



Database Schema Reference

FlexNet Manager Suite 2019 R2

Legal Information

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Overview

The data underlying FlexNet Manager Suite is arranged in a number of distinct databases. Most frequently these databases live within a single database server, although in very large scale implementations, it is possible to implement them across multiple servers.

The most fundamental distinction is between:

- Data imported from various instances of the FlexNet inventory agent as software and hardware inventory from individual computers within the enterprise (see [Inventory Database Schema](#))
- Data used to calculate license positions, combining the software applications recognized from the imported inventory, the license entitlements collated from purchase records and other sources, structural information about the enterprise itself, and so on (see [Compliance Database Schema](#)).

A small set of tables is common to both these databases. These shared tables are documented within each of the above chapters.

In support of this basic structure, there are also the following major aspects:

- Staging tables used to rationalize data being imported into the main compliance database by `ComplianceReader.exe` (see [Compliance Reader Database Schema](#))
- A separate schema for presenting summarized license information on a once-separate web portal (see [License Portal Database Schema](#)).

Each of the chapters covering these schemata has a common structure:

- The chapter header includes a list of different *aspects* of the data described in the chapter. (These aspects are also the lowest level included in the summary table of contents for the entire volume.)
- The chapter header is followed by a reminder of the information structure in each of the database table descriptions.
- Each aspect then has a section header page listing all the individual database tables contained within that aspect.
- Finally, the detailed topics, one for each database table, listing all the properties (columns) in the table and various attributes of each one.

This structure makes it easy to drill down from a high-level understanding of the data structure to an individual table. Conversely, if you know a table name, use the PDF search mechanism in your reader software to locate its description. Similarly, you can also search for individual properties within tables, even when you don't know their provenance.

One final chapter takes a slightly different approach. Rather than documenting an internal schema, it covers the schema used for spreadsheets importing inventory information, and the mapping of those columns to the relevant database tables and column.

This document is not an exhaustive description of the entire database structure. For example, the system makes widespread use of views extracted from these underlying tables for (amongst other reasons) performance improvements. These views are not documented here. Nor are the mechanisms used in a multi-tenant implementation for partitioning each tenant's data made explicit in this document. However, this is a complete description of all the basic data tables from which all else is derived.

Furthermore, the descriptions of each database table are compiled automatically using the same mechanism that generates the database schemata themselves. This process guarantees complete coverage of all tables at each release.

Contents

1. Logical Data Models	8
2. Compliance Database Schema.....	15
Information Structure	15
BatchProcessing.Common Tables.....	16
BatchProcessing Tables	25
Compliance.Logic.Administration Tables	26
Compliance.Logic.Assets Tables	44
Compliance.Logic.Beacon Tables.....	60
Compliance.Logic.Core Tables	102
Compliance.Logic.Discovery Tables	272
Compliance.Logic.Licensing Tables	285
Compliance.Logic.Structure Tables	512
Compliance.Logic.Users Tables	518
Compliance.SAP Tables	526
ManageSoft Tables	589
ReferenceData Tables	590
Rights Tables	591
Targeting Tables	593
Tenants Tables.....	596
3. Dashboard Database Schema	598
Dashboard Tables	598
4. DataWarehouse Database Schema	628
DataWarehouseTables Tables	628
5. Compliance Reader Database Schema	648
Information Structure	648
Compliance.InventoryReader.Logic Tables.....	649
Compliance.InventoryWriter.Matching Tables	732
Compliance.InventoryReader.CloudServiceData Tables	739
6. Inventory Database Schema	742
Information Structure	742

AD Tables	743
ClientAccess Tables	745
DirectoryObjects Tables	748
Directory Tables.....	751
Distribution Tables.....	756
Installation Tables	760
Inventory Tables	763
Licensing Tables	795
ManageSoft Tables	799
Networking Tables	799
Packaging Tables	801
ReferenceData Tables	809
Rights Tables	811
ScriptResult Tables	812
Status Tables	813
Targeting Tables	814
Tenants Tables.....	817
Usage Tables	819
WakeOnLAN Tables	822
WorkFlow Tables	824
7. License Portal Database Schema	830
Information Structure	830
Compliance.ECM.Logic Tables	831
8. Inventory Spreadsheet Templates	839
Information Structure for Spreadsheet Inventory Imports.....	839
Compliance.InventoryReader.Logic Tables.....	841
9. Flexera Data Models	889
Relational Model Categories	892
Publisher Filter.....	893
Applications	893
Application Installation	896
Licenses.....	896
Assets.....	897
Inventory	898
Contracts	898

Purchases	900
Dimensional Model Categories	901
Publisher Filter	901
Applications	901
Application Installation	904
Licenses	904
Assets	905
Contracts	906
Purchases	907
10. Index	909

Logical Data Models

In a database schema of this size, it can be hard to get your bearings. To help you understand the territory, this topic contains some logical data models, generally centered around key database objects.

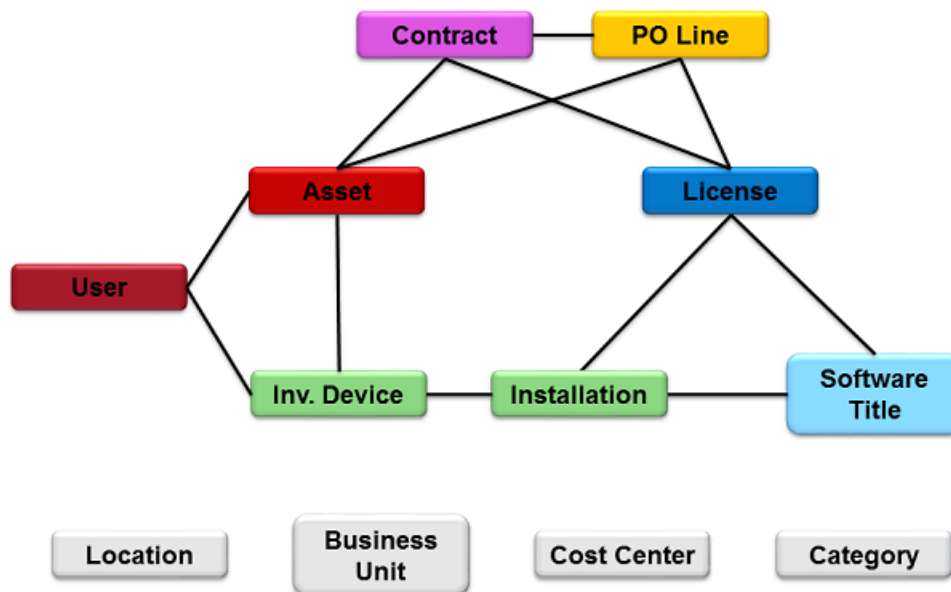


Note: These illustrations are not detailed schema diagrams (such as you could generate using Microsoft SQL Server). Instead, they provide high-level "mud maps" of key objects in the FlexNet Manager Suite system, with some indications of how they relate to one another. These are logical or conceptual models. For details about how individual database tables link to each other, see the detailed descriptions in the following pages.

Overview

The first diagram gives an overview of the major components (database objects) in the system. Because the four kinds of enterprise groups shown across the bottom of the diagram have so many possible links to the other objects, no links for these are included in the overview (more links are visible in the following more specialized diagrams).

Figure 1: Overview model



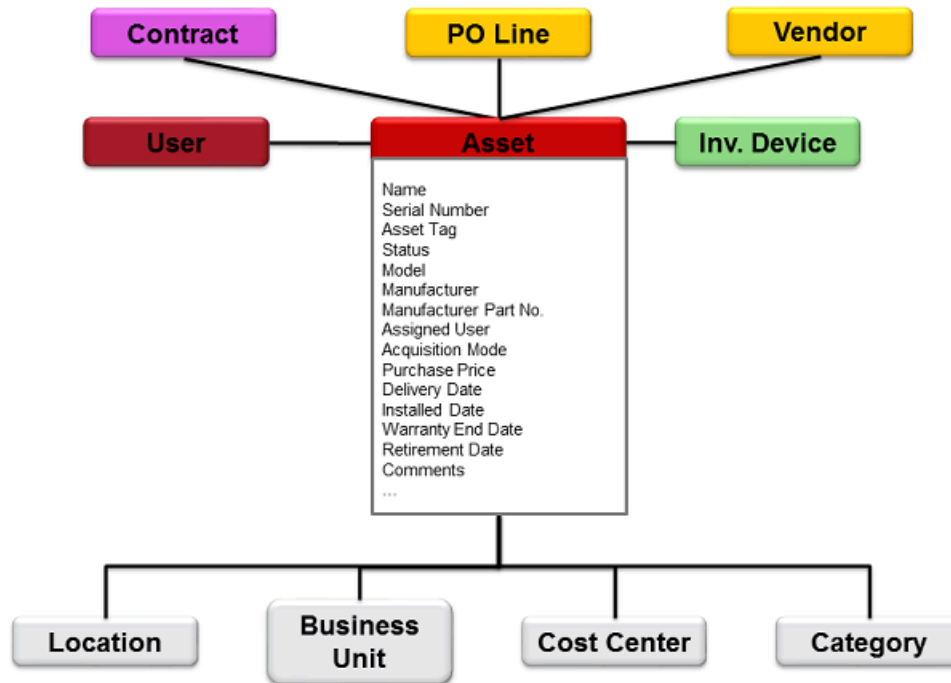
The following logical models focus on one of these objects at a time, providing a few of the more important attributes or

properties of those key objects in the database, and fleshing out more details of their relationships to other objects.

Asset model

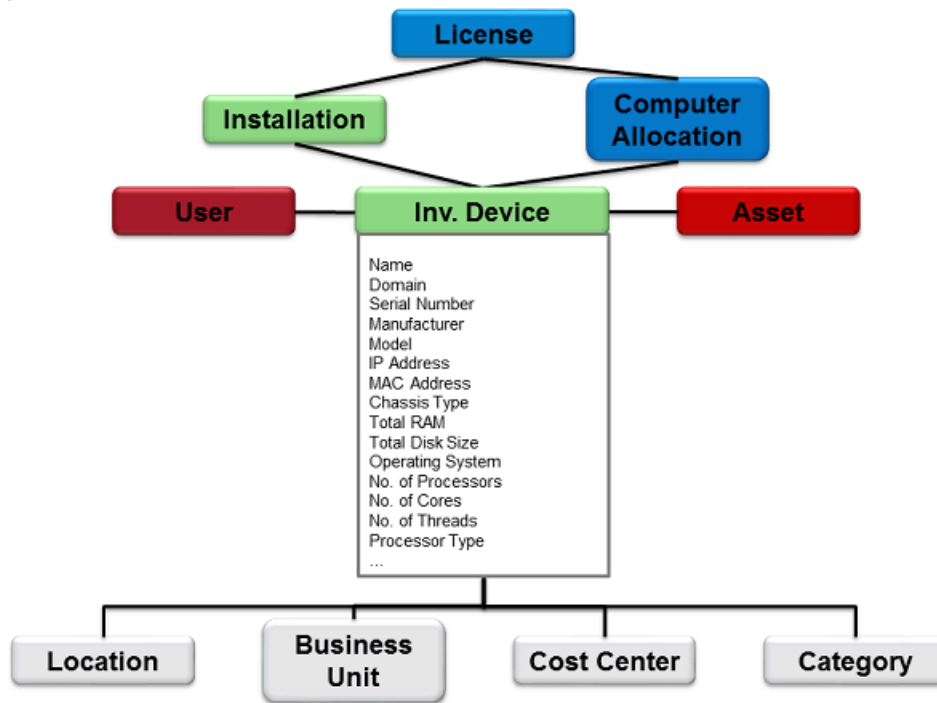
In FlexNet Manager Suite, an asset is an item of hardware (including, but not limited to, computer hardware). Like a physical asset register, these records are kept separate from the inventory records that may contribute to the details about computer hardware. For this reason, you see the close link between the asset object and the inventory device object. Also notice that an asset may be linked to one of each kind of enterprise group (shown in gray across the bottom of the diagram).

Figure 2: Asset model



Inventory device model

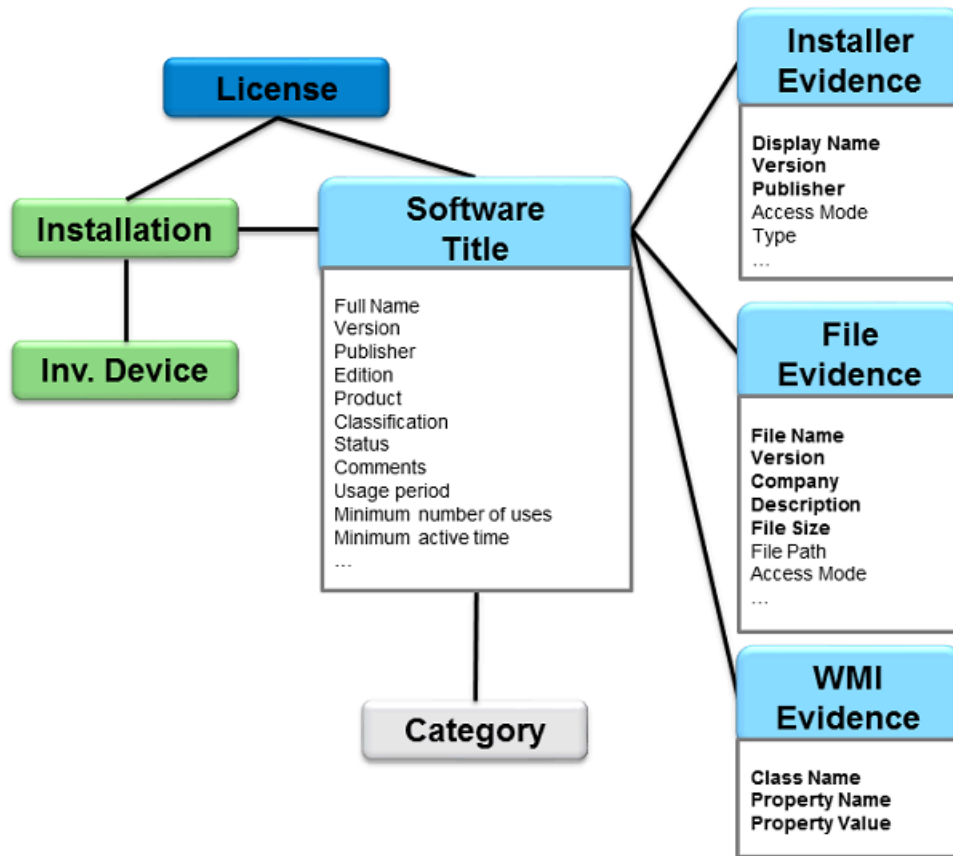
Inventory devices are records of hardware objects from which hardware and (most often) software inventory has been collected. Even though inventory devices are closely related to assets, they have their own potential links to one of each kind of enterprise group. To avoid double handling, there are settings in the web interface for FlexNet Manager Suite to have the ownership of one track the other. However, it is possible to assign these records separately, so that (for example) you may link an asset to the Illinois state head office for its asset register, but have the inventory device linked to a location in the Itasca local office.

Figure 3: Inventory device model

Software title model

A software title database object models what is called an *application* in the web interface of FlexNet Manager Suite. *Evidence* of various types is whatever may be found on a computer that identifies the application, with the mapping between evidence and application normally supplied through the Application Recognition Library. Applications do not link directly with inventory devices: there is an intermediate installation object that provides this link. Note also that some server-based software has additional evidence types (such as access and usage evidence) that helps to track requirements for CALs.

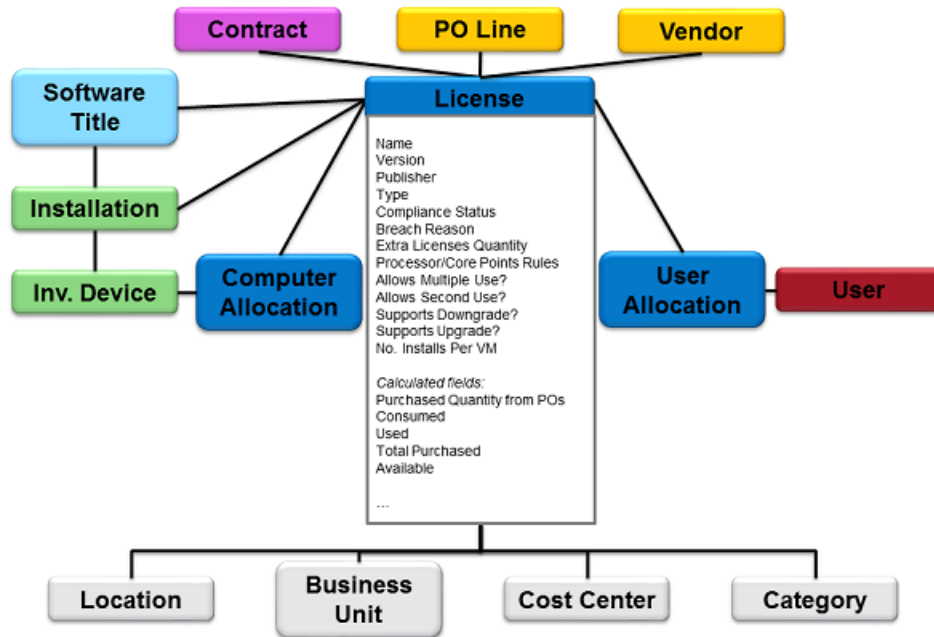
Figure 4: Software title model



License model

The license is perhaps the most central object in the data model, since ultimately everything else exists to allow correct calculation of incoming entitlements and consumption of those entitlements within your enterprise. Notice that individual allocations, controlled through the license properties in the web interface, are kept as separate records linking the license record either to an inventory device or a user.

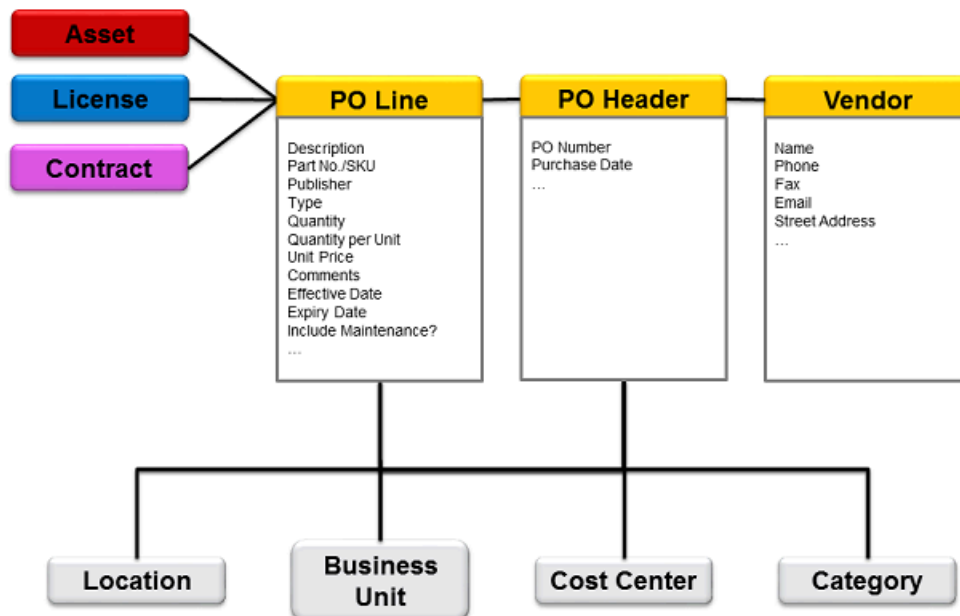
Figure 5: License model



Purchase order model

For historical reasons, the database models a purchase order as a separate header record and one or more line items from that purchase order. In the web interface for FlexNet Manager Suite, purchases are now represented as separate objects (each purchase maps to one PO line in the database), with purchase order headers represented only by a few common values appended to the top of the purchase properties. The common structure for purchases may be used for a variety of objects: software and hardware purchases, as well as renewals of maintenance contracts and the like.

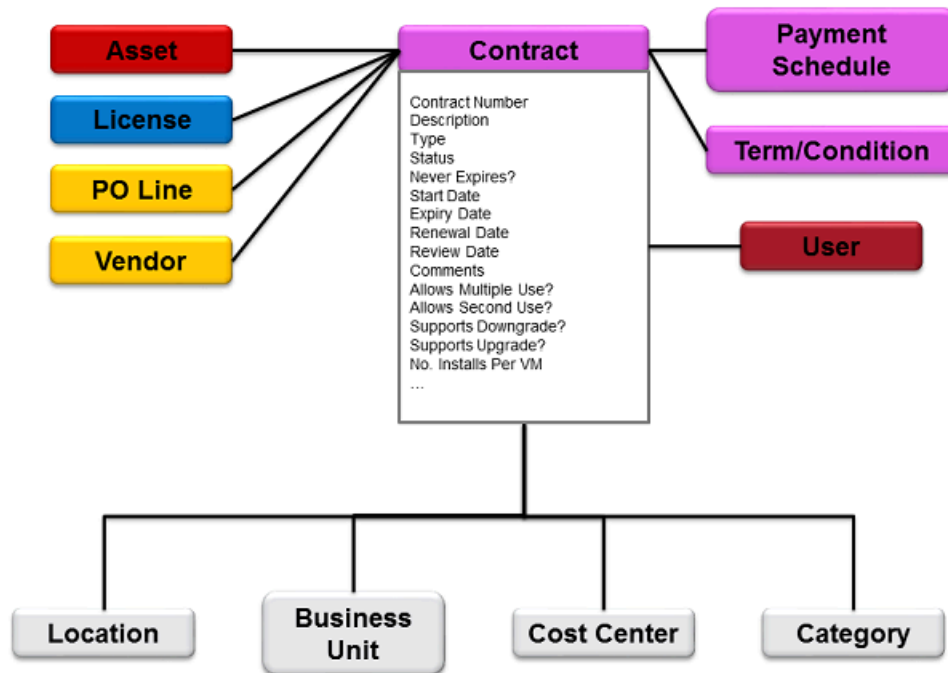
Figure 6: Purchase model



Contract model

Contracts may be used to track any kind of real-world contract, and they are particularly useful for modeling support contracts or maintenance (or in Microsoft terms, Software Assurance). These are also the mechanism for tracking regular payments. Since a contract may include many terms and conditions, these are modeled as separate objects in the database.

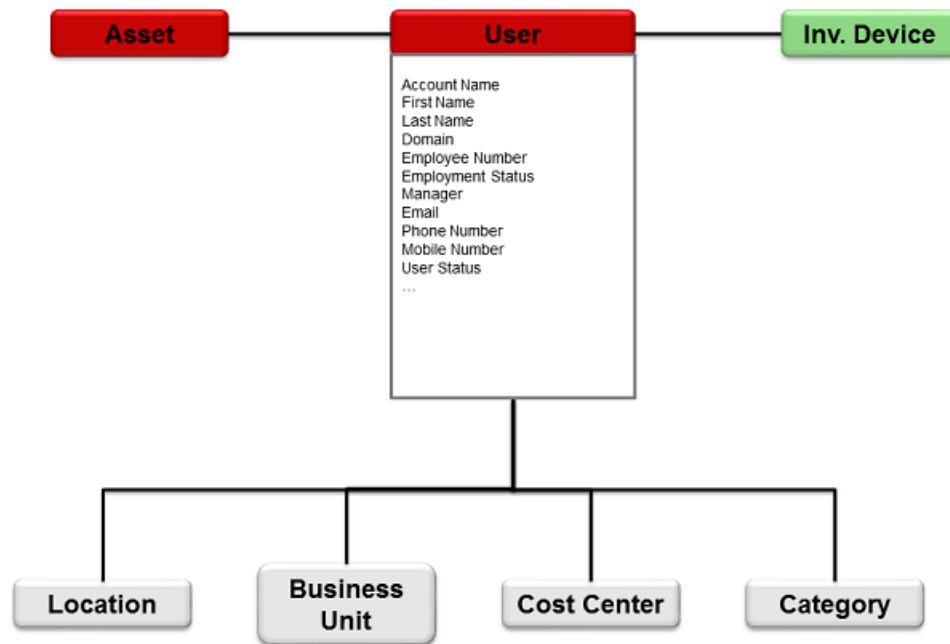
Figure 7: Contract model



User model

A user is not a person operating the FlexNet Manager Suite system itself (these people are called operators, and are managed separately). A user is a person allowed to use an inventory device, or may be also be linked as the owner of an asset. In earlier incarnations, these were called "end users", if that helps to clarify the distinction from operators.

Figure 8: User model



2

Compliance Database Schema

This chapter describes the schema for the main database underlying FlexNet Manager Suite.

Separately documented is the schema for the inventory tables for inventory gathered by the FlexNet inventory agent, either when installed on 'adopted' devices, or when executing a remote, zero-touch inventory (see [Inventory Database Schema](#)).

Some tables from that inventory database are (correctly) duplicated in this compliance database, and these shared tables are also listed toward the end of this chapter.

Information Structure

The following information is provided about database tables. Items appear only when relevant to the database column, and are suppressed where they do not apply. Two of these items (shown bold) are columns in the following pages, and the remainder are displayed within the **Details**.

Item	Comment
Database Column	The name of the column in the SQL table.
<i>Type</i>	The data type of the contents of the database column.
<i>Size</i>	For types that have a maximum capacity, the upper limit is provided in parentheses.
<i>Key</i>	The word “Key” appears when a column is a unique key field within the table. It is possible for several database columns to be part of the key, so that this indicator may appear for several columns in a table.
<i>Generated ID</i>	This indicates that a numeric ID is assigned by the database.
<i>Nullable</i>	If this indicator is present, the database column permits nulls.
<i>Computed</i>	This indicator appears for columns that are automatically computed by the database.
<i>Default</i>	If a column has a default value declared in the schema, this is specified at the end of the first set of details for the column.

Item	Comment
Details	Describes the data stored in the database column, including many of the indicators described above.

BatchProcessing.Common Tables

The complete set of database tables documented here includes:

- BatchProcessExecution table (see [BatchProcessExecution Table](#))
- BatchProcessExecutionData table (see [BatchProcessExecutionData Table](#))
- BatchProcessExecutionDataName table (see [BatchProcessExecutionDataName Table](#))
- BatchProcessSchedule table (see [BatchProcessSchedule Table](#))
- BatchProcessStatus table (see [BatchProcessStatus Table](#))
- BatchProcessType table (see [BatchProcessType Table](#))
- BatchProcessTypeLimit table (see [BatchProcessTypeLimit Table](#))

BatchProcessExecution Table

BatchProcessExecution is a table storing the details of batch processes requested and executed.

Table 1: Database columns for BatchProcessExecution table

Database Column	Details
BatchProcessExecutionID	Type: integer. Key. Generated ID A unique identifier for a batch processor.
GUID	Type: unique identifier. Key The GUID identifying a batch process execution.
BatchProcessTypeID	Type: integer. Key The type of this batch process execution. Foreign key to the BatchProcessType table.
Submitted	Type: datetime. Key The date and time at which this batch process execution was submitted.
OperatorLogin	Type: text (max 512 characters). Nullable The login name of the operator requesting the batch process, NULL indicates a system request.

Database Column	Details
BeaconID	<p>Type: integer. Key. Nullable</p> <p>The ID of the beacon which requested a batch process execution. Foreign key to the Beacon table.</p>
BatchProcessorHostname	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The batch processor responsible for the execution of this batch process. A processor by this name may be in the BatchProcessor table, but this is not required.</p>
BatchProcessStatusID	<p>Type: integer</p> <p>Status of the batch process execution. Foreign key to the BatchProcessStatus table.</p>
StartTime	<p>Type: datetime. Nullable</p> <p>The date and time the batch process execution was started.</p>
FinishTime	<p>Type: datetime. Key. Nullable</p> <p>The date and time the batch process execution finished.</p>
Progress	<p>Type: integer</p> <p>Percentage indicator of how far through the batch process execution is.</p>
ReturnCode	<p>Type: integer. Nullable</p> <p>The return code of the batch process execution.</p>
Output	<p>Type: text. Nullable</p> <p>Contains any output reported by a batch process execution.</p>
GroupName	<p>Type: text (max 50 characters). Nullable</p> <p>The group name used to partition this batch process. Only relevant for types that require separation by group.</p>
TenantUID	<p>Type: text (max 40 characters). Key. Nullable</p> <p>The tenant UID for this batch process. Only relevant for types that require separation by tenant.</p>
RawMessage	<p>Type: text. Nullable</p> <p>The raw, serialized message. Used for pending messages to reconstruct the queue when the batch processor restarts.</p>

BatchProcessExecutionData Table

This table stores any extra data needed for a BatchProcessExecution record.

Table 2: Database columns for BatchProcessExecutionData table

Database Column	Details
BatchProcessExecutionDataID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this table.
BatchProcessExecutionID	<i>Type:</i> integer. Key The ID of the BatchProcessExecution record this data is associated with. Foreign key to the BatchProcessExecution table.
BatchProcessExecutionDataNameID	<i>Type:</i> integer. Key An identifier for the data being stored in this row
DataValue	<i>Type:</i> text The value being stored in this row

BatchProcessExecutionDataName Table

This table holds a list of the different types of data that can be stored in BatchProcessExecutionData.

Table 3: Database columns for BatchProcessExecutionDataName table

Database Column	Details
BatchProcessExecutionDataNameID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this table.
Name	<i>Type:</i> text (max 128 characters). Key Name of the setting.

BatchProcessSchedule Table

BatchProcessSchedule stores the schedule of a batch process.

Table 4: Database columns for BatchProcessSchedule table

Database Column	Details
BatchProcessScheduleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this table.
BatchProcessTypeID	<i>Type:</i> integer. Key The process type ID this schedule belongs to. Foreign key to the BatchProcessType table.

Database Column	Details
TenantUID	Type: text (max 40 characters). Key. Nullable The tenant UID for this batch schedule.
BatchProcessScheduleData	Type: text The Quartz scheduler data
UpdatedBy	Type: text (max 200 characters). Nullable The last operator to update the event.
UpdatedDate	Type: datetime. Nullable The date the event was last updated.
GUID	Type: unique identifier. Key Unique identifier for schedule.
LastRun	Type: datetime. Nullable The datetime this schedule was last executed.
Enabled	Type: boolean The datetime this schedule was last executed.

BatchProcessStatus Table

BatchProcessStatus is a static table listing status values for batch process execution.

Table 5: Database columns for BatchProcessStatus table

Database Column	Details
BatchProcessStatusID	Type: integer. Key. Generated ID A unique identifier for each BatchProcessStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Submitted • 2 = Queued • 3 = Processing • 4 = Success • 5 = Error • 6 = Duplicate

Database Column	Details
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing an status of batch process execution. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the status resource string has no translation.

BatchProcessType Table

BatchProcessType is a static table storing the types of batch processes

Table 6: Database columns for BatchProcessType table

Database Column	Details
BatchProcessTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each BatchProcessType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = License reconcile • 2 = PO line import • 3 = Enterprise group import • 4 = User assignment import • 5 = Inventory import • 6 = Active directory import • 7 = Entitlement recommendations recalculation • 8 = SAP user recommendations export • 9 = Business adapter import • 10 = Generate business adapter config • 15 = ServiceNow export • 16 = FNMEA enterprise groups export • 17 = IBM Passport Advantage import • 18 = Data Warehouse access rights update • 19 = Update license consumption of IBM PVU licenses • 20 = Data Warehouse export • 21 = Import SAP inventories • 22 = Import SAP package license • 23 = Inventory import and license reconcile • 24 = Recognition data import • 25 = Inventory manager compliance import • 26 = Compliance import readers only • 27 = Compliance import writers only • 28 = Recognition data download • 29 = Recognition data cleanup • 30 = IM Data maintenance

Database Column	Details
	<ul style="list-style-type: none"> • 31 = SAP user and activity information import • 32 = Inventory import spreadsheet and license reconcile • 33 = FNMP Data maintenance • 34 = FNMP software usage history update • 35 = Delete activity log history • 36 = Baseline import processing • 37 = Sync FNMS tenants with Cognos • 38 = IM Tenant Data maintenance • 30 = Data Warehouse partial export • 31 = SAP user and activity information import • 32 = Inventory import spreadsheet • 33 = FNMP Data maintenance • 34 = FlexNet Manager Platform software usage history update • 35 = Activity log history delete • 36 = Baseline import processing • 37 = Sync FNMS tenants with Cognos • 38 = IM Tenant Data maintenance • 39 = FlexNet Manager Suite dashboard update • 40 = FlexNet Manager Suite Precalc update • 41 = Generate scoped Oracle LMS archive for logged in operator • 42 = Tenant deletion • 43 = SAP license position calculation
TypeName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the batch process type.</p>
ResourceName	<p>Type: text (max 256 characters)</p> <p>The unique name of the localizable resource string representing a batch process type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

Database Column	Details
StarvedAt	<i>Type:</i> integer. Nullable The age, in minutes, after which a task of this type will be given priority over other tasks to avoid starvation.
Timeout	<i>Type:</i> integer. Nullable The age, in minutes, after which a task of this type will be regarded as failed if its processor becomes unresponsive.
BatchProcessTypeLimitID	<i>Type:</i> integer. Nullable An optional reference to a limit that will restrict the number of items of this type that can execute at the same time.

BatchProcessTypeLimit Table

BatchProcessTypeLimit is a table storing the limits placed on the parallel execution of tasks within the Batch Processor. A limit is associated with one or more BatchProcessTypes. The limit value is the number of tasks of the associated types that may be executed at any one time.

Note that these limits are applied after the standard parallel execution restrictions are applied. This means that these limits will generally affect a single tenant system. They will take effect only if the limit is applied to types that are allowed to run in parallel for a tenant. For example, if a limit is applied to a types that run the ComplianceReader executable, the Business importer and the ARL import, it may be possible to reach the limit.

In a multi-tenant system, the limits allow the system administrator to define reasonable limits to try to ensure that the Batch scheduler does not overload the hardware it is allotted.

Table 7: Database columns for BatchProcessTypeLimit table

Database Column	Details
BatchProcessTypeLimitID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a BatchProcessTypeLimit.
Name	<i>Type:</i> text (max 128 characters). Key The name of this BatchProcessTypeLimit. This name will be used internally to reference the limit, and will be shown in the tracing output.
MaxTasks	<i>Type:</i> integer The number of tasks associated with this limit that may be executed in parallel by the Batch scheduler. A zero or negative value in this column will cause the limit to be ignored.

BatchProcessing Tables

The complete set of database tables documented here includes:

- BatchProcessor table (see [BatchProcessor Table](#))
- BatchProcessorProcessType table (see [BatchProcessorProcessType Table](#))

BatchProcessor Table

BatchProcessor is a table storing the machines responsible for executing batch processes.

Table 8: Database columns for BatchProcessor table

Database Column	Details
BatchProcessorID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a batch processor.
Hostname	<i>Type:</i> text (max 128 characters). Key The host name of this batch processor.
LastHeartbeat	<i>Type:</i> datetime. Nullable The UTC date and time this batch processor configured.
LastExecution	<i>Type:</i> datetime. Nullable The UTC date and time this batch processor last executed a batch process.

BatchProcessorProcessType Table

This table records the mapping of process types to batch processors.

Table 9: Database columns for BatchProcessorProcessType table

Database Column	Details
BatchProcessorID	<i>Type:</i> integer. Key The ID of the BatchProcessor record this data is associated with. Foreign key to the BatchProcessor table.
BatchProcessTypeID	<i>Type:</i> integer. Key The ID of the BatchProcessType record this data is associated with. Foreign key to the BatchProcessType table.

Compliance.Logic.Administration Tables

The complete set of database tables documented here includes:

- [APIServiceAccount](#) table (see [APIServiceAccount Table](#))
- [ComplianceConnection](#) table (see [ComplianceConnection Table](#))
- [ComplianceConnectionParameter](#) table (see [ComplianceConnectionParameter Table](#))
- [ComplianceCultureType](#) table (see [ComplianceCultureType Table](#))
- [ComplianceOperator](#) table (see [ComplianceOperator Table](#))
- [ComplianceOperatorAudit](#) table (see [ComplianceOperatorAudit Table](#))
- [ComplianceOperatorTenant](#) table (see [ComplianceOperatorTenant Table](#))
- [ComplianceResourceString](#) table (see [ComplianceResourceString Table](#))
- [ComplianceSetting](#) table (see [ComplianceSetting Table](#))
- [ComplianceTenantSetting](#) table (see [ComplianceTenantSetting Table](#))
- [ConfigurationFile](#) table (see [ConfigurationFile Table](#))
- [ConfigurationFileType](#) table (see [ConfigurationFileType Table](#))
- [ConnectionType](#) table (see [ConnectionType Table](#))
- [Currency](#) table (see [Currency Table](#))
- [MasterConfigurationFile](#) table (see [MasterConfigurationFile Table](#))
- [MasterConfigurationFileDescription](#) table (see [MasterConfigurationFileDescription Table](#))
- [MasterConfigurationFileOptionState](#) table (see [MasterConfigurationFileOptionState Table](#))
- [MasterConfigurationFileSelection](#) table (see [MasterConfigurationFileSelection Table](#))
- [MasterConfigurationFileVersions](#) table (see [MasterConfigurationFileVersions Table](#))
- [OperatorTenantSetting](#) table (see [OperatorTenantSetting Table](#))
- [ResourceStringCultureType](#) table (see [ResourceStringCultureType Table](#))
- [RightDefinition](#) table (see [RightDefinition Table](#))
- [SettingName](#) table (see [SettingName Table](#))
- [TimezoneType](#) table (see [TimezoneType Table](#))

APIServiceAccount Table

Stores a collection of external API service accounts.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 10: Database columns for APIServiceAccount table

Database Column	Details
APIServiceAccountID	Type: integer. Key. Generated ID Unique identifier for a API service account.
ComplianceOperatorID	Type: integer. Key. Nullable Reference to a compliance operator.
AccessThreshold	Type: integer. Nullable API access alert threshold
AccessCount	Type: integer API access count.
LastSync	Type: datetime. Nullable Indicates the last datetime this account is synced with FNOOD or validateToken API is called.
Description	Type: text (max 256 characters). Nullable Description for this service account.
CreationUser	Type: text (max 256 characters). Nullable Created by.
CreationDate	Type: datetime. Nullable Creation date.
UpdatedUser	Type: text (max 256 characters). Nullable Operator who made the latest change to the currency record.
UpdatedDate	Type: datetime. Nullable Updated date

ComplianceConnection Table

The ComplianceConnection table stores details about databases configured for use in compliance imports, such as Microsoft SMS.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 11: Database columns for ComplianceConnection table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a compliance connection.
ConnectionTypeID	<i>Type:</i> integer. Key The compliance connection type. Foreign key to the ConnectionType table.
ConnectionName	<i>Type:</i> text (max 128 characters). Key The internal, unique name of the connection.
ConnectionNameDisplayName	<i>Type:</i> text (max 64 characters) The name of the connection for display purposes.
UseFnmpDbServerAsSource	<i>Type:</i> boolean Use the FNMP database server as the source.
Server	<i>Type:</i> text (max 128 characters). Nullable The name of the SQL Server.
UseWindowsAuth	<i>Type:</i> boolean. Nullable If this field is set to <code>True</code> , the connection will use Windows authentication when connecting to the database. If <code>False</code> , SQL authentication will be used.
Username	<i>Type:</i> text (max 128 characters). Nullable The username to use when connecting with SQL authentication.
Password	<i>Type:</i> text. Nullable The password to use when connecting with SQL authentication.
DatabaseName	<i>Type:</i> text (max 128 characters). Nullable The name of the database to connect to.
ConnectionString	<i>Type:</i> text. Nullable The connection string used to connect to a datasource.
LastImportDate	<i>Type:</i> datetime. Nullable Date and time when data from this data source was successfully imported into the staging area (reader execution). The imported data may not have been applied to the core tables.
LastImportStarted	<i>Type:</i> datetime. Nullable Date and time when the import from this data source started.
LastImportEnded	<i>Type:</i> datetime. Nullable Date and time when the import from this data source ended.

Database Column	Details
LastImportSuccessful	<p><i>Type:</i> boolean</p> <p>Whether or not the last import attempted for this datasource succeeded or failed.</p>
SourceType	<p><i>Type:</i> text (max 256 characters)</p> <p>The source database type (one of several predefined values, such as ManageSoft or SMS).</p>
SourceTypeDisplayName	<p><i>Type:</i> text (max 128 characters)</p> <p>A version of the SourceType field, that has been scoped to be specific to this connection.</p>
Signature	<p><i>Type:</i> text (max 128 characters)</p> <p>A connection signature optionally given by the source database. This allows the source database to identify its connection.</p>
PrimaryConnection	<p><i>Type:</i> boolean. Key</p> <p>Set this to True if this is the primary data source to import from. If computers or users exist in multiple connections, data from the primary connection is always given precedence.</p>
TestConnection	<p><i>Type:</i> boolean</p> <p>Indicate if this connection is a test connection. If this is set to True writer will not populate target FNMP tables with data in the imported tables from this connection. If this is set to False writer will populate data from this connection as is. Compliance Reader Editor UI sets connection as test so that test data would not accidentally be written to target FNMP tables.</p>
Enabled	<p><i>Type:</i> boolean</p> <p>Indicate if this connection is enabled. If this is set to False reader will not import data from this connection.</p>
GroupName	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The GroupName represents subgroups of data from the source. For example, for a citrix connection, this stores a farm name. If this is Null, then there is no sub-grouping (import all).</p>
ExpiryPeriod	<p><i>Type:</i> integer. Nullable</p> <p>The number of days before considering records in ImportedComputer to be out of date and should be considered stale. NULL means use the Compliance Setting value StaleInventoryThreshold. 0 means always include device data regardless of age.</p>
PerformStaleInventoryCheck	<p><i>Type:</i> boolean</p> <p>Indicates if this connection needs to have the inventory checked to see if data is considered stale. It is reset to 1 after completing the reader's step of an import.</p>

Database Column	Details
IsRemote	<i>Type:</i> boolean Is this a remote connection, where the source side of the readers are running on a remote location (an Inventory Beacon)?
ConnectionExID	<i>Type:</i> unique identifier. Key The externally unique identifier for this connection, that can be used by both an Inventory Beacon and the server to track a connection.
BeaconUID	<i>Type:</i> unique identifier. Key. Nullable The unique ID of the beacon where this connection is running.

ComplianceConnectionParameter Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 12: Database columns for ComplianceConnectionParameter table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key A unique identifier for a compliance connection.
Name	<i>Type:</i> text (max 256 characters). Key The name of the compliance connection parameter
Value	<i>Type:</i> text The value of the compliance connection parameter
Type	<i>Type:</i> text (max 64 characters) The type of compliance connection parameter

ComplianceCultureType Table

The ComplianceCultureType table holds all the different languages that FlexNet Manager Suite supports.

Table 13: Database columns for ComplianceCultureType table

Database Column	Details
CultureType	<i>Type:</i> text (max 12 characters). Key A unique identifier for a culture type.
DefaultCulture	<i>Type:</i> boolean Indicates whether this language is a default language on the system.
Installed	<i>Type:</i> boolean Indicates whether string for this language are installed.
DisplayName	<i>Type:</i> text (max 80 characters) The display name for this culture.

ComplianceOperator Table

ComplianceOperator stores the list of people (operators) authorized to use FlexNet Manager Suite. Operators need not be end-users of the enterprise.

Table 14: Database columns for ComplianceOperator table

Database Column	Details
ComplianceOperatorID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the operator.
OperatorLogin	<i>Type:</i> text (max 256 characters). Key The login (account name) of the operator. Usually of the form [domain\account].
OperatorName	<i>Type:</i> text (max 512 characters). Nullable The name of the operator.
IsEnabled	<i>Type:</i> boolean When False, this operator may not use FlexNet Manager Suite, even if he or she is assigned to roles granting them access.
Email	<i>Type:</i> text (max 200 characters). Nullable The operator's email address.
JobTitle	<i>Type:</i> text (max 128 characters). Nullable The job title of the end-user.
ComplianceUserID	<i>Type:</i> integer. Key. Nullable An optional link to an end-user in the system. Foreign key to the ComplianceUser table.

Database Column	Details
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.
BusinessReportingToken	Type: text (max 256 characters). Nullable A token that is issued to an operator to allow them to authenticate with the business reporting framework.
TenantID	Type: small integer. Nullable The default tenant that this operator works on. Note that there is no tenant-filtered view on this table.
GlobalOperator	Type: boolean Allows an operator to access all tenants.
Interactive	Type: boolean Non-interactive accounts are service accounts.
LastLogin	Type: datetime. Nullable Last login datetime.
LastLogout	Type: datetime. Nullable Last logout datetime.

ComplianceOperatorAudit Table

ComplianceOperatorAudit is a multi-tenant table that stores the last login and log out date and time for each operator per tenant



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 15: Database columns for ComplianceOperatorAudit table

Database Column	Details
ComplianceOperatorID	<i>Type:</i> integer. Key The operator of the setting. Foreign key to the ComplianceOperator table.
LastLogin	<i>Type:</i> datetime. Nullable Last login datetime.
LastLogout	<i>Type:</i> datetime. Nullable Last logout datetime.
LastActive	<i>Type:</i> datetime. Key. Nullable Last active datetime.
IsActive	<i>Type:</i> boolean. Nullable Indicates whether the operator has been active.
IsPermanent	<i>Type:</i> boolean Indicates whether the operator is permanently active.

ComplianceOperatorTenant Table

ComplianceOperatorTenant stores the list of people (operators) authorized to access a tenant.

Table 16: Database columns for ComplianceOperatorTenant table

Database Column	Details
ComplianceOperatorID	<i>Type:</i> integer. Key The operatorID that the permission will be granted for.
TenantId	<i>Type:</i> integer. Key The tenantID that the operator will be granted access for.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
IsEnabled	<i>Type:</i> boolean When False, this operator may not use FlexNet Manager Suite, even if he or she is assigned to roles granting them access.

ComplianceResourceString Table

The ComplianceResourceString table holds all the strings that require translation.

Table 17: Database columns for ComplianceResourceString table

Database Column	Details
ResourceString	Type: text (max 256 characters). Key A unique identifier for a string.

ComplianceSetting Table

The ComplianceSetting table holds the settings for the configuration and business rules of the application. With the introduction of SettingName, ComplianceTenantSetting and OperatorTenantSetting tables, if new global setting is to be added to ComplianceSetting table, the ComplianceSettingID must not overlap with those defined in SettingName table.

Table 18: Database columns for ComplianceSetting table

Database Column	Details
ComplianceSettingID	Type: integer. Key. Generated ID A unique identifier for a setting.
SettingName	Type: text (max 128 characters). Key A primary key for the setting.
SettingValue	Type: text (max 512 characters) The setting that indicates specified behavior.

ComplianceTenantSetting Table

ComplianceTenantSetting is a multi-tenant table that stores configuration and business rules specific to each tenant.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 19: Database columns for ComplianceTenantSetting table

Database Column	Details
SettingNameID	Type: integer. Key ID of the setting name. Foreign key to the SettingName table.
SettingValue	Type: text (max 512 characters). Nullable Value of the setting.

ConfigurationFile Table

The ConfigurationFile table stores configuration files generated from the master configuration files used by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 20: Database columns for ConfigurationFile table

Database Column	Details
ConfigurationFileID	Type: integer. Key. Generated ID A unique identifier for a configuration file.
ConfigurationFileTypeID	Type: integer. Key The configuration file type. Foreign key to the ConfigurationFileType table.
Name	Type: text (max 100 characters) The name of the configuration file.
Revision	Type: integer The revision of the configuration file.
XMLFile	Type: text The content of the configuration file.

ConfigurationFileType Table

ConfigurationFileType is a static table storing the types of configuration files used by FlexNet Manager Suite.

Table 21: Database columns for ConfigurationFileType table

Database Column	Details
ConfigurationFileTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ConfigurationFileType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = SQL Server • 2 = Other (the inventory source is another type of data store, like an Excel sheet or MS Access database).
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a configuration file type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

ConnectionType Table

ConnectionType is a static table storing the types of connection that can be used to import data into FlexNet Manager Suite.

Table 22: Database columns for ConnectionType table

Database Column	Details
ConnectionTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ConnectionType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = SQL Server • 2 = Other (the inventory source is another type of data store, like an Excel sheet or MS Access database). • 5 = PowerShell
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a connection type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

Currency Table

Currency stores a collection of currencies that can be used for money values.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 23: Database columns for Currency table

Database Column	Details
CurrencyID	Type: integer. Key. Generated ID Unique identifier for a currency.
CurrencyName	Type: text (max 256 characters) Name of currency.
CurrencyResourceID	Type: text (max 64 characters). Nullable The resource string containing the name of this currency to display on the user interface.
CurrencyCode	Type: text (max 32 characters). Key Code assigned to currency.
LongPrefix	Type: text (max 32 characters) Long prefix to display in front of the money value.
LongSuffix	Type: text (max 32 characters) Long suffix to display after the money value.
LongFormat	Type: text (max 80 characters). Nullable Long format of the currency. This is a calculated field.
ShortPrefix	Type: text (max 32 characters) Short prefix to display in front of the money value.
ShortSuffix	Type: text (max 32 characters) Short suffix to display after the money value.
ShortFormat	Type: text (max 80 characters). Nullable Short format of the currency. This is a calculated field.
IsActive	Type: boolean. Key Indicates whether this currency is enabled.
Comments	Type: text. Nullable Operator comments about this currency.

Database Column	Details
Countries	<i>Type:</i> text (max 2048 characters). Nullable A semicolon-separated list of the country codes for countries to which this currency is applicable.
ActivationDate	<i>Type:</i> datetime. Nullable Date currency was enabled.
RetirementDate	<i>Type:</i> datetime. Nullable Date that currency was retired.
UpdatedUser	<i>Type:</i> text (max 256 characters). Nullable Operator who made the latest change to the currency record.
UpdatedDate	<i>Type:</i> datetime. Nullable Date that the currency record was changed.

MasterConfigurationFile Table

The MasterConfigurationFile table stores master configuration files used by FlexNet Manager Suite.

Table 24: Database columns for MasterConfigurationFile table

Database Column	Details
MasterConfigurationFileID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a configuration file.
ConfigurationFileTypeID	<i>Type:</i> integer. Key The configuration file type. Foreign key to the ConfigurationFileType table.
Name	<i>Type:</i> text (max 100 characters) The name of the configuration file.
Revision	<i>Type:</i> integer The revision of the configuration file.
XMLFile	<i>Type:</i> text The content of the configuration file.

MasterConfigurationFileDescription Table

Table 25: Database columns for MasterConfigurationFileDescription table

Database Column	Details
MasterConfigurationFileDescriptionID	<i>Type:</i> integer. Key A unique identifier for the insert type.
CultureType	<i>Type:</i> text (max 12 characters). Key The unique name of the culture type.
DescriptionText	<i>Type:</i> text The text description used to show what has changed in an update for the MasterConfigurationFile dataset.

MasterConfigurationFileOptionState Table

MasterConfigurationFileOptionState is a static table storing the usage option of the inventory agents settings file.

Table 26: Database columns for MasterConfigurationFileOptionState table

Database Column	Details
MasterConfigurationFileOptionStateID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each MasterConfigurationFileOptionState. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Always download latest version • 2 = Never download • 3 = Only download authorized version.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the culture type.
DefaultValue	<i>Type:</i> text (max 256 characters) The text description used to show what has changed in an update for the MasterConfigurationFile dataset.

MasterConfigurationFileSelection Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 27: Database columns for MasterConfigurationFileSelection table

Database Column	Details
MasterConfiguration FileSelectionID	Type: integer. Key. Generated ID A unique identifier for the insert type.
Revision	Type: integer. Nullable The revision of MasterConfigurationFile that was selected for this tenant.
UpdatedBy	Type: text (max 400 characters) The compliance user/administrator who updated this data last.
UpdatedDate	Type: datetime The date and time the record was last updated.
MasterConfiguration FileOptionStateID	Type: integer The specified selection of the type of update allowed for this tenant.

MasterConfigurationFileVersions Table

Table 28: Database columns for MasterConfigurationFileVersions table

Database Column	Details
MasterConfiguration FileVersionsID	Type: integer. Key. Generated ID A unique identifier for the insert type.
ConfigurationFileTypeID	Type: integer. Key The configuration file type. Foreign key to the ConfigurationFileType table.
Name	Type: text (max 100 characters) Name column originates in MasterConfigurationFile table.
Revision	Type: integer. Key Revision column originates in MasterConfigurationFile table.
XMLFile	Type: text XMLFile column originates in MasterConfigurationFile table.

Database Column	Details
Depricated	<i>Type:</i> boolean Indicates when a file has been depricated.
MasterConfiguration FileDescriptionID	<i>Type:</i> integer. Key. Nullable The text description used to show what has changed in an update for the MasterConfigurationFile dataset.
DateCreated	<i>Type:</i> datetime The date and time the current record was created.

OperatorTenantSetting Table

OperatorTenantSetting is a multi-tenant table that stores configuration and preferences for each operator per tenant



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 29: Database columns for OperatorTenantSetting table

Database Column	Details
OperatorTenantSettingID	<i>Type:</i> integer. Key. Generated ID Unique identifier of an operator tenant setting, this is a primary key.
ComplianceOperatorID	<i>Type:</i> integer. Key The operator of the setting. Foreign key to the ComplianceOperator table.
SettingNameID	<i>Type:</i> integer. Key ID of the setting name. Foreign key to the SettingName table.
SettingValue	<i>Type:</i> text (max 512 characters). Nullable Value of the setting.

ResourceStringCultureType Table

The ResourceStringCultureType table holds all translations of all the resource strings.

Table 30: Database columns for ResourceStringCultureType table

Database Column	Details
ResourceString	<i>Type:</i> text (max 256 characters). Key A unique identifier for a resource string. Foreign key to the ComplianceResourceString table.
CultureType	<i>Type:</i> text (max 12 characters). Key A unique identifier for a culture type. Foreign key to the ComplianceCultureType table.
ResourceValue	<i>Type:</i> text (max 1000 characters) A translated resource string.

RightDefinition Table

RightDefinition defines additional access rights that supplement the built-in rights.

Table 31: Database columns for RightDefinition table

Database Column	Details
RightDefinitionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a right definition.
ResourceName	<i>Type:</i> text (max 16 characters). Key Resource (such as inventory, usage tracking, and so on) that access right relates to. Foreign key to the Resource table.
ActionClassName	<i>Type:</i> text (max 16 characters). Key Action class (such as modify, read, and so on) of access right. Foreign key to the ActionClass table.
ParentFeature	<i>Type:</i> text (max 50 characters) The product feature to which this access right applies.
Title	<i>Type:</i> text (max 1000 characters) Default value for access right title.
TitleResourceString	<i>Type:</i> text (max 256 characters). Key. Nullable The unique name of the localizable resource string representing an access right. Foreign key to the ComplianceResourceString table.

Database Column	Details
MinAccessType	<p>Type: text (max 50 characters). Nullable</p> <p>Minimum access type that allows this right. Possible values include NoAccess, ReadOnlyAccess, NormalAccess, AdministratorAccess and CustomAccess.</p>
DisplayIndex	<p>Type: integer. Nullable</p> <p>Order in which rights are displayed (smaller numbers are displayed first).</p> <p>FlexNet Manager Suite built-in rights have the value 100.</p>

SettingName Table

SettingName is a static table containing ids of setting names that are referenced by ComplianceTenantSetting and OperatorTenantSetting tables.

Table 32: Database columns for SettingName table

Database Column	Details
SettingNameID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a setting name.</p>
Name	<p>Type: text (max 128 characters). Key</p> <p>Name of the setting.</p>

TimezoneType Table

This table stores a collection of timezonetypes.

Table 33: Database columns for TimezoneType table

Database Column	Details
TimezoneTypeID	<p>Type: integer. Key. Generated ID</p> <p>Unique identifier for a TimezoneType.</p>
TimezoneID	<p>Type: text (max 128 characters)</p> <p>The .NET representation of the time zone id.</p>
ResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing a timezone type. Foreign key to the ComplianceResourceString table.</p>

Database Column	Details
DefaultValue	Type: text (max 256 characters) The default display timezone name

Compliance.Logic.Assets Tables

The complete set of database tables documented here includes:

- AcquisitionMode table (see [AcquisitionMode Table](#))
- Asset table (see [Asset Table](#))
- AssetComplianceColumn table (see [AssetComplianceColumn Table](#))
- AssetComplianceStatus table (see [AssetComplianceStatus Table](#))
- AssetContract table (see [AssetContract Table](#))
- AssetPropertyValue table (see [AssetPropertyValue Table](#))
- AssetPurchaseOrder table (see [AssetPurchaseOrder Table](#))
- AssetStatus table (see [AssetStatus Table](#))
- AssetType table (see [AssetType Table](#))
- AssetTypeProperty table (see [AssetTypeProperty Table](#))
- AssetWarrantyType table (see [AssetWarrantyType Table](#))
- DepreciationMethod table (see [DepreciationMethod Table](#))
- EndOfLifeReason table (see [EndOfLifeReason Table](#))
- LeaseEndReason table (see [LeaseEndReason Table](#))

AcquisitionMode Table

AcquisitionMode is a static table listing all the methods by which a company may obtain an asset.

Table 34: Database columns for AcquisitionMode table

Database Column	Details
AcquisitionModeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each AcquisitionMode. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Purchased • 2 = Leased • 3 = Rented • 4 = Loaned.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an acquisition mode. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the mode resource string has no translation.</p>

Asset Table

The Asset table contains details of all the assets being managed within FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 35: Database columns for Asset table

Database Column	Details
AssetID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for an asset.</p>
ParentAssetID	<p>Type: integer. Key. Nullable</p> <p>The parent asset. Foreign key to another asset in this same Asset table.</p>
ShortDescription	<p>Type: text (max 256 characters)</p> <p>A brief description of the asset.</p>
SerialNumber	<p>Type: text (max 150 characters). Key. Nullable</p> <p>The serial number of the asset.</p>

Database Column	Details
AssetTypeID	<i>Type:</i> integer. Key The asset type. Foreign key to the AssetType table.
AssetTag	<i>Type:</i> text (max 256 characters). Nullable A user-defined asset tag for a particular asset. This may be a barcode number.
AssetStatusID	<i>Type:</i> integer. Key The status of the asset. Defaults to Purchased. Foreign key to the AssetStatus table.
PurchasePrice	<i>Type:</i> currency. Nullable The purchase price of the asset.
PurchasePriceRateID	<i>Type:</i> integer. Nullable The currency rate to apply to the purchase price of the asset. Foreign key to the CurrencyRate table.
AcquisitionModeID	<i>Type:</i> integer. Nullable The method of acquisition used for the asset. Defaults to Purchased. Foreign key to the AcquisitionMode table.
PrimaryPurchaseOrderNo	<i>Type:</i> text (max 50 characters). Nullable The purchase order number which was used to purchase the asset.
PrimaryPurchaseOrderDate	<i>Type:</i> datetime. Nullable The date the primary purchase order was made.
VendorID	<i>Type:</i> integer. Key. Nullable The vendor from whom the asset was purchased. Foreign key to the Vendor table.
Manufacturer	<i>Type:</i> text (max 200 characters). Nullable The manufacturer of the asset.
ManufacturerPartNo	<i>Type:</i> text (max 100 characters). Nullable The manufacturer's part number for this asset.
ModelNo	<i>Type:</i> text (max 200 characters). Nullable The model number of the asset.
DeliveryDate	<i>Type:</i> datetime. Nullable The date the asset was received.
AssetWarrantyTypeID	<i>Type:</i> integer The type of warranty for the asset. Defaults to None. Foreign key to the AssetWarrantyType table.

Database Column	Details
WarrantyExpirationDate	<i>Type:</i> datetime. Nullable The date the warranty expires.
InstallationDate	<i>Type:</i> datetime. Nullable The date the asset was installed.
RetirementDate	<i>Type:</i> datetime. Nullable The date the asset was retired.
DisposalDate	<i>Type:</i> datetime. Nullable The date the asset was disposed of.
DeletionDate	<i>Type:</i> datetime. Nullable The date the asset was deleted.
InventoryDate	<i>Type:</i> datetime. Nullable The date the asset last had inventory reported.
InventoryAgent	<i>Type:</i> text (max 64 characters). Nullable The name of the person or tool that performed the last inventory.
InventoryDateManual	<i>Type:</i> datetime. Nullable The date the asset last had inventory updated (entered) manually.
InventoryAgentManual	<i>Type:</i> text (max 64 characters). Nullable The name of the person or tool that performed the last manual inventory.
RequestNo	<i>Type:</i> text (max 60 characters). Nullable The request number for the asset.
PartNo	<i>Type:</i> text (max 100 characters). Nullable The vendor's part number for this asset.
IsLeased	<i>Type:</i> boolean Flag to indicate if this asset is leased. This field is no longer in use in FlexNet Manager Suite.
LeaseNo	<i>Type:</i> text (max 60 characters). Nullable The contract number of the lease agreement for this asset.
LeaseName	<i>Type:</i> text (max 100 characters). Nullable A contract name of the lease agreement for this asset.
LeaseStartDate	<i>Type:</i> datetime. Nullable The start date of the lease for this asset.

Database Column	Details
LeaseEndDate	<i>Type:</i> datetime. Nullable The end date of the lease for this asset.
LeaseTerminationDate	<i>Type:</i> datetime. Nullable The date that the lease for this asset is terminated.
LeaseEndReasonID	<i>Type:</i> integer The reason for the end of lease for this asset.
LeasePrice	<i>Type:</i> currency. Nullable The purchase price of the lease for this individual asset.
LeasePriceRateID	<i>Type:</i> integer. Nullable The purchase price of the lease currency rate for this individual asset.
LeasePeriodicPayment	<i>Type:</i> currency. Nullable The price of periodic payments associated with this contract.
LeasePeriodicPaymentRateID	<i>Type:</i> integer. Nullable The price of periodic payments currency rate associated with this contract.
LeasePeriodTypeID	<i>Type:</i> integer The frequency with which the lease payments are applicable.
LeaseBuyoutCost	<i>Type:</i> currency. Nullable The buyout cost of the lease for this asset.
LeaseBuyoutCostRateID	<i>Type:</i> integer. Nullable The buyout cost of the lease currency rate associated for this asset.
LeaseComments	<i>Type:</i> text. Nullable Comments recorded about the lease for this asset. This field is no longer in use in FlexNet Manager Suite.
AssignToUserID	<i>Type:</i> integer. Key. Nullable The end-user the asset has been assigned to. Foreign key to the ComplianceUser table.
Comments	<i>Type:</i> text. Nullable Comments entered about the asset.
ChargeBackPrice	<i>Type:</i> currency. Nullable Amount to be charged back for the use of this asset. No calculations based on this charge and the frequency will be provided.

Database Column	Details
ChargeBackPriceRateID	<p><i>Type:</i> integer. Nullable</p> <p>The currency rate to be applied to the charge back value of the asset. Foreign key to the CurrencyRate table.</p>
ChargeBackPeriodTypeID	<p><i>Type:</i> integer</p> <p>The frequency with which the charge back price is charged. Defaults to None. Foreign key to the PeriodType table.</p>
EndOfLifeRecipient	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The person or organization who received the asset when it was disposed of.</p>
EndOfLifeReasonID	<p><i>Type:</i> integer</p> <p>The reason the asset was disposed of. Foreign key to the EndOfLifeReason table.</p>
ResalePrice	<p><i>Type:</i> currency. Nullable</p> <p>The amount the asset was sold for.</p>
ResalePriceRateID	<p><i>Type:</i> integer. Nullable</p> <p>The currency rate to be applied to the resale price of the asset. Foreign key to the CurrencyRate table.</p>
CreationUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator who created the record.</p>
CreationDate	<p><i>Type:</i> datetime</p> <p>The date the record was created.</p>
UpdatedUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator who last updated the record.</p>
UpdatedDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the record was last updated.</p>
LocationID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise location associated with this asset. Foreign key to the GroupEx table.</p>
BusinessUnitID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any corporate unit in the enterprise associated with this asset. Foreign key to the GroupEx table.</p>
CostCenterID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any cost center in the enterprise associated with this asset. Foreign key to the GroupEx table.</p>

Database Column	Details
CategoryID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>Any enterprise category associated with this asset. Foreign key to the GroupEx table.</p>
DepreciationCurrentValue	<p>Type: currency. Nullable</p> <p>The current value of the asset, after depreciation has been applied.</p>
DepreciationCurrentValueRateID	<p>Type: integer. Nullable</p> <p>The currency rate to be applied to the depreciation current value of the asset. Foreign key to the CurrencyRate table.</p>
DepreciationResidualValue	<p>Type: currency. Nullable</p> <p>The residual value of the asset (value when fully depreciated).</p>
DepreciationResidualValueRateID	<p>Type: integer. Nullable</p> <p>The currency rate to be applied to the residual value of the asset. Foreign key to the CurrencyRate table.</p>
DepreciationMethodID	<p>Type: integer. Nullable</p> <p>The depreciation method (straight line or residual value). Foreign key to the DepreciationMethod table.</p>
DepreciationPeriod	<p>Type: integer</p> <p>The depreciation period (in years), for customers to use for straight line depreciation.</p>
DepreciationRate	<p>Type: decimal. Nullable</p> <p>The annual depreciation rate (as a percentage - like 50% per year), for customers to use for residual value depreciation. Stored as a value between 0 (for 0%) and 1 (for 100%).</p>
WrittenOffValue	<p>Type: currency. Nullable</p> <p>The written-off value is the value of the asset at the time of retirement/disposal.</p>
WrittenOffValueRateID	<p>Type: integer. Nullable</p> <p>The currency rate to be applied to the written-off value of the asset. Foreign key to the CurrencyRate table.</p>

AssetComplianceColumn Table

The AssetComplianceColumn table lists the columns (or aspects of the asset record) for which compliance changes can be tracked.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 36: Database columns for AssetComplianceColumn table

Database Column	Details
AssetComplianceColumnID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each AssetComplianceColumn. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Operating System • 2 = Service Pack • 3 = Number of Processors • 4 = Processor Type • 5 = Max Clock Speed • 6 = Total Memory • 7 = Chassis Type • 8 = Number of Hard Drives • 9 = Total Disk Size • 10 = Number of Network Cards • 11 = Number of Display Adapters • 12 = IP Address • 13 = MAC Address • 14 = Host • 15 = Number of Cores • 16 = Number of Threads.
ColumnNameResourceName	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing a compliance-tracked column. Foreign key to the ComplianceResourceString table.</p>
ColumnName	<p><i>Type:</i> text (max 128 characters). Key</p> <p>The text to display if the column resource string has no translation.</p>
IsColumnNumeric	<p><i>Type:</i> boolean</p> <p>Indicates whether the column is numeric (True) or a string (False).</p>
ComplianceAction	<p><i>Type:</i> integer</p> <p>Bitwise value to indicate what type of action to track change on.</p>

Database Column	Details
TrackComplianceBitwise Value	Type: integer Bitwise value indicating which asset types compliance tracking is turned on for.

AssetComplianceStatus Table

AssetComplianceStatus is a static table listing possible asset compliance states, such as compliant, new, changed, or ignored.

Table 37: Database columns for AssetComplianceStatus table

Database Column	Details
AssetComplianceStatusID	Type: integer. Key. Generated ID A unique identifier for each AssetComplianceStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = New • 2 = Compliant • 3 = Changed • 4 = Ignore.
StatusResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing an asset compliance status. Foreign key to the ComplianceResourceString table.
StatusDefaultValue	Type: text (max 100 characters) The text to display if the status resource string has no translation.

AssetContract Table

The AssetContract table links assets to related contracts.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 38: Database columns for AssetContract table

Database Column	Details
AssetContractID	Type: integer. Key. Generated ID A unique identifier for this record.
ContractID	Type: integer. Key The contract linked to the asset. Foreign key to the Contract table.
AssetID	Type: integer. Key The asset linked to the contract. Foreign key to the Asset table.

AssetPropertyValue Table

For each asset, AssetPropertyValue stores the values for the custom properties defined in AssetTypeProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 39: Database columns for AssetPropertyValue table

Database Column	Details
AssetPropertyValueID	Type: integer. Key. Generated ID A unique identifier for this record.
AssetTypePropertyID	Type: integer. Key The property whose value is being stored. The type of the asset should match the type that the property is associated with. Foreign key to the AssetTypeProperty table.
AssetID	Type: integer. Key The asset associated with the property value. Foreign key to the Asset table.
PropertyValue	Type: text (max 4000 characters) The value of the property for the specified Asset.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.

Database Column	Details
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.

AssetPurchaseOrder Table

The AssetPurchaseOrder table links assets to related purchase order lines.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 40: Database columns for AssetPurchaseOrder table

Database Column	Details
AssetID	Type: integer. Key The asset linked to a purchase order. Foreign key to the Asset table.
PurchaseOrderDetailID	Type: integer. Key The purchase order line linked to an asset. Foreign key to the PurchaseOrderDetail table.

AssetStatus Table

AssetStatus is a static table storing a list of possible asset states, such as purchased, in storage, installed, retired, disposed and other.

Table 41: Database columns for AssetStatus table

Database Column	Details
AssetStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each AssetStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Purchased • 2 = In Storage • 3 = Installed • 4 = Retired • 5 = Disposed • 6 = Other.
StatusResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an asset status. Foreign key to the ComplianceResourceString table.</p>
StatusDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

AssetType Table

AssetType stores the collection of the types of assets that can be created in FlexNet Manager Suite.

Table 42: Database columns for AssetType table

Database Column	Details
AssetTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each AssetType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Workstation • 2 = Server • 3 = Monitor • 4 = Desk • 5 = Chair • 6 = Printer • 7 = Router • 8 = Switch • 9 = Telephone • 10 = Cell phone • 11 = Laptop. • 12 = Mobile Device.
AssetTypeResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing a document type. Foreign key to the ComplianceResourceString table.</p>
AssetTypeName	<p>Type: text (max 64 characters). Key</p> <p>The text to display if the type resource string has no translation.</p>
XMLFile	<p>Type: text. Nullable</p> <p>The layout of the property dialog for this type of asset, stored in XML format.</p>
ParentAssetTypeID	<p>Type: integer. Nullable</p> <p>An asset type which is a parent of this asset type. Foreign key to the same AssetType table.</p>
ManagedType	<p>Type: boolean. Key</p> <p>Set this field to True if this type of asset is directly managed by FlexNet Manager Suite (for example, laptops, servers and workstations).</p>
BitwiseValue	<p>Type: integer</p> <p>The bitwise value of the asset type. This value is used when tracking compliance changes for assets linked to computers.</p>

AssetTypeProperty Table

AssetTypeProperty defines extra custom properties for all assets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 43: Database columns for AssetTypeProperty table

Database Column	Details
AssetTypePropertyID	Type: integer. Key. Generated ID A unique identifier for a property of an asset type.
PropertyName	Type: text (max 256 characters). Key The name of the property.
AssetTypeID	Type: integer. Key. Nullable Asset type with which this property is associated. Foreign key to the AssetType table.
HardwareClassName	Type: text (max 256 characters). Nullable The WMI class name associated with this property. This field applies for hardware properties that are mapped to hardware inventory tables.
HardwarePropertyName	Type: text (max 256 characters) The WMI property name associated with this property. This field applies for hardware properties that are mapped to hardware inventory tables.
CustomPropertyDisplayXMLID	Type: integer. Nullable Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

AssetWarrantyType Table

AssetWarrantyType is a static table listing all the types of warranties.

Table 44: Database columns for AssetWarrantyType table

Database Column	Details
AssetWarrantyTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each AssetWarrantyType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = None • 2 = One year on site • 3 = Three years on site.
WarrantyTypeResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an asset warranty type. Foreign key to the ComplianceResourceString table.</p>
WarrantyTypeDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

DepreciationMethod Table

DepreciationMethod is a static table storing the collection of available depreciation methods.

Table 45: Database columns for DepreciationMethod table

Database Column	Details
DepreciationMethodID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each DepreciationMethod. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Straight line • 2 = Residual value.
ResourceName	<p><i>Type:</i> text (max 50 characters). Key</p> <p>The unique name of the localizable resource string representing a depreciation method. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the method resource string has no translation.</p>

EndOfLifeReason Table

EndOfLifeReason is a static table storing the collection of all reasons for disposing of an asset.

Table 46: Database columns for EndOfLifeReason table

Database Column	Details
EndOfLifeReasonID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each EndOfLifeReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = [empty string] • 2 = Lost • 3 = Stolen • 4 = Disposed • 5 = Sold • 6 = Donated • 7 = Broken.
ResourceName	<p><i>Type:</i> text (max 50 characters). Key</p> <p>The unique name of the localizable resource string representing an end-of-life reason. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the reason resource string has no translation.</p>

LeaseEndReason Table

LeaseEndReason is a static table listing all the reasons that a company terminates a lease.

Table 47: Database columns for LeaseEndReason table

Database Column	Details
LeaseEndReasonID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each LeaseEndReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = [empty string] • 2 = Lease Ended - Asset Returned • 3 = Early Termination - Asset Returned • 4 = Buyout • 5 = Early Buyout • 6 = Trade.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a lease-end reason. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the reason resource string has no translation.</p>

Compliance.Logic.Beacon Tables

The complete set of database tables documented here includes:

- ActiveDirectoryComputer table (see [ActiveDirectoryComputer Table](#))
- ActiveDirectoryDomain table (see [ActiveDirectoryDomain Table](#))
- ActiveDirectoryGroup table (see [ActiveDirectoryGroup Table](#))
- ActiveDirectoryMember table (see [ActiveDirectoryMember Table](#))
- ActiveDirectoryUser table (see [ActiveDirectoryUser Table](#))
- AdministrationAccount table (see [AdministrationAccount Table](#))
- AppVPackageMapping table (see [AppVPackageMapping Table](#))
- AvailablePackage table (see [AvailablePackage Table](#))
- AvailablePackageType table (see [AvailablePackageType Table](#))
- BaselineImport table (see [BaselineImport Table](#))
- Beacon table (see [Beacon Table](#))
- BeaconActivityStatus table (see [BeaconActivityStatus Table](#))

- BeaconAdministrationAccount table (see [BeaconAdministrationAccount Table](#))
- BeaconAgentEvent table (see [BeaconAgentEvent Table](#))
- BeaconDiscoveryStatus table (see [BeaconDiscoveryStatus Table](#))
- BeaconDiscoveryTaskSummaryStatus table (see [BeaconDiscoveryTaskSummaryStatus Table](#))
- BeaconDownloadedPolicy table (see [BeaconDownloadedPolicy Table](#))
- BeaconExecutionStatusType table (see [BeaconExecutionStatusType Table](#))
- BeaconFilter table (see [BeaconFilter Table](#))
- BeaconGroup table (see [BeaconGroup Table](#))
- BeaconGroupBeaconMapping table (see [BeaconGroupBeaconMapping Table](#))
- BeaconGroupBeaconTargetMapping table (see [BeaconGroupBeaconTargetMapping Table](#))
- BeaconIssueStatus table (see [BeaconIssueStatus Table](#))
- BeaconIssueStatusType table (see [BeaconIssueStatusType Table](#))
- BeaconPolicy table (see [BeaconPolicy Table](#))
- BeaconPolicyPropertyValue table (see [BeaconPolicyPropertyValue Table](#))
- BeaconPropertyValue table (see [BeaconPropertyValue Table](#))
- BeaconRule table (see [BeaconRule Table](#))
- BeaconRuleAction table (see [BeaconRuleAction Table](#))
- BeaconRuleActionPropertyValue table (see [BeaconRuleActionPropertyValue Table](#))
- BeaconRuleBeaconTargetMapping table (see [BeaconRuleBeaconTargetMapping Table](#))
- BeaconSiteSubnetMapping table (see [BeaconSiteSubnetMapping Table](#))
- BeaconTarget table (see [BeaconTarget Table](#))
- BeaconTargetAgentEvent table (see [BeaconTargetAgentEvent Table](#))
- BeaconTargetDiscoveredDeviceMapping table (see [BeaconTargetDiscoveredDeviceMapping Table](#))
- BeaconTargetPropertyValue table (see [BeaconTargetPropertyValue Table](#))
- BeaconTargetSiteMapping table (see [BeaconTargetSiteMapping Table](#))
- BeaconTargetSiteSubnetMapping table (see [BeaconTargetSiteSubnetMapping Table](#))
- BeaconUpgradeMode table (see [BeaconUpgradeMode Table](#))
- BeaconUpgradeStatus table (see [BeaconUpgradeStatus Table](#))
- BeaconWebServerStatus table (see [BeaconWebServerStatus Table](#))
- DiscoveredDeviceDiscoveredBy table (see [DiscoveredDeviceDiscoveredBy Table](#))

- DiscoveredDeviceDiscoveryStatus table (see [DiscoveredDeviceDiscoveryStatus Table](#))
- DiscoveredDeviceInventoryStatus table (see [DiscoveredDeviceInventoryStatus Table](#))
- DiscoveredDeviceTaskDetailedError table (see [DiscoveredDeviceTaskDetailedError Table](#))
- DiscoveredDeviceTaskStatus table (see [DiscoveredDeviceTaskStatus Table](#))
- DiscoveredDeviceTaskStatusHistory table (see [DiscoveredDeviceTaskStatusHistory Table](#))
- DiscoveredDeviceTaskType table (see [DiscoveredDeviceTaskType Table](#))
- ErrorCategory table (see [ErrorCategory Table](#))
- FNMEAAgent table (see [FNMEAAgent Table](#))
- IncomingBaseline table (see [IncomingBaseline Table](#))
- ReconcileSoftwareLicenseReconcileExemptionReason table (see [ReconcileSoftwareLicenseReconcileExemptionReason Table](#))
- RuleDiscoveryActionSummary table (see [RuleDiscoveryActionSummary Table](#))
- RuleInventoryActionSummary table (see [RuleInventoryActionSummary Table](#))
- SoftwareLicenseReconcileExemptionReasonData table (see [SoftwareLicenseReconcileExemptionReasonData Table](#))
- StatusCodeCategory table (see [StatusCodeCategory Table](#))
- UIAlignmentType table (see [UIAlignmentType Table](#))
- UIFieldType table (see [UIFieldType Table](#))
- UIInsertType table (see [UIInsertType Table](#))
- UIItem table (see [UIItem Table](#))
- UIItemTargetSubType table (see [UIItemTargetSubType Table](#))

ActiveDirectoryComputer Table

The ActiveDirectoryComputer table stores the active directory data for computers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 48: Database columns for ActiveDirectoryComputer table

Database Column	Details
ActiveDirectoryComputerID	Type: integer. Key. Generated ID Auto-generated Active Directory computer ID

Database Column	Details
GUID	Type: unique identifier. Key The GUID of the computer.
ComputerName	Type: text (max 64 characters) The computer name.
ActiveDirectoryDomainID	Type: integer. Key Foreign key to the ActiveDirectoryDomain table
SID	Type: text (max 256 characters). Key. Nullable The SID of the computer.

ActiveDirectoryDomain Table

The ActiveDirectoryDomain table stores the active directory domains.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 49: Database columns for ActiveDirectoryDomain table

Database Column	Details
ActiveDirectoryDomainID	Type: integer. Key. Generated ID Auto-generated Active Directory Domain ID
QualifiedName	Type: text (max 100 characters). Key The fully qualified domain name
FlatName	Type: text (max 32 characters) The domain flat name

ActiveDirectoryGroup Table

The ActiveDirectoryGroup table stores the active directory data.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 50: Database columns for ActiveDirectoryGroup table

Database Column	Details
ActiveDirectoryGroupID	Type: integer. Key. Generated ID Auto-generated Active Directory Group ID
GUID	Type: unique identifier. Key The GUID of the AD group.
SID	Type: text (max 256 characters). Key. Nullable The SID of the AD group.
Name	Type: text (max 128 characters). Nullable The AD group name
ActiveDirectoryDomainID	Type: integer. Key Foreign key to the ActiveDirectoryDomain table

ActiveDirectoryMember Table

The ActiveDirectoryMember table stores the active directory data for AD member objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 51: Database columns for ActiveDirectoryMember table

Database Column	Details
GUID	Type: unique identifier. Key The GUID of the member object.
ParentGroupGUID	Type: unique identifier. Key The parent AD group GUID.

ActiveDirectoryUser Table

The ActiveDirectoryUser table stores the active directory data for users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 52: Database columns for ActiveDirectoryUser table

Database Column	Details
ActiveDirectoryUserID	Type: integer. Key. Generated ID Auto-generated Active Directory user ID
GUID	Type: unique identifier. Key The GUID of the user.
SAMAccountName	Type: text (max 20 characters). Key The user name.
ActiveDirectoryDomainID	Type: integer. Key Foreign key to the ActiveDirectoryDomain table
Sid	Type: text (max 256 characters). Key. Nullable The SID of the user.

AdministrationAccount Table

Records the complete set of administration accounts configured on inventory beacons.

Table 53: Database columns for AdministrationAccount table

Database Column	Details
AccountID	Type: integer. Key. Generated ID Unique id for the account.
AccountName	Type: text (max 256 characters). Key The logical name of the account.

AppVPackageMapping Table

The AppVPackageMapping table is a table that maps App-V 4.6 packages to installer evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 54: Database columns for AppVPackageMapping table

Database Column	Details
AppVPackageMappingID	Type: integer. Key. Generated ID Auto-generated App-V 4.6 package mapping ID.
PackageName	Type: text (max 256 characters). Key The App-V 4.6 package name.
PackageVersion	Type: text (max 128 characters). Key The App-V 4.6 package version.
DisplayName	Type: text (max 256 characters) The display name of the software as reported by the installer evidence.
Version	Type: text (max 72 characters) The version of the software as reported by the installer evidence.
Publisher	Type: text (max 200 characters) The publisher of the software as reported by the installer evidence.

AvailablePackage Table

Packages which are available to beacons.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 55: Database columns for AvailablePackage table

Database Column	Details
AvailablePackageID	Type: integer. Key. Generated ID The ID of the available package.
FullName	Type: text (max 256 characters). Key The full path of the package within the repository.
Version	Type: text (max 32 characters). Key The version of the package.
AvailablePackageTypeID	Type: integer. Key The type of the package. Foreign key to the AvailablePackageType table.

Database Column	Details
RelativeURLToOSD	<i>Type:</i> text (max 256 characters) The relative URL to the OSD of the package for use in inventory agent policy.
UseInAgentPolicy	<i>Type:</i> boolean Whether the package should be added to policy for inventory agents.
Build	<i>Type:</i> text (max 8 characters). Key The build number of the package, necessary for choosing between patched versions of the same release.
WebUIRelativeURL	<i>Type:</i> text (max 256 characters). Nullable The relative URL to download the package from WebUI
IsDeprecated	<i>Type:</i> boolean Whether the package is no longer available for use or not.
DeprecationKBName	<i>Type:</i> text (max 256 characters). Nullable Name of KB article which explains deprecation.
DeprecationKBLink	<i>Type:</i> text. Nullable Link to kb article which explains deprecation.

AvailablePackageType Table

Table 56: Database columns for AvailablePackageType table

Database Column	Details
AvailablePackageTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each AvailablePackageType. Possible values are: <ul style="list-style-type: none"> • 1 = Adoption • 2 = Upgrade • 3 = Inventory agent plugin • 4 = Software • 5 = Other • 6 = Inventory beacon upgrade
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a purchase order line item type. Foreign key to the ComplianceResourceString table.

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

BaselineImport Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 57: Database columns for BaselineImport table

Database Column	Details
BaselineImportID	Type: integer. Key. Generated ID The baseline import ID
Type	Type: text (max 16 characters) The baseline type
Date	Type: datetime The date of the baseline import
PurchaseOrderID	Type: integer. Key. Nullable The purchase order for the baseline import
ComplianceOperatorID	Type: integer. Key The compliance operator who performed the baseline import

Beacon Table

The Beacon table contains beacon definition.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 58: Database columns for Beacon table

Database Column	Details
BeaconID	Type: integer. Key. Generated ID Unique ID assigned to each beacon.

Database Column	Details
BeaconUID	Type: unique identifier. Key Unique string ID of the beacon.
BeaconName	Type: text (max 64 characters) Name of the beacon.
BeaconDescription	Type: text (max 256 characters). Nullable Description of the beacon.
BeaconStatus	Type: boolean Boolean indicating to include or exclude Beacon.
LastKnownActivityTime	Type: datetime. Nullable Last known time that communication has been received from the beacon.
ActivityStatusID	Type: integer Last known activity status reported by the beacon.
PolicyDownloadedTime	Type: datetime. Nullable Policy downloaded time
CurrentPolicyRevisionNo	Type: integer. Nullable Last downloaded policy revision number
BeaconLocation	Type: text (max 256 characters). Nullable Location field for Beacon.
PrimaryParentUID	Type: unique identifier. Nullable The parent of the Beacon. For the core Beacon, the PrimaryParentUID is NULL.
BeaconPassword	Type: text (max 64 characters). Nullable The password used by the beacon to authenticate with.
HTTPAccessData	Type: text. Nullable The HTTPEndPointStatus object, used for storing a summary of how to access the sahres on this beacon.
UpgradeModeID	Type: integer The upgrade mode selected for this beacon.
UpgradeStatusID	Type: integer The latest information reported by a beacon about any upgrade activity or changes.
LastKnownPolicy	Type: datetime. Nullable The last known time that the beacon has communicated with the server.

Database Column	Details
Version	Type: text (max 50 characters). Nullable Version of installed beacon on the server
WebServerStatusID	Type: integer The last known time that the beacon has communicated with the server.
UpgradeStatusTime	Type: datetime. Nullable The time the last upgrade status was reported.
AvailablePackageID	Type: integer. Key. Nullable If the beacon upgrade mode is set to specific version, then this stored the specific package to upgrade to.
ParentServerURL	Type: text. Nullable The parent to which this beacon will communicate with.
DownloadURL	Type: text. Nullable The download URL of the parent.
UploadURL	Type: text. Nullable The upload URL of the parent.

BeaconActivityStatus Table

BeaconActivityStatus is a static table listing all of the states of a beacon.

Table 59: Database columns for BeaconActivityStatus table

Database Column	Details
BeaconActivityStatusID	Type: integer. Key. Generated ID
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the BeaconActivityStatus record. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

BeaconAdministrationAccount Table

Records an administration account discovered on an inventory beacon.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 60: Database columns for BeaconAdministrationAccount table

Database Column	Details
AccountID	Type: integer. Key Unique id for the account.
ServerUID	Type: unique identifier. Key Identifies the distribution server which discovered the account.

BeaconAgentEvent Table

The BeaconAgentEvent table contains a list of events that can be included in agent schedules.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 61: Database columns for BeaconAgentEvent table

Database Column	Details
BeaconAgentEventID	Type: integer. Key. Generated ID Unique ID assigned to each beacon agent event.
EventName	Type: text (max 256 characters). Key Event name.
EventUID	Type: unique identifier. Key Event uid.
Value	Type: text An XML representation of the agent event data.

BeaconDiscoveryStatus Table

Discovery and remote execution status of Beacon



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 62: Database columns for BeaconDiscoveryStatus table

Database Column	Details
BeaconDiscoveryStatusID	<i>Type:</i> integer. Key. Generated ID The ID of the beacon discovery status.
ServerUID	<i>Type:</i> unique identifier. Key The inventory beacon that has run the task.
State	<i>Type:</i> text (max 256 characters) State of the discovery/execution - Running/Finished.
StartDateTime	<i>Type:</i> datetime Execution start time.
Duration	<i>Type:</i> integer Duration in Seconds of the discovery execution.
DiscoveredCount	<i>Type:</i> integer Total number of devices discovered.
ExecutionSuccess	<i>Type:</i> integer Total number successful remote executions.
ExecutionFailure	<i>Type:</i> integer Total number failed remote executions.

BeaconDiscoveryTaskSummaryStatus Table

Task summary list for a particular beacon



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 63: Database columns for BeaconDiscoveryTaskSummaryStatus table

Database Column	Details
TaskSummaryStatusID	<i>Type:</i> integer. Key. Generated ID The ID of the device status.
BeaconDiscoveryStatusID	<i>Type:</i> integer. Key The beacon discovery status table which this refers to.

Database Column	Details
TaskTypeID	Type: integer The type of task which was run.
SuccessCount	Type: integer Success count in this particular execution.
FailureCount	Type: integer Failure count in this particular execution.

BeaconDownloadedPolicy Table

The BeaconDownloadedPolicy table contains policies downloaded by inventory beacons.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 64: Database columns for BeaconDownloadedPolicy table

Database Column	Details
BeaconDownloadedPolicyID	Type: integer. Key. Generated ID The ID of the downloaded beacon policy.
RevisionNumber	Type: integer. Key The revision number of this policy.
PolicyXML	Type: XML The beacon policy xml downloaded by inventory beacons.

BeaconExecutionStatusType Table

BeaconExecutionStatusType is a static table listing possible beacon status values.

Table 65: Database columns for BeaconExecutionStatusType table

Database Column	Details
BeaconExecutionStatusTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each BeaconExecutionStatusType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Unknown • 2 = Started • 3 = Not configured • 4 = Running • 5 = Finished • 6 = Stopped
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a batch process type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

BeaconFilter Table

The BeaconFilter table contains target filters.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 66: Database columns for BeaconFilter table

Database Column	Details
BeaconFilterID	<p>Type: integer. Key. Generated ID</p> <p>Unique ID automatically assigned to each beacon target filters.</p>
BeaconTargetID	<p>Type: integer. Key</p> <p>Target this filter refers to.</p>
Include	<p>Type: boolean</p> <p>Boolean string indicating to include or exclude filter value.</p>

Database Column	Details
IsLinked	Type: boolean Boolean indicating if the filter is linked to site/subnet/device or an independent filter.
Value	Type: text (max 256 characters) Filter value.
FilterType	Type: text (max 64 characters) Filter type set for this filter.

BeaconGroup Table

The BeaconGroup table contains beacon groups.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 67: Database columns for BeaconGroup table

Database Column	Details
BeaconGroupID	Type: integer. Key. Generated ID Unique ID automatically assigned to each beacon group.
Name	Type: text (max 100 characters). Key Name identifying the beacon group.
Description	Type: text (max 256 characters). Nullable Name identifying the beacon group.

BeaconGroupBeaconMapping Table

The BeaconGroupBeaconMapping table contains beacon group mapping to beacons.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 68: Database columns for BeaconGroupBeaconMapping table

Database Column	Details
BeaconGroupBeaconMappingID	Type: integer. Key. Generated ID Unique ID automatically assigned to each beacon group mapping.
BeaconGroupID	Type: integer. Key Reference to beacon group defined in the BeaconGroup table.
BeaconID	Type: integer Reference to beacon defined in the Beacon table.

BeaconGroupBeaconTargetMapping Table

The BeaconGroupBeaconTargetMapping table contains beacon group target mapping to beacon targets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 69: Database columns for BeaconGroupBeaconTargetMapping table

Database Column	Details
BeaconGroupBeaconTargetMappingID	Type: integer. Key. Generated ID Unique ID automatically assigned to each beacon group target mapping.
BeaconGroupID	Type: integer. Key Reference to beacon group defined in the BeaconGroup table.
BeaconTargetID	Type: integer Reference to beacon target defined in the BeaconTarget table.

BeaconIssueStatus Table

Records beacon issue detail information.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 70: Database columns for BeaconIssueStatus table

Database Column	Details
BeaconIssueStatusID	<i>Type:</i> integer. Key. Generated ID Unique id for the BeaconIssueStatus.
BeaconID	<i>Type:</i> integer. Key Beacon that this issue status relates to
BeaconIssueStatusTypeID	<i>Type:</i> integer. Key Issue type
IsActive	<i>Type:</i> boolean Policy downloaded time
IssueDetail	<i>Type:</i> text. Nullable Detail information about the issue

BeaconIssueStatusType Table

BeaconIssueStatusType is a static table listing possible beacon alerts.

Table 71: Database columns for BeaconIssueStatusType table

Database Column	Details
BeaconIssueStatusTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each BeaconIssueStatusType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 0 = Unknown • 1 = Policy load • 2 = Policy download • 3 = Discovery execution • 4 = Action execution • 5 = Self hosted web server • 6 = Service exit • 7 = Package download • 8 = Active Directory import • 9 = SAP Inventory import • 10 = SAP recommendation set download • 11 = Beacon self upgrade • 12 = Beacon Parent Configuration
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a batch process type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

BeaconPolicy Table

The BeaconPolicy table contains the beacon policy.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 72: Database columns for BeaconPolicy table

Database Column	Details
BeaconPolicyID	Type: integer. Key. Generated ID The ID of the beacon policy.
RevisionNumber	Type: integer The revision number of this policy.
AgentScheduleData	Type: text. Nullable The Schedule object, used for storing the global schedule for managed devices.
CreationDate	Type: datetime Date and time when the policy was created.
LastChangedOn	Type: datetime. Nullable Date and time that the policy was last modified.
ApprovedBeaconPackageID	Type: integer. Key. Nullable The beacon upgrade package that has been approved by the customer. NULL indicates to stay always on the latest.
LastDiscoveryFullExportTime	Type: datetime. Nullable The last time a discovery export was generated.
LastDiscoveryFullExportVersion	Type: integer. Nullable The revision number of the last full discovery export.
LastTargetRefreshTime	Type: datetime. Nullable The last time special internal targets were recalculated and refreshed.

BeaconPolicyPropertyValue Table

The BeaconPolicyPropertyValue table contains beacon policy property value elements.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 73: Database columns for BeaconPolicyPropertyValue table

Database Column	Details
BeaconPolicyPropertyID	Type: integer. Key. Generated ID Unique ID assigned to each beacon policy property.

Database Column	Details
KeyName	Type: text (max 256 characters). Key Property Key.
Value	Type: text (max 256 characters) Property Value.

BeaconPropertyValue Table

The BeaconPropertyValue table contains beacon property value elements.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 74: Database columns for BeaconPropertyValue table

Database Column	Details
BeaconPropertyID	Type: integer. Key. Generated ID Unique ID assigned to each beacon property.
BeaconID	Type: integer. Key Beacon this property refers to.
KeyName	Type: text (max 256 characters). Key Property Key.
Value	Type: text (max 256 characters) Property Value.

BeaconRule Table

The BeaconRule table contains the details of beacon rules.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 75: Database columns for BeaconRule table

Database Column	Details
BeaconRuleID	<i>Type:</i> integer. Key. Generated ID The ID of the beacon rule.
BeaconRuleActionID	<i>Type:</i> integer. Key The reference of Action from the beacon rule.
RuleName	<i>Type:</i> text (max 128 characters) The name of the rule.
RulePriority	<i>Type:</i> small integer Beacon rules are prioritised according to the rule priority. Higher priority takes precedence over lower priorities.
MaximumAge	<i>Type:</i> integer. Nullable Maximum age of the rule before it is re-scheduled.
ExternalID	<i>Type:</i> unique identifier. Key The ID that exists externally.
BeaconScheduleData	<i>Type:</i> text The Schedule object.
Include	<i>Type:</i> boolean Boolean string indicating to include or exclude rule.
Internal	<i>Type:</i> boolean Is this rule used internally, or managed by the user.
NameResourceName	<i>Type:</i> text (max 256 characters). Nullable Resource for translation of Name column. Foreign key to ComplianceResourceString table.

BeaconRuleAction Table

The BeaconRuleAction table contains beacon rule action.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 76: Database columns for BeaconRuleAction table

Database Column	Details
BeaconRuleActionID	Type: integer. Key. Generated ID Unique ID automatically assigned to each beacon actions.
Name	Type: text (max 100 characters). Key Name of Action.
Description	Type: text (max 256 characters). Nullable Description of Action.
NameResourceName	Type: text (max 256 characters). Nullable Resource for translation of Name column. Foreign key to the ComplianceResourceString table.
DescriptionResourceName	Type: text (max 256 characters). Nullable Resource for translation of Description column. Foreign key to the ComplianceResourceString table.
Internal	Type: boolean Is this action used internally, or managed by the user.

BeaconRuleActionPropertyValue Table

The BeaconRuleActionPropertyValue table contains beacon action property value elements.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 77: Database columns for BeaconRuleActionPropertyValue table

Database Column	Details
BeaconRuleAction PropertyID	Type: integer. Key. Generated ID Unqiue ID assigned to each beacon action property.
BeaconRuleActionID	Type: integer. Key Beacon action this property refers to.
KeyName	Type: text (max 256 characters). Key Property Key.
Value	Type: text Property Value.

BeaconRuleBeaconTargetMapping Table

Table that maps targets to rule.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 78: Database columns for BeaconRuleBeaconTargetMapping table

Database Column	Details
BeaconRuleID	Type: integer. Key Foreign key to the BeaconRule table.
BeaconTargetID	Type: integer. Key Foreign key to the BeaconTarget table.

BeaconSiteSubnetMapping Table

Table that maps site to Beacons.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 79: Database columns for BeaconSiteSubnetMapping table

Database Column	Details
BeaconID	Type: integer. Key Foreign key to the Beacon table.
SubnetID	Type: integer. Key Foreign key to the SiteSubnet table.

BeaconTarget Table

The BeaconTarget table contains beacon rule targets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 80: Database columns for BeaconTarget table

Database Column	Details
BeaconTargetID	Type: integer. Key. Generated ID Unqiue ID automatically assigned to each beacon targets.
Name	Type: text (max 100 characters). Key Name identifying the target.
Description	Type: text (max 256 characters). Nullable Name identifying the target.
Internal	Type: boolean. Key Is this target used internally, or managed by the user.
Visible	Type: boolean Can this target be displayed to the user for selection etc. This does not apply to the actual Targets page.

BeaconTargetAgentEvent Table

Table that maps agent events to targets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 81: Database columns for BeaconTargetAgentEvent table

Database Column	Details
BeaconTargetID	Type: integer. Key Foreign key to the BeaconTarge; table.
BeaconAgentEventUID	Type: unique identifier. Key Foreign key to the BeaconAgentEvent table.

BeaconTargetDiscoveredDeviceMapping Table

Table that maps site to targets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 82: Database columns for BeaconTargetDiscoveredDeviceMapping table

Database Column	Details
BeaconTargetID	Type: integer. Key Foreign key to the BeaconTarget table.
DeviceID	Type: integer. Key Foreign key to the DiscoveredDevice table.
Include	Type: boolean Boolean string indicating to include or exclude Device.

BeaconTargetPropertyValue Table

The BeaconTargetPropertyValue table contains beacon target property value elements.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 83: Database columns for BeaconTargetPropertyValue table

Database Column	Details
BeaconTargetPropertyID	Type: integer. Key. Generated ID Unique ID assigned to each beacon target property.
BeaconTargetID	Type: integer. Key Beacon target this property refers to.
KeyName	Type: text (max 256 characters). Key Property Key.
Value	Type: text (max 4000 characters) Property Value.

BeaconTargetSiteMapping Table

Table that maps site to targets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 84: Database columns for BeaconTargetSiteMapping table

Database Column	Details
BeaconTargetID	Type: integer. Key Foreign key to the BeaconTarget table.
SiteID	Type: integer. Key Foreign key to the Site table.
Include	Type: boolean Boolean string indicating to include or exclude Device.

BeaconTargetSiteSubnetMapping Table

Table that maps site to targets.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 85: Database columns for BeaconTargetSiteSubnetMapping table

Database Column	Details
BeaconTargetID	Type: integer. Key Foreign key to the BeaconTarget table.
SubnetID	Type: integer. Key Foreign key to the SiteSubnet table.
Include	Type: boolean Boolean string indicating to include or exclude Device.

BeaconUpgradeMode Table

BeaconUpgradeMode is a static table listing all of the styles of upgrade that a beacon can follow.

Table 86: Database columns for BeaconUpgradeMode table

Database Column	Details
BeaconUpgradeModeID	Type: integer. Key. Generated ID

Database Column	Details
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the BeaconUpgradeMode record. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

BeaconUpgradeStatus Table

BeaconUpgradeStatus is a static table listing all of the upgrade states that a beacon can be in.

Table 87: Database columns for BeaconUpgradeStatus table

Database Column	Details
BeaconUpgradeStatusID	Type: integer. Key. Generated ID
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the BeaconUpgradeStatus record. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

BeaconWebServerStatus Table

BeaconWebServerStatus is a static table listing all of the states of the beacons web server.

Table 88: Database columns for BeaconWebServerStatus table

Database Column	Details
BeaconWebServerStatusID	Type: integer. Key. Generated ID
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the BeaconWebServerStatus record. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

DiscoveredDeviceDiscoveredBy Table

By which inventory beacon was this device discovered? Sometimes useful when other identifying features are duplicated, and when the distribution server should do something to the device.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 89: Database columns for DiscoveredDeviceDiscoveredBy table

Database Column	Details
DeviceID	Type: integer. Key The id of the device discovered.
ServerUID	Type: unique identifier. Key The inventory beacon that discovered it.
RuleID	Type: integer. Key. Nullable The RuleID executed on the beacon that discovered the device.
CanAdminister	Type: boolean. Nullable Does the distribution server have administrative privileges for the device?
LastUpdate	Type: datetime The date and time that the distribution server last reported its discovery of this device.
AccountID	Type: integer. Key. Nullable Account that can administer the device.
AccountIDOverride	Type: integer. Key. Nullable Account that can administer the device, overridden by the user.

DiscoveredDeviceDiscoveryStatus Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 90: Database columns for DiscoveredDeviceDiscoveryStatus table

Database Column	Details
DeviceID	Type: integer. Key
TaskTypeID	Type: integer. Key
BeaconRuleID	Type: integer. Key Rule that executed this task.
BeaconPolicyRevision Number	Type: integer The beacon policy revision number where rule is found
SessionUID	Type: unique identifier. Nullable
DiscoveryDate	Type: datetime. Nullable
RuleDiscoveryAction SummaryID	Type: integer Rule discovery summary.
BeaconUID	Type: unique identifier. Key. Nullable The inventory beacon that ran the task.

DiscoveredDeviceInventoryStatus Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 91: Database columns for DiscoveredDeviceInventoryStatus table

Database Column	Details
DeviceID	Type: integer. Key
TaskTypeID	Type: integer. Key
BeaconRuleID	Type: integer. Key. Nullable Rule that executed this task.
BeaconPolicyRevision Number	Type: integer. Nullable The beacon policy revision number where rule is found
SessionUID	Type: unique identifier. Nullable
InventoryDate	Type: datetime. Nullable

Database Column	Details
RuleInventoryAction SummaryID	Type: integer Rule action summary.
BeaconUID	Type: unique identifier. Key. Nullable The inventory beacon that ran the task.

DiscoveredDeviceTaskDetailedError Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 92: Database columns for DiscoveredDeviceTaskDetailedError table

Database Column	Details
DiscoveredDeviceTask DetailedErrorID	Type: integer. Key. Generated ID The ID of the discovered device error.
DiscoveredDeviceTask StatusHistoryID	Type: integer. Key Discovered device task status.
Status	Type: text (max 256 characters). Key The status code of task.
DetailedStatus	Type: text. Nullable The detailed error status.

DiscoveredDeviceTaskStatus Table

Records any task status information for DiscoveredDevice.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 93: Database columns for DiscoveredDeviceTaskStatus table

Database Column	Details
DiscoveredDeviceTask StatusID	Type: integer. Key. Generated ID The ID of the discovered device task.

Database Column	Details
DeviceID	Type: integer. Key Device identity number.
TaskTypeID	Type: integer. Key The type of task which was run on the device.
BeaconUID	Type: unique identifier. Key. Nullable The inventory beacon that has run the task.
BeaconRuleID	Type: integer. Key. Nullable Rule that executed this task.
Success	Type: boolean. Key Status of the task. It can be Success OR Failed
Credential	Type: text (max 256 characters). Nullable The credential name for the task performed.
Status	Type: text (max 256 characters) The status code of task.
DetailedStatus	Type: text. Nullable The detailed error status.
StartDateTime	Type: datetime Date and time the task was started.
BeaconPolicyRevision Number	Type: integer. Nullable The beacon policy revision number where rule is found
SessionUID	Type: unique identifier. Nullable An identifier TaskExecutionStatus table
IsSkipTask	Type: boolean Determines whether the task status is a skip task
IsDiscoveryTask	Type: boolean Determines whether the task status is a discovery task

DiscoveredDeviceTaskStatusHistory Table

Records any task status information for DiscoveredDevice.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 94: Database columns for DiscoveredDeviceTaskStatusHistory table

Database Column	Details
DiscoveredDeviceTaskStatusHistoryID	Type: integer. Key. Generated ID The ID of the discovered device task.
DeviceID	Type: integer. Key Device identity number.
TaskTypeID	Type: integer. Key The type of task which was run on the device.
SessionUID	Type: unique identifier. Key An identifier TaskExecutionStatus table
BeaconUID	Type: unique identifier. Key The inventory beacon that has run the task.
BeaconRuleID	Type: integer. Key. Nullable Rule that executed this task.
Success	Type: boolean. Key Status of the task. It can be Success OR Failed
Credential	Type: text (max 256 characters). Nullable The credential name for the task performed.
Status	Type: text (max 256 characters) The status code of task.
DetailedStatus	Type: text. Nullable The detailed error status.
StartDateTime	Type: datetime Date and time the task was started.
BeaconPolicyRevisionNumber	Type: integer. Nullable The beacon policy revision number where rule is found
IsSkipTask	Type: boolean. Key Determines whether the task status is a skip task
IsDiscoveryTask	Type: boolean. Key Determines whether the task status is a discovery task

DiscoveredDeviceTaskType Table

This table stores the information about different types of tasks executed on a discovered device and their associated IDs.

Table 95: Database columns for DiscoveredDeviceTaskType table

Database Column	Details
TaskTypeID	<i>Type:</i> integer. Key. Generated ID The id for the task.
TaskTypeName	<i>Type:</i> text (max 32 characters). Key The name of the task.

ErrorCategory Table

Reported error category

Table 96: Database columns for ErrorCategory table

Database Column	Details
ErrorCategoryID	<i>Type:</i> integer. Key. Generated ID The ID of the error category.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a error category name. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the type resource string has no translation.

FNMEAAgent Table

The FNMEAAgent table stores the FNM-EA connection defined in inventory beacons.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 97: Database columns for FNMEAAgent table

Database Column	Details
FNMEAAgentID	Type: integer. Key. Generated ID Auto-generated FNMEA agent connection ID
BeaconID	Type: integer. Key. Nullable Beacon where the FNM-EA agent connection is defined
AgentIdentifier	Type: unique identifier. Key The GUID of the FNM-EA agent defined on inventory beacon.
AgentName	Type: text (max 128 characters) The FNM-EA agent name defined on inventory beacon.
LastReportedLogRotation	Type: datetime. Nullable Date time of the last report log rotation.
LastReportedAgentStatus	Type: datetime. Nullable Date time of the last reported status.

IncomingBaseline Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 98: Database columns for IncomingBaseline table

Database Column	Details
Type	Type: text (max 16 characters). Key The baseline type
Date	Type: datetime. Key The date of the baseline data
ProductPool	Type: text (max 128 characters). Key The license product pool
ProductFamily	Type: text (max 256 characters). Key The license product family
ProductVersion	Type: text (max 50 characters). Key The license product version

Database Column	Details
EffectiveQuantity	Type: integer The effective quantity of the license
UpgradeQuantity	Type: integer The upgrade quantity of the license
UpgradeWithMaintenanceQuantity	Type: integer The upgrade with maintenance quantity of the license
ActiveSAQuantity	Type: integer The active software assurance quantity of the license
ExpiringSA0To12Months	Type: integer The software assurance quantity expiring within 0-12 months
ExpiringSA12To24Months	Type: integer The software assurance quantity expiring within 12-24 months
ExpiringSA24PlusMonths	Type: integer The software assurance quantity expiring greater than 24 months

ReconcileSoftwareLicenseReconcileExemptionReason Table

The ReconcileSoftwareLicenseReconcileExemptionReason table stores the staging license reconcile generated exemption reasons.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 99: Database columns for ReconcileSoftwareLicenseReconcileExemptionReason table

Database Column	Details
SoftwareLicenseID	Type: integer. Key Foreign key to the SoftwareLicense table
ComplianceComputerID	Type: integer. Key. Nullable Foreign key to the ComplianceComputer table
ComplianceUserID	Type: integer. Key. Nullable Foreign key to the ComplianceUser table

Database Column	Details
SoftwareLicenseExemptionReasonID	Type: integer. Key Foreign key to the SoftwareLicenseExemptionReason table
AccessingUserID	Type: integer. Key. Nullable Foreign key to the AccessingUser table

RuleDiscoveryActionSummary Table

Summary of the discovery action.

Table 100: Database columns for RuleDiscoveryActionSummary table

Database Column	Details
RuleDiscoveryActionSummaryID	Type: integer. Key. Generated ID The ID of the discovery action summary.
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a discovery action summary. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

RuleInventoryActionSummary Table

Summary of the inventory gathering action.

Table 101: Database columns for RuleInventoryActionSummary table

Database Column	Details
RuleInventoryActionSummaryID	Type: integer. Key. Generated ID The ID of the inventory gathering action summary.
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a discovery action summary. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

SoftwareLicenseReconcileExemptionReasonData Table

The SoftwareLicenseReconcileExemptionReasonData table stores the exemption reasons generated by the license reconcile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 102: Database columns for SoftwareLicenseReconcileExemptionReasonData table

Database Column	Details
SoftwareLicenseID	Type: integer. Key Foreign key to the SoftwareLicenseSnapshot table
ComplianceComputerID	Type: integer. Key. Nullable Foreign key to the ComplianceComputerSnapshot table
ComplianceUserID	Type: integer. Key. Nullable Foreign key to the ComplianceUserSnapshot table
SoftwareLicenseExemptionReasonID	Type: integer. Key Foreign key to the SoftwareLicenseExemptionReason table
AccessingUserID	Type: integer. Key. Nullable Foreign key to the AccessingUserSnapshot table
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

StatusCodeCategory Table

Reported error category

Table 103: Database columns for StatusCodeCategory table

Database Column	Details
StatusCodeCategoryID	Type: integer. Key. Generated ID The ID of the error category.
StatusCode	Type: text (max 256 characters). Key Status code.

Database Column	Details
ErrorCategoryID	<i>Type:</i> integer. Nullable An identifier ErrorCategory table

UIAlignmentType Table

Table 104: Database columns for UIAlignmentType table

Database Column	Details
UIAlignmentTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each UIAlignmentType. Possible values are: <ul style="list-style-type: none"> 1 = UseAvailableSpace 2 = ForceLeft 3 = ForceRight
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a insert type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the type resource string has no translation.

UIFieldType Table

Table 105: Database columns for UIFieldType table

Database Column	Details
UIFieldTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each UIFieldType. Possible values are:</p> <ul style="list-style-type: none"> • 1 = Tab • 2 = Section • 3 = Integer • 4 = Text box • 5 = Text area • 6 = Date • 7 = Date and time • 8 = Combo box • 9 = Check box
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a connection type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

UIInsertType Table

Table 106: Database columns for UIInsertType table

Database Column	Details
UIInsertTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each UIInsertType. Possible values are:</p> <ul style="list-style-type: none"> • 1 = Before • 2 = After • 3 = Start of

Database Column	Details
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a insert type. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

UIItem Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 107: Database columns for UIItem table

Database Column	Details
UIItemID	Type: integer. Key. Generated ID
TargetTypeID	Type: integer. Key Type of object. Foreign key to the TargetType table.
ItemResourceName	Type: text (max 256 characters). Key Name of the item
ItemName	Type: text (max 256 characters) Name of the item
UIFieldTypeID	Type: integer. Nullable UI field type if the element type is of type 'field'. Foreign key to the UIFieldType table.
UIInsertTypeID	Type: integer Insert type. Foreign key to UIInsertType table.
UIAlignmentTypeID	Type: integer. Nullable Alignment type. Foreign key to UIAlignmentType table.
TabName	Type: text (max 80 characters) Name of the object to place the UI item.
RelativePositionTo	Type: text (max 80 characters) Name of the object to place the UI item.

Database Column	Details
Position	Type: integer
Width	Type: integer
DataSource	Type: XML. Nullable Date source for item of element type 'field' and of field type combo box . .
SequenceNumber	Type: integer Sequence where items to be added into UI
FromTable	Type: text. Nullable The name of the database table where the field can be found.
SelectName	Type: text. Nullable The name of the field in the database.
WhereClause	Type: text. Nullable The SQL "WHERE" statement that limits the information returned.
Required	Type: boolean Is the field a mandatory field.
StringLength	Type: integer String length.
ReadOnly	Type: boolean Is the field a readonly field.

UIItemTargetSubType Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 108: Database columns for UIItemTargetSubType table

Database Column	Details
UIItemTargetSubTypeID	Type: integer. Key. Generated ID
UIItemID	Type: integer. Key Type of object. Foreign key to the UIItem table.
TargetSubTypeID	Type: integer. Key object subtype. Foreign key to the various object type tables.

Compliance.Logic.Core Tables

The complete set of database tables documented here includes:

- Activity table (see [Activity Table](#))
- ActivitySource table (see [ActivitySource Table](#))
- ActivityTraceLog table (see [ActivityTraceLog Table](#))
- ActivityType table (see [ActivityType Table](#))
- Alert table (see [Alert Table](#))
- AlertCategory table (see [AlertCategory Table](#))
- AlertTarget table (see [AlertTarget Table](#))
- AlertType table (see [AlertType Table](#))
- AssetContractPaymentSchedule table (see [AssetContractPaymentSchedule Table](#))
- Attribute table (see [Attribute Table](#))
- AvailabilityZone table (see [AvailabilityZone Table](#))
- BusinessImportLogDetail table (see [BusinessImportLogDetail Table](#))
- BusinessImportLogObject table (see [BusinessImportLogObject Table](#))
- BusinessImportLogSummary table (see [BusinessImportLogSummary Table](#))
- BusinessImportResult table (see [BusinessImportResult Table](#))
- CloudServiceInstance table (see [CloudServiceInstance Table](#))
- CloudServiceInstanceConnection table (see [CloudServiceInstanceConnection Table](#))
- CloudServiceInstanceMatchingRule table (see [CloudServiceInstanceMatchingRule Table](#))
- CloudServiceInstanceType table (see [CloudServiceInstanceType Table](#))
- CloudServiceProvider table (see [CloudServiceProvider Table](#))
- CloudServiceRegion table (see [CloudServiceRegion Table](#))
- ComplianceComputer table (see [ComplianceComputer Table](#))
- ComplianceComputerConnection table (see [ComplianceComputerConnection Table](#))
- ComplianceComputerContract table (see [ComplianceComputerContract Table](#))
- ComplianceComputerInventorySourceType table (see [ComplianceComputerInventorySourceType Table](#))
- ComplianceComputerPropertyValue table (see [ComplianceComputerPropertyValue Table](#))
- ComplianceComputerRole table (see [ComplianceComputerRole Table](#))
- ComplianceComputerRuleResult table (see [ComplianceComputerRuleResult Table](#))

- ComplianceComputerStatus table (see [ComplianceComputerStatus Table](#))
- ComplianceComputerType table (see [ComplianceComputerType Table](#))
- ComplianceComputerTypeProperty table (see [ComplianceComputerTypeProperty Table](#))
- ComplianceComputerUsage table (see [ComplianceComputerUsage Table](#))
- ComplianceEvent table (see [ComplianceEvent Table](#))
- ComplianceEventAction table (see [ComplianceEventAction Table](#))
- ComplianceEventHistory table (see [ComplianceEventHistory Table](#))
- ComplianceEventState table (see [ComplianceEventState Table](#))
- ComplianceEventType table (see [ComplianceEventType Table](#))
- ComplianceHistory table (see [ComplianceHistory Table](#))
- ComplianceHistoryColumn table (see [ComplianceHistoryColumn Table](#))
- ComplianceHistoryType table (see [ComplianceHistoryType Table](#))
- ComplianceImage table (see [ComplianceImage Table](#))
- ComplianceLicenseUser table (see [ComplianceLicenseUser Table](#))
- CompliancePredefinedSearch table (see [CompliancePredefinedSearch Table](#))
- ComplianceResponsibility table (see [ComplianceResponsibility Table](#))
- ComplianceSavedSearch table (see [ComplianceSavedSearch Table](#))
- ComplianceSchedule table (see [ComplianceSchedule Table](#))
- ComplianceSearchFolder table (see [ComplianceSearchFolder Table](#))
- ComplianceSearchType table (see [ComplianceSearchType Table](#))
- ComplianceSearchTypeColumn table (see [ComplianceSearchTypeColumn Table](#))
- ComplianceSearchTypeRelation table (see [ComplianceSearchTypeRelation Table](#))
- ComplianceTask table (see [ComplianceTask Table](#))
- ComplianceTenantSettingHistory table (see [ComplianceTenantSettingHistory Table](#))
- ComplianceUserPropertyValue table (see [ComplianceUserPropertyValue Table](#))
- ComplianceUserTypeProperty table (see [ComplianceUserTypeProperty Table](#))
- ComputerChassisType table (see [ComputerChassisType Table](#))
- ConsolidatedLicenseUser table (see [ConsolidatedLicenseUser Table](#))
- ConsolidationType table (see [ConsolidationType Table](#))
- Contract table (see [Contract Table](#))

- ContractNote table (see [ContractNote Table](#))
- ContractNotification table (see [ContractNotification Table](#))
- ContractNotificationResponsibility table (see [ContractNotificationResponsibility Table](#))
- ContractProperty table (see [ContractProperty Table](#))
- ContractPropertyValue table (see [ContractPropertyValue Table](#))
- ContractScopingData table (see [ContractScopingData Table](#))
- ContractSecurityUser table (see [ContractSecurityUser Table](#))
- ContractState table (see [ContractState Table](#))
- ContractStatus table (see [ContractStatus Table](#))
- ContractType table (see [ContractType Table](#))
- ContractUseRight table (see [ContractUseRight Table](#))
- ContractUseRightIBM table (see [ContractUseRightIBM Table](#))
- ContractVendor table (see [ContractVendor Table](#))
- CurrencyRate table (see [CurrencyRate Table](#))
- CurrencyRateSnapshot table (see [CurrencyRateSnapshot Table](#))
- CustomPropertyDisplayXML table (see [CustomPropertyDisplayXML Table](#))
- DisplayXML table (see [DisplayXML Table](#))
- Document table (see [Document Table](#))
- DocumentHistory table (see [DocumentHistory Table](#))
- DocumentNote table (see [DocumentNote Table](#))
- DocumentType table (see [DocumentType Table](#))
- Event table (see [Event Table](#))
- EventLogCategory table (see [EventLogCategory Table](#))
- EventLogDetail table (see [EventLogDetail Table](#))
- EventLogLevel table (see [EventLogLevel Table](#))
- EventLogStatus table (see [EventLogStatus Table](#))
- EventLogSummary table (see [EventLogSummary Table](#))
- EventParameter table (see [EventParameter Table](#))
- EventParameterType table (see [EventParameterType Table](#))
- EventSeverity table (see [EventSeverity Table](#))

- EventTarget table (see [EventTarget Table](#))
- EventType table (see [EventType Table](#))
- EventTypeStatus table (see [EventTypeStatus Table](#))
- ILMTPVUCounts table (see [ILMTPVUCounts Table](#))
- ImportResolverErrorResult table (see [ImportResolverErrorResult Table](#))
- ImportResolverType table (see [ImportResolverType Table](#))
- InstalledSoftwareAttribute table (see [InstalledSoftwareAttribute Table](#))
- Instance table (see [Instance Table](#))
- InstanceAttribute table (see [InstanceAttribute Table](#))
- InstanceEnvironment table (see [InstanceEnvironment Table](#))
- InstancePropertyValue table (see [InstancePropertyValue Table](#))
- InstanceRole table (see [InstanceRole Table](#))
- InstanceTenancy table (see [InstanceTenancy Table](#))
- InstanceType table (see [InstanceType Table](#))
- InstanceTypeProperty table (see [InstanceTypeProperty Table](#))
- InstanceUser table (see [InstanceUser Table](#))
- IntervalType table (see [IntervalType Table](#))
- LicenseUser table (see [LicenseUser Table](#))
- LicenseUserConnection table (see [LicenseUserConnection Table](#))
- LicenseUserExcluded table (see [LicenseUserExcluded Table](#))
- LicenseUserType table (see [LicenseUserType Table](#))
- LogFile table (see [LogFile Table](#))
- MSEAARLSoftwareTitleEdition table (see [MSEAARLSoftwareTitleEdition Table](#))
- MSSelectLevel table (see [MSSelectLevel Table](#))
- MSSelectPool table (see [MSSelectPool Table](#))
- MobileDevice table (see [MobileDevice Table](#))
- NotificationItem table (see [NotificationItem Table](#))
- NotificationTemplate table (see [NotificationTemplate Table](#))
- NotificationType table (see [NotificationType Table](#))
- OperatorManageState table (see [OperatorManageState Table](#))

- OperatorTaskTypeSetting table (see [OperatorTaskTypeSetting Table](#))
- OracleInstance table (see [OracleInstance Table](#))
- PaymentSchedule table (see [PaymentSchedule Table](#))
- PaymentScheduleCategory table (see [PaymentScheduleCategory Table](#))
- PaymentScheduleDetail table (see [PaymentScheduleDetail Table](#))
- PaymentScheduleDetailPaymentStatus table (see [PaymentScheduleDetailPaymentStatus Table](#))
- PaymentScheduleTerm table (see [PaymentScheduleTerm Table](#))
- PaymentScheduleType table (see [PaymentScheduleType Table](#))
- Project table (see [Project Table](#))
- PurchaseOrder table (see [PurchaseOrder Table](#))
- PurchaseOrderDetail table (see [PurchaseOrderDetail Table](#))
- PurchaseOrderDetailProperty table (see [PurchaseOrderDetailProperty Table](#))
- PurchaseOrderDetailPropertyValue table (see [PurchaseOrderDetailPropertyValue Table](#))
- PurchaseOrderDetailStatus table (see [PurchaseOrderDetailStatus Table](#))
- PurchaseOrderDetailType table (see [PurchaseOrderDetailType Table](#))
- PurchaseOrderProperty table (see [PurchaseOrderProperty Table](#))
- PurchaseOrderPropertyValue table (see [PurchaseOrderPropertyValue Table](#))
- PurchaseOrderStatus table (see [PurchaseOrderStatus Table](#))
- PurchaseOrderType table (see [PurchaseOrderType Table](#))
- PurchaseProgram table (see [PurchaseProgram Table](#))
- QuerySnapshot table (see [QuerySnapshot Table](#))
- RelationType table (see [RelationType Table](#))
- ResponsibilityType table (see [ResponsibilityType Table](#))
- RestrictedAccessType table (see [RestrictedAccessType Table](#))
- RulesEngineRuleDefinition table (see [RulesEngineRuleDefinition Table](#))
- RulesEngineRuleType table (see [RulesEngineRuleType Table](#))
- SAMLConfiguration table (see [SAMLConfiguration Table](#))
- SecurityType table (see [SecurityType Table](#))
- SerialNumberBlackList table (see [SerialNumberBlackList Table](#))
- SessionUIDBeacon table (see [SessionUIDBeacon Table](#))

- ShippingMethod table (see [ShippingMethod Table](#))
- SoftwareLicenseContractPaymentSchedule table (see [SoftwareLicenseContractPaymentSchedule Table](#))
- SystemShutdown table (see [SystemShutdown Table](#))
- TaskExecutionStatus table (see [TaskExecutionStatus Table](#))
- TaskExecutionStatusStep table (see [TaskExecutionStatusStep Table](#))
- TaskStep table (see [TaskStep Table](#))
- TaskStepEventType table (see [TaskStepEventType Table](#))
- TermAndCondition table (see [TermAndCondition Table](#))
- TermAndConditionTask table (see [TermAndConditionTask Table](#))
- TermAndConditionType table (see [TermAndConditionType Table](#))
- UserNameBlacklist table (see [UserNameBlacklist Table](#))
- VMEnabledState table (see [VMEnabledState Table](#))
- VMHostDatastore table (see [VMHostDatastore Table](#))
- VMHostManagedBySoftware table (see [VMHostManagedBySoftware Table](#))
- VMHostProperty table (see [VMHostProperty Table](#))
- VMPool table (see [VMPool Table](#))
- VMPoolType table (see [VMPoolType Table](#))
- VMSourceType table (see [VMSourceType Table](#))
- VMState table (see [VMState Table](#))
- VMType table (see [VMType Table](#))
- Vendor table (see [Vendor Table](#))
- VendorContact table (see [VendorContact Table](#))
- VendorProperty table (see [VendorProperty Table](#))
- VendorPropertyValue table (see [VendorPropertyValue Table](#))
- VirtualMachine table (see [VirtualMachine Table](#))
- XMLInsertType table (see [XMLInsertType Table](#))
- ZoneResourceManagementMethodType table (see [ZoneResourceManagementMethodType Table](#))

Activity Table

The `Activity` table stores errors and events processed by the beacon, devices, rules etc.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 109: Database columns for Activity table

Database Column	Details
ActivityID	Type: integer. Key. Generated ID Synthetic key for this table.
SourceTypeID	Type: integer The source type ID such as Beacon, External and so on
SourceTypeName	Type: text (max 256 characters) The source type name such as Beacon, External and so on
ActivityTypeID	Type: integer. Key Foreign key to the ActivityType table.
ActivityUID	Type: unique identifier. Key UID to uniquely identify the activity.
DateCreated	Type: datetime Time that the activity is created in the database.

ActivitySource Table

ActivitySource is a static table listing all of the Sources that can generate the activity logs.

Table 110: Database columns for ActivitySource table

Database Column	Details
ActivitySourceID	Type: integer. Key. Generated ID
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the ActivitySource record. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

ActivityTraceLog Table

The ActivityTraceLog table stores the logs generated by the trace logger for the corresponding activity.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 111: Database columns for ActivityTraceLog table

Database Column	Details
TraceID	<i>Type:</i> integer. Key. Generated ID The unique row identifier.
ActivityUID	<i>Type:</i> unique identifier. Nullable The Guid of the activity that trace logger is logging the events for.
DateCreated	<i>Type:</i> datetime. Nullable The date and time when the event occurred.
LogMessage	<i>Type:</i> text. Nullable The actual message logged by the trace logger.
LogLevel	<i>Type:</i> integer. Nullable The log level that the trace logger is logging to.
EventID	<i>Type:</i> integer. Key. Nullable The unique row identifier in negative form.

ActivityType Table

The ActivityType table stores details about the different types of Activities.

Table 112: Database columns for ActivityType table

Database Column	Details
ActivityTypeID	<i>Type:</i> integer. Key. Generated ID Synthetic key for this table.
ActivityTypeName	<i>Type:</i> text (max 256 characters). Key A short piece of text representing the Activity Type. Internal use only- not to be displayed to the operator.
ActivityMessageResource	<i>Type:</i> text (max 256 characters) A resource name used to look up a description for this Activity
IsMonitored	<i>Type:</i> boolean Flag that determines whether to track this activity

Alert Table

The `Alert` table stores alerts and notifications that the system can attach to different objects to be displayed to the operator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 113: Database columns for `Alert` table

Database Column	Details
<code>AlertID</code>	Type: integer. Key. Generated ID Synthetic key for this table.
<code>AlertTypeID</code>	Type: integer. Key Foreign key to the <code>AlertType</code> table.
<code>Ignored</code>	Type: boolean. Key This flag indicates whether this alert has been ignored by an operator. If so, then the <code>IgnoredDate</code> and <code>IgnoredOperator</code> values will be populated.
<code>IgnoredDate</code>	Type: datetime. Nullable If the alert has been ignored by an operator, then this field shows the date when this was done.
<code>IgnoredOperator</code>	Type: text (max 256 characters). Nullable If the alert has been ignored by an operator, then this field shows which operator ignored the alert.
<code>CreationDate</code>	Type: datetime Date and time (UTC) when alert was created.

AlertCategory Table

The `AlertCategory` table stores the different categories of alerts.

Table 114: Database columns for `AlertCategory` table

Database Column	Details
<code>AlertCategoryID</code>	Type: integer. Key. Generated ID Synthetic key for this table.

Database Column	Details
DefaultName	Type: text (max 128 characters) The default name for this alert category
ResourceName	Type: text (max 128 characters). Key A resource name used to look up a description for this alert category

AlertTarget Table

The AlertTarget table stores the links between alerts and other tables in the database.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 115: Database columns for AlertTarget table

Database Column	Details
AlertID	Type: integer. Key Link to the Alert table
TargetTypeID	Type: integer. Key A link the the TargetType table. this value specifies which kind of object the alert is linked to.
TargetID	Type: integer. Key used to attach the Alert to its target. The target table depends on the TargetTypeID of the linked AlertType.
FieldName	Type: text. Nullable A semi-colon separated list of view-model names that represent the fields that the alert is attached to. A null value indicates that the alert applies to the overall object as a whole.

AlertType Table

The AlertType table stores details about the different types of alerts.

Table 116: Database columns for AlertType table

Database Column	Details
AlertTypeID	Type: integer. Key. Generated ID Synthetic key for this table.
AlertTypeName	Type: text (max 256 characters). Key A short piece of text representing the Alert Type. Internal use only- not to be displayed to the operator.
AlertMessageResource	Type: text (max 256 characters) A resource name used to look up a description for this alert
AlertCategoryID	Type: integer The category of this type of alert

AssetContractPaymentSchedule Table

AssetContractPaymentSchedule links a payment schedule to an asset, via a link from that asset to a contract.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 117: Database columns for AssetContractPaymentSchedule table

Database Column	Details
AssetContractPaymentScheduleID	Type: integer. Key. Generated ID Unique identifier to represent a link between a payment schedule and an asset. This allows an asset to link multiple times to a payment schedule, each time with its own start and end dates.
AssetContractID	Type: integer. Key Identifies a link between an asset and a contract. Foreign key to the AssetContract table.
PaymentScheduleID	Type: integer. Key Identifies a payment schedule. Foreign key to the PaymentSchedule table.
ActiveStartDate	Type: datetime Start date of the association between the payment schedule and asset.
ActiveEndDate	Type: datetime. Nullable End date of the association between the payment schedule and asset.

Attribute Table

Attribute holds the collection of possible attributes of database instances.

Table 118: Database columns for Attribute table

Database Column	Details
AttributeID	Type: integer. Key. Generated ID A unique identifier for an attribute.
AttributeName	Type: text (max 256 characters). Key The name of the attribute.

AvailabilityZone Table

AvailabilityZone is a table listing the possible availability zone in a cloud service provider.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 119: Database columns for AvailabilityZone table

Database Column	Details
AvailabilityZoneID	Type: integer. Key. Generated ID A unique identifier for a cloud service availability zone.
Name	Type: text (max 256 characters). Nullable Location of the instance.
IsShared	Type: boolean

BusinessImportLogDetail Table

The BusinessImportLogDetail table stores per record import execution details for a business import execution.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 120: Database columns for BusinessImportLogDetail table

Database Column	Details
ImportDetailID	Type: integer. Key. Generated ID Surrogate ID that uniquely identifies an import execution detail.
ImportID	Type: integer. Key Business import ID this execution detail relates to, foreign key to BusinessImportLogSummary table.
RecordNumber	Type: integer. Nullable Row number of source data in staging table that this execution detail related to.
Action	Type: text (max 10 characters). Nullable The trace action of the import execution detail.
MGSRecordKey	Type: text (max 50 characters). Nullable ID of matching FNMS table record the Record Number is matched against.
ImportObjectID	Type: integer. Key. Nullable Import object that this execution detail is related to, foreign key to BusinessImportLogObject table.
RecordDescription	Type: text (max 255 characters). Nullable Value of the trace field specified in the import element of business adapter xml if any.
Message	Type: text (max 3000 characters). Nullable Messages related to this import execution detail.

BusinessImportLogObject Table

The BusinessImportLogObject table stores summary data for the execution of individual object imports within a business import execution.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 121: Database columns for BusinessImportLogObject table

Database Column	Details
ImportObjectID	Type: integer. Key. Generated ID Surrogate ID that uniquely identifies an object in a business import execution.

Database Column	Details
ImportID	Type: integer. Key Business import ID this object belongs, foreign key to BusinessImportLogSummary table.
ObjectName	Type: text (max 50 characters). Nullable Name of the business import object.
ObjectType	Type: text (max 50 characters). Nullable Type of the business import object.
StartDate	Type: datetime. Nullable Date and time when the object began to be imported on FNMS server.
EndDate	Type: datetime. Nullable Date and time when import of the object is completed on FNMS server.
Status	Type: integer. Nullable Status of object import: 0 - Not completed, 1 - Completed.
Processed	Type: integer. Nullable Number of rows from data source that are processed for the object import.
Matched	Type: integer. Nullable Number of rows in the staging table that match records in the corresponding FNMS table for the object.
Rejected	Type: integer. Nullable Number of rows in the staging table that are rejected for the object import.
Updated	Type: integer. Nullable Number of rows in the staging table that are updated for the object import.
Created	Type: integer. Nullable Number of rows in the staging table that are created for the object import.
Deleted	Type: integer. Nullable Number of rows in the staging table that are deleted for the object import.

BusinessImportLogSummary Table

The BusinessImportLogSummary table stores summary data for each business import execution.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 122: Database columns for BusinessImportLogSummary table

Database Column	Details
ImportID	Type: integer. Key. Generated ID Surrogate ID that uniquely identifies a business import.
ImportName	Type: text (max 255 characters). Nullable Import name of the business import.
ImportType	Type: text (max 50 characters). Nullable Import type of the business import.
Action	Type: text (max 20 characters). Nullable The mode the business import is operating in e.g. Import, Simulation.
StartDate	Type: datetime. Nullable Date and time when the business import is started on FNMS server.
EndDate	Type: datetime. Nullable Date and time when the business import is completed on FNMS server.
Status	Type: integer. Nullable Status of the business import: 0 - Not completed, 1 - Completed.
Processed	Type: integer. Nullable Number of rows from data source that are processed for import.
Rejected	Type: integer. Nullable Number of rows from data source that are rejected from importing.
SessionUID	Type: unique identifier. Key. Nullable Unique task run identifier of the business import, nullable for business import initiated on the server.

BusinessImportResult Table

The BusinessImportResult table contains the results of all business imports executed on the batch server.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 123: Database columns for BusinessImportResult table

Database Column	Details
BusinessImportResultID	Type: integer. Key. Generated ID A unique identifier for the business import result.
ImportName	Type: text (max 256 characters) The name of the business import.
BeaconID	Type: integer. Key A link to Beacon from which this import was uploaded.
ImportStarted	Type: datetime The time at which the import was executed.
ImportEnded	Type: datetime The time at which the import was completed.
Result	Type: boolean Whether the import succeeded.

CloudServiceInstance Table

CloudServiceInstance stores information for cloud service instances.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 124: Database columns for CloudServiceInstance table

Database Column	Details
CloudServiceInstanceID	Type: big integer. Key. Generated ID A unique identifier for cloud service instance on a computer.
ComplianceComputerID	Type: integer. Key. Nullable The computer where this cloud service instance is linked to. Foreign key to the ComplianceComputer table.
HostComplianceComputerID	Type: integer. Key. Nullable The instance's host computer. Foreign key to the ComplianceComputer table.
HostID	Type: text (max 256 characters). Nullable The ID of the dedicated host instance.

Database Column	Details
CloudServiceProviderID	<i>Type:</i> integer. Key The cloud service provider for this instance. Foreign key to the CloudServiceProvider table.
InstanceCloudID	<i>Type:</i> text (max 256 characters). Key The ID of the cloud instance.
CloudServiceInstanceTypeID	<i>Type:</i> integer. Nullable Cloud instance type defined by provider. Foreign key to the CloudServiceInstanceType table
CloudServiceRegionID	<i>Type:</i> integer. Nullable Region of the instance. Foreign key to the CloudServiceRegion table.
AvailabilityZoneID	<i>Type:</i> integer. Nullable Location of the instance. Foreign key to the AvailabilityZone table
InstanceTenancyID	<i>Type:</i> integer. Nullable Instance tenancy of the instance. Foreign key to the InstanceTenancy table
InstanceAffinity	<i>Type:</i> text (max 256 characters). Nullable The affinity setting for the instance on the Dedicated Host.
ImageID	<i>Type:</i> text (max 256 characters). Nullable The ID of the image used to launch the instance.
LaunchTime	<i>Type:</i> datetime. Nullable The time the cloud instance was launched or the Reserved Instance started.
NetworkID	<i>Type:</i> text (max 256 characters). Nullable The ID of the Virtual Private Cloud.
LifecycleMode	<i>Type:</i> text (max 256 characters). Nullable The lifecycle state of the instance.
ExpiryTime	<i>Type:</i> datetime. Nullable The time when the Reserved Instance expires.
InstanceCount	<i>Type:</i> integer. Nullable The number of reservations purchased.
OfferingClass	<i>Type:</i> text (max 256 characters). Nullable The offering class of the Reserved Instance.
OfferingType	<i>Type:</i> text (max 256 characters). Nullable The Reserved Instance offering type.

Database Column	Details
Scope	Type: text (max 256 characters). Nullable The scope of the Reserved Instance.
Account	Type: text (max 256 characters). Nullable The Account that is used to create the instance.
CoreCount	Type: integer. Nullable The number of core of the instance.
ThreadsPerCore	Type: integer. Nullable The number of thread per core of the instance.
VMEnabledStateID	Type: integer. Nullable The operational state of the instance. Foreign key to the VMEnabledState table.
MacAddress	Type: text (max 256 characters). Nullable The MAC address of the computer. This may be a comma-separated list if there is more than one active network adapter in the system. Do not include inactive network adapters and network adapters with invalid MAC addresses.
MatchingRuleID	Type: integer. Nullable Matching rule is used to match the instance with an inventory in Compliance Computer. Foreign key to the CloudServiceInstanceMatchingRule table.
InventoryDate	Type: datetime. Key. Nullable The time the cloud instance was reported by inventory.
CloudServiceProvider InventoryDate	Type: datetime. Nullable The time the cloud instance was reported by an adapter.

CloudServiceInstanceConnection Table

CloudServiceInstanceConnection stores a link between cloud service instance in CloudServiceInstance which have been reported in inventory, and ComplianceConnectionID that can be used to identify which inventory sources that the cloud service instance come from.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 125: Database columns for CloudServiceInstanceConnection table

Database Column	Details
CloudServiceInstanceID	<i>Type:</i> big integer. Key A unique identifier for the cloud service instance. Foreign key to the CloudServiceInstance table.
ComplianceConnectionID	<i>Type:</i> integer. Key The inventory source where the cloud service instance was reported. Foreign key to the ComplianceConnection table.

CloudServiceInstanceMatchingRule Table

The CloudServiceInstanceMatchingRule table contains the list of rules to match cloud service instance with an inventory in ComplianceComputer table.

Table 126: Database columns for CloudServiceInstanceMatchingRule table

Database Column	Details
CloudServiceInstance MatchingRuleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each CloudServiceInstanceMatchingRule. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = Inventory 2 = MACAddress 3 = MGSBI 4 = UI 5 = InstanceCloudID
Name	<i>Type:</i> text (max 256 characters). Key Name of the matching rule for cloud service instance.

CloudServiceInstanceType Table

CloudServiceInstanceType is a table listing the possible types of a cloud service instance.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 127: Database columns for CloudServiceInstanceType table

Database Column	Details
CloudServiceInstanceTypeID	Type: integer. Key. Generated ID A unique identifier for a cloud service instance type.
Name	Type: text (max 256 characters). Nullable Cloud instance type defined by cloud service provider.
IsShared	Type: boolean

CloudServiceProvider Table

The CloudServiceProvider table contains the Cloud Service providers for the virtual machines.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 128: Database columns for CloudServiceProvider table

Database Column	Details
CloudServiceProviderID	Type: integer. Key. Generated ID A unique identifier for a cloud service provider record.
Name	Type: text (max 256 characters). Key Name of the cloud service provider.
IsShared	Type: boolean

CloudServiceRegion Table

Region is a table listing the possible regions in a cloud service provider.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 129: Database columns for CloudServiceRegion table

Database Column	Details
CloudServiceRegionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a cloud service region.
Name	<i>Type:</i> text (max 256 characters). Nullable Region of the instance.
IsShared	<i>Type:</i> boolean

ComplianceComputer Table

ComplianceComputer stores information about computers used in the enterprise, including hardware details, inventory source information and computer types.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 130: Database columns for ComplianceComputer table

Database Column	Details
ComplianceComputerID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a ComplianceComputer.
ComplianceComputerTypeID	<i>Type:</i> integer. Key A unique identifier for the type of computer. Foreign key to the ComplianceComputerType table.
IsComplianceComputer TypeIDFromInventory	<i>Type:</i> boolean This is true for records sourced from inventory, where the inventory source has specified the value of the ComplianceComputerTypeID. A true value will exclude this record from some processes that infer the type of a record. This value is set by the import process.
ComputerName	<i>Type:</i> text (max 256 characters). Key. Nullable The name of the computer.
ComplianceDomainID	<i>Type:</i> integer. Key. Nullable The domain to which the computer belongs. Foreign key to the ComplianceDomain table.

Database Column	Details
ComplianceComputer StatusID	<i>Type:</i> integer. Key The last recorded status for this computer. Foreign key to the ComplianceComputerStatus table.
ComplianceComputerRoleID	<i>Type:</i> integer. Key The functional role of this computer. Foreign key to the ComplianceComputerRole table.
ComplianceComputer InventorySourceTypeID	<i>Type:</i> integer. Key Whether this computer has ever been reported in inventory, or has been manually created and maintained. Foreign key to the ComplianceComputerInventorySourceType table.
AssetID	<i>Type:</i> integer. Key. Nullable When the computer is being managed as an asset, this is a foreign key to the Asset table; and is otherwise null.
OperatingSystem	<i>Type:</i> text (max 128 characters). Nullable The operating system of the computer.
ServicePack	<i>Type:</i> text (max 128 characters). Nullable The latest service pack reported as installed on the operating system.
NumberOfProcessors	<i>Type:</i> integer. Nullable The number of processors in the computer.
NumberOfProcessorsDefault	<i>Type:</i> integer. Nullable The inventoried number of processors in the computer.
ProcessorType	<i>Type:</i> text (max 256 characters). Nullable The type of processor in the computer.
ProcessorTypeDefault	<i>Type:</i> text (max 256 characters). Nullable The inventoried type of processor in the computer.
MaxClockSpeed	<i>Type:</i> integer. Nullable The maximum clock speed of the fastest processor in the computer in megahertz.
MaxClockSpeedDefault	<i>Type:</i> integer. Nullable The inventoried maximum clock speed of the fastest processor in the computer in megahertz.
TotalMemory	<i>Type:</i> big integer. Nullable The total RAM in the computer.

Database Column	Details
ChassisTypeID	<p><i>Type:</i> integer. Key</p> <p>The type of case for the computer, as reported in hardware inventory, defaulting to Unknown if no chassis type is reported. Foreign key to the ComputerChassisType table.</p>
AssignedChassisTypeID	<p><i>Type:</i> integer. Nullable</p> <p>The type of case for the computer, as set by an operator. Foreign key to the ComputerChassisType table.</p>
NumberOfHardDrives	<p><i>Type:</i> integer. Nullable</p> <p>The number of hard drives in the computer.</p>
TotalDiskSpace	<p><i>Type:</i> big integer. Nullable</p> <p>The total size of all hard drives in the computer.</p>
NumberOfNetworkCards	<p><i>Type:</i> integer. Nullable</p> <p>The number of network cards in the computer.</p>
NumberOfDisplayAdapters	<p><i>Type:</i> integer. Nullable</p> <p>The number of graphics cards in the computer.</p>
IPAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The IP address of the computer.</p>
MACAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The MAC Addresses of the computer.</p>
Manufacturer	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>The manufacturer of the computer.</p>
ModelNo	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The model number of the computer.</p>
ModelNoDefault	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The inventoried model number of the computer.</p>
SerialNo	<p><i>Type:</i> text (max 100 characters). Key. Nullable</p> <p>The serial number of the computer.</p>
ComplianceUserID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The end-user who last logged onto the computer. Foreign key to the ComplianceUser table.</p>
AssignedUserID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The end-user assigned to this computer by an operator. Foreign key to the ComplianceUser table.</p>

Database Column	Details
CalculatedUserID	<p><i>Type:</i> integer. Key. Nullable</p> <p>An end-user of this computer, calculated by looking at usage. Foreign key to the ComplianceUser table.</p>
LocationID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise location associated with this computer. Foreign key to the GroupEx table.</p>
BusinessUnitID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any corporate unit in the enterprise associated with this computer. Foreign key to the GroupEx table.</p>
CostCenterID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any cost center in the enterprise associated with this computer. Foreign key to the GroupEx table.</p>
CategoryID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise category associated with this computer. Foreign key to the GroupEx table.</p>
InventoryDate	<p><i>Type:</i> datetime. Key. Nullable</p> <p>The date the computer last had inventory reported.</p>
HardwareInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date when the hardware was last reported.</p>
ServicesInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date when a service was last reported.</p>
UpdatedUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The name of the operator who last updated the computer details.</p>
UpdatedDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the record was last updated.</p>
CreationUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator who created the record.</p>
CreationDate	<p><i>Type:</i> datetime</p> <p>The date the computer was created.</p>
InventoryAgent	<p><i>Type:</i> text (max 64 characters). Nullable</p> <p>The name of the person or tool that performed the last inventory.</p>
NumberOfCores	<p><i>Type:</i> integer. Nullable</p> <p>The number of cores in the computer.</p>

Database Column	Details
NumberOfCoresDefault	Type: integer. Nullable The inventoried number of cores in the computer.
NumberOfSockets	Type: integer. Nullable The number of sockets in the computer.
NumberOfSocketsDefault	Type: integer. Nullable The inventoried number of sockets in the computer.
AssetComplianceStatusID	Type: integer. Nullable For computers managed as assets, the latest compliance status of the computer. Foreign key to the AssetComplianceStatus table.
PartialNumberOfProcessors	Type: decimal. Nullable The fractional processor count available to this computer.
PartialNumberOfProcessorsDefault	Type: decimal. Nullable The inventoried fractional processor count available to this computer.
UntrustedSerialNo	Type: boolean Is this computer known to have a serial number from a data source that should not be trusted.
ILMTAgentID	Type: big integer. Key. Nullable Store the unique ID used by the ILMT agent on this device, if the inventory source is aware of this value.
FNMPComputerUID	Type: unique identifier. Key. Nullable The unique identifier generated for the computer from the IM database. This property should only be populated by the ManageSoft inventory adapter.
UUID	Type: unique identifier. Nullable The computer's UUID, in the byte order reported in inventory.
HostIdentifyingNumber	Type: text (max 128 characters). Key. Nullable Virtual hosts may have an identifier that is unique only across that hardware model. It is less unique than the true hardware serial number, for example.
HostType	Type: text (max 128 characters). Key. Nullable The type (similar to model number) of the host, used for matching.
NumberOfLogicalProcessors	Type: integer. Nullable The number of logical processors in the computer.
NumberOfLogicalProcessorsDefault	Type: integer. Nullable The inventoried number of logical processors in the computer.

Database Column	Details
PrimaryComplianceUserID	Type: integer. Key. Nullable Primary user of the computer based off the assigned user and calculated user.
MDScheduleGeneratedDate	Type: datetime. Nullable The last time the managed device schedule was regenerated.
MDScheduleContainsPVUScan	Type: boolean. Nullable Does this managed device include an event in its current schedule for running extra IBM PVU hardware scans.
HostID	Type: text (max 100 characters). Key. Nullable Numeric identifier of the current host
FirmwareSerialNumber	Type: text (max 100 characters). Key. Nullable Serial number in the system firmware such as BIOS, EEPROM etc.
MachineID	Type: text (max 100 characters). Key. Nullable For AIX, it is the System ID. For HP-UX, it is the Machine/Software ID. It is unset for other platforms.
CloudServiceProviderID	Type: integer. Key. Nullable The cloud service provider for the virtual machine. Foreign key to the CloudServiceProvider table.

ComplianceComputerConnection Table

ComplianceComputerConnection stores a link between computers in ComplianceComputer which have been reported in inventory, and external IDs that can be used to identify them in their inventory sources. Computers reported in multiple inventory sources will appear multiple times in this table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 131: Database columns for ComplianceComputerConnection table

Database Column	Details
ComplianceComputerID	Type: integer. Key A unique identifier for the computer. Foreign key to the ComplianceComputer table.

Database Column	Details
ComplianceConnectionID	<i>Type: integer. Key</i> The inventory source where the computer was reported. Foreign key to the ComplianceConnection table.
ExternalID	<i>Type: big integer</i> The (hopefully unique) identifier for the computer in the external inventory source.

ComplianceComputerContract Table

ComplianceComputerContract stores links between computers and contracts, some of which may influence license compliance.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 132: Database columns for ComplianceComputerContract table

Database Column	Details
ComplianceComputerContractID	<i>Type: integer. Key. Generated ID</i> A unique identifier for this record.
ContractID	<i>Type: integer. Key</i> A unique identifier for a contract linked to a computer. Foreign key to the Contract table.
ComplianceComputerID	<i>Type: integer. Key</i> A unique identifier for a computer linked to a contract. Foreign key to the ComplianceComputer table.

ComplianceComputerInventorySourceType Table

ComplianceComputerInventorySourceType is a static table used to define possible computer inventory source values (that is, whether the computer was created manually or reported by the compliance importer).

Table 133: Database columns for ComplianceComputerInventorySourceType table

Database Column	Details
ComplianceComputerInventorySourceTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceComputerInventorySourceType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> 1 = Automatic (computer was recently updated during an inventory import) 2 = VM Host (a dummy or “light” computer created using the host inventory of a virtual machine) 3 = Manual (computer was created manually by an operator, using FlexNet Manager Suite, and has never been updated by the compliance importer).
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a computer inventory source. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the inventory resource string has no translation.</p>

ComplianceComputerPropertyValue Table

For each computer, ComplianceComputerPropertyValue stores the values for the custom properties defined in ComplianceComputerTypeProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 134: Database columns for ComplianceComputerPropertyValue table

Database Column	Details
ComplianceComputerPropertyValueID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a property value.</p>
ComplianceComputerID	<p>Type: integer. Key</p> <p>The computer associated with this property value. Foreign key to the ComplianceComputer table</p>
ComplianceComputerTypePropertyID	<p>Type: integer. Key</p> <p>The property whose value is being stored. The type of the computer should match the type that the property is associated with. Foreign key to the ComplianceComputerTypeProperty table.</p>

Database Column	Details
PropertyValue	<i>Type:</i> text (max 4000 characters) The value of the custom property.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

ComplianceComputerRole Table

ComplianceComputerRole is a static table listing all the different roles to which computers can be assigned, and which may impact licensing terms.

Table 135: Database columns for ComplianceComputerRole table

Database Column	Details
ComplianceComputerRoleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each ComplianceComputerRole. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Production • 2 = Warm Standby / Passive Failover • 3 = Hot Standby / Active Failover • 4 = Backup / Archive • 5 = Test • 6 = Training • 7 = Cold Standby / Disaster recovery • 8 = Development.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a computer role. Foreign key to the ComplianceResourceString table.

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the inventory resource string has no translation.
ManageLicenses	Type: boolean Set this to True if computers in this role are to be included in compliance calculations, and to False if this role exempts a computer from the license management process. Of the computer roles listed above, only Active computers have their licenses managed.

ComplianceComputerRuleResult Table

ComplianceComputerRuleResult stores rules results from Inventory Manager.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 136: Database columns for ComplianceComputerRuleResult table

Database Column	Details
ComplianceComputerRuleResultID	Type: integer. Key. Generated ID The identifier for a rule result.
ComplianceComputerID	Type: integer. Key The computer associated with this result. Foreign key to the ComplianceComputer table
RecognitionRule	Type: text (max 256 characters). Key. Nullable The recognition rule.
Revision	Type: integer. Nullable The revision number of the recognition rule.
InventoryDate	Type: datetime. Nullable The date the recognition rule ran.
Result	Type: text. Nullable The result of the recognition rule script.

ComplianceComputerStatus Table

ComplianceComputerStatus is a static table used to define possible values for the status of computers reported in

FlexNet Manager Suite.

Table 137: Database columns for ComplianceComputerStatus table

Database Column	Details
ComplianceComputerStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceComputerStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = New (this is the first appearance of this computer in inventory) • 2 = Ignored (an operator has marked this computer to be ignored)
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a computer status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

ComplianceComputerType Table

ComplianceComputerType is a static table listing all types of computers that can be created.

Table 138: Database columns for ComplianceComputerType table

Database Column	Details
ComplianceComputerTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceComputerType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Computer • 2 = VM Host • 3 = Virtual Machine • 4 = Remote Device. • 5 = Mobile Device. • 6 = VDI Template.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a computer role. Foreign key to the ComplianceResourceString table.</p>

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.
XMLFile	Type: text. Nullable The layout of the property dialog for this type of computer, stored in XML format.
CanCreate	Type: boolean. Key Whether the end-user can manually create computers of this type.
CanEdit	Type: boolean. Key Whether the end-user can manually edit computers of this type.

ComplianceComputerTypeProperty Table

ComplianceComputerTypeProperty defines extra custom properties for computers of the specified type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 139: Database columns for ComplianceComputerTypeProperty table

Database Column	Details
ComplianceComputerTypePropertyID	Type: integer. Key. Generated ID A unique identifier for a property.
PropertyName	Type: text (max 256 characters). Key The name of the property.
ComplianceComputerTypeID	Type: integer. Key Computer type with which this property is associated. Foreign key to the ComplianceComputerType table.
CustomPropertyDisplayXMLID	Type: integer. Nullable Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

ComplianceComputerUsage Table

This table links user IDs with computer IDs, allowing ECM to determine who uses a computer most frequently; and this is one factor in determining the assigned user for a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 140: Database columns for ComplianceComputerUsage table

Database Column	Details
ComplianceComputerUsageID	Type: integer. Key. Generated ID Unique identifier for a ComplianceComputerUsage record.
ComplianceComputerID	Type: integer. Key Foreign key to the ComplianceComputer table.
ComplianceUserID	Type: integer. Key Foreign key to the ComplianceUser table.
DateRecorded	Type: datetime. Key The date and time that the record was inserted.

ComplianceEvent Table

The ComplianceEvent table lists all the 'compliance events' that FlexNet Manager Suite has detected. These are any event, such as the arrival of a new application version or a change in primary application for a license, that should trigger recalculation of linked applications through upgrade and downgrade rights. Depending on license properties, some of these events trigger automatic recalculation, and others trigger a proposal to the operator for manual response. This table records the current state for each event, with a history of state changes available in the ComplianceEventHistory table. Where the compliance event results in changes to the applications linked to a license, further details are recorded in the SoftwareLicenseChangeEvent table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 141: Database columns for ComplianceEvent table

Database Column	Details
ComplianceEventID	Type: integer. Key. Generated ID A unique identifier for an event.
EventTypeID	Type: integer The type of event. Foreign key to the ComplianceEventType table.
Priority	Type: integer. Nullable The priority of the event.

Database Column	Details
Severity	<i>Type:</i> integer. Nullable The severity of the event.
EventActionID	<i>Type:</i> integer The proposed action for the event. Foreign key to the ComplianceEventAction table.
EventStateID	<i>Type:</i> integer The current state of the event. Foreign key to the ComplianceEventState table.
UpdatedBy	<i>Type:</i> text (max 200 characters) The last operator to update the event.
UpdatedDate	<i>Type:</i> datetime The date the event was last updated.

ComplianceEventAction Table

The ComplianceEventAction table holds the list of possible actions in the handling of ‘compliance events’. These are any event, such as the arrival of a new application version or a change in primary application for a license, that should trigger recalculation of linked applications through upgrade and downgrade rights.

Table 142: Database columns for ComplianceEventAction table

Database Column	Details
EventActionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each ComplianceEventAction. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = Notification (the event is automatically managed, and the operator is to be advised of the result) 2 = Request for Action (the license is not managed automatically, and the operator receives a suggested action).
EventActionResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing an event type. Foreign key to the ComplianceResourceString table.
EventActionDefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the type resource string has no translation.

ComplianceEventHistory Table

ComplianceEventHistory stores a history of state changes for each compliance event.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 143: Database columns for ComplianceEventHistory table

Database Column	Details
ComplianceEventHistoryID	Type: integer. Key. Generated ID Unique identifier for an event history record.
ComplianceEventID	Type: integer. Key The event whose history is being recorded. Foreign key to the ComplianceEvent table.
UserName	Type: text (max 60 characters) The operator who made the change.
HistoryDate	Type: datetime The date of the change.
FieldName	Type: text (max 256 characters). Nullable The field name that has been updated. Foreign key to the ComplianceResourceString table.
OldValue	Type: text (max 500 characters). Nullable The value before the change.
NewValue	Type: text (max 500 characters). Nullable The value after the change.

ComplianceEventState Table

ComplianceEventState is a static table holding all possible event states.

Table 144: Database columns for ComplianceEventState table

Database Column	Details
EventStateID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceEventState. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = New (action needs to be taken for this event) • 2 = Postponed (no action needs to be taken at this time) • 3 = Accepted (the proposed action has been taken for this event) • 4 = Rejected (the proposed action will not be taken).
EventStateResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an event state. Foreign key to the ComplianceResourceString table.</p>
EventStateDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the state resource string has no translation.</p>

ComplianceEventType Table

ComplianceEventType is a static table that holds all possible types of event.

Table 145: Database columns for ComplianceEventType table

Database Column	Details
EventTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceEventType. Reserved for future expansion. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Software License Change.
EventTypeResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an event type. Foreign key to the ComplianceResourceString table.</p>
EventTypeDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

ComplianceHistory Table

The ComplianceHistory table records changes to many entities used in FlexNet Manager Suite. This table has a

series of ID columns, any one (or sometimes more) of which may be set to associate the history with a particular item. These ID columns no longer have foreign keys to other tables. This allows us to retain history of deleted objects in order to maintain an audit trail (as yet, there is no UI around this information), and also to improve performance when deleting objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 146: Database columns for ComplianceHistory table

Database Column	Details
ComplianceHistoryID	Type: big integer. Key. Generated ID Unique identifier for a history record.
AssetID	Type: integer. Key. Nullable ID from the Asset table.
ComplianceComputerID	Type: integer. Key. Nullable ID from the ComplianceComputer table.
ContractID	Type: integer. Key. Nullable ID from the Contract table.
VendorID	Type: integer. Key. Nullable ID from the Vendor table.
VirtualMachineID	Type: integer. Nullable ID from the VirtualMachine table.
PurchaseOrderID	Type: integer. Nullable ID from the PurchaseOrder table.
PurchaseOrderDetailID	Type: integer. Key. Nullable ID from the PurchaseOrderDetail table.
SoftwareLicenseID	Type: integer. Key. Nullable ID from the SoftwareLicense table
SoftwareTitleID	Type: integer. Key. Nullable ID from the SoftwareTitle table
PaymentScheduleID	Type: integer. Key. Nullable ID from the PaymentSchedule table
InstanceID	Type: integer. Key. Nullable ID from the Instance table

Database Column	Details
ComplianceUserID	Type: integer. Key. Nullable ID from the ComplianceUser table
ComplianceOperatorID	Type: integer. Nullable ID from the ComplianceOperator table
DocumentID	Type: integer. Key. Nullable ID from the Document table
DocumentNoteID	Type: integer. Nullable ID from the DocumentNote table
ContractNoteID	Type: integer. Nullable ID from the ContractNote table
ProjectID	Type: integer. Key. Nullable ID from the Project table
FieldName	Type: text (max 256 characters). Nullable The field name that has been updated. Foreign key to the ComplianceResourceString table.
OldValue	Type: text (max 4000 characters). Nullable Typically the value before the change, although at times, when multiple pieces of information are required to identify the action taking place, this field may store other supporting information. For example, when an operator is granted rights to access a contract, this field stores the type of access (such as “Normal” or “Administrator”) while the NewValue field stores the name of the contract.
NewValue	Type: text (max 4000 characters). Nullable Typically the value after the change, although refer to the above definition of the OldValue column for a description of extenuating circumstances.
NeedsApproval	Type: boolean Set this field to True if the change requires approval. Used usually to track changes to computer hardware.
ValuesAreResourceStrings	Type: boolean Set this field to True if the old and new values should be looked up as resource strings.
ComplianceHistoryTypeID	Type: integer Foreign key to the HistoryType table.
UserName	Type: text (max 60 characters) The operator who made the change.

Database Column	Details
HistoryDate	<i>Type:</i> datetime. Key The date of the change.
Comments	<i>Type:</i> text (max 2000 characters). Nullable Comments recorded about the change after it was made.

ComplianceHistoryColumn Table

The ComplianceHistoryColumn table lists the fields (columns) for which history details can be recorded.

Table 147: Database columns for ComplianceHistoryColumn table

Database Column	Details
ComplianceHistoryColumnID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a history column.
TableName	<i>Type:</i> text (max 128 characters). Key The name of the database table to which the history-record settings apply. This may have a suffix of .1 or .2. These suffixes are used for grouping purposes. Do not edit this field.
ColumnName	<i>Type:</i> text (max 128 characters). Key A description of the column in the specified TableName for which the history record settings apply. If this row relates to an entire table, the ColumnName will contain the word “History”, for example, “Asset History” or “Contract History”.
BitwiseValue	<i>Type:</i> integer. Key The bitwise value uniquely identifies each row relating to a single TableName. Typically, a value of 1 indicates that this row relates to an entire table. A value greater than 1 indicates that this row relates to a single field in the table. Do not edit this field.
RecordHistory	<i>Type:</i> boolean Boolean field to indicate if history should be recorded. Set this value to 1 (True) to record history details. Set this value to 0 (False) if no history details should be recorded.

ComplianceHistoryType Table

ComplianceHistoryType is a static table listing all valid types of history records.

Table 148: Database columns for ComplianceHistoryType table

Database Column	Details
ComplianceHistoryTypeID	Type: integer. Key. Generated ID A unique identifier for a history type.

Database Column	Details
ComplianceHistoryType Description	<p>Type: text (max 100 characters)</p> <p>A unique identifier for each ComplianceHistoryType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Insert • 2 = Delete • 3 = Update • 4 = Link • 5 = Unlink • 6 = Allocated • 7 = Unallocated • 8 = Assigned • 9 = Unassigned • 10 = Operator unlinked from user due to duplicate login (operator history) • 11 = Operator unlinked from user due to duplicate login (user history) • 12 = Rights to contract granted • 13 = Rights to contract updated • 14 = Rights to contract removed • 15 = Rights to document granted • 16 = Rights to document updated • 17 = Rights to document removed • 18 = Receives (referring to escalations or alerts) • 19 = No longer receives (referring to escalations or alerts) • 20 = Assigned responsibility • 21 = Unassigned responsibility • 22 = Final state of entity when deleted • 23 = Rights to contract removed because contract was deleted • 24 = Rights to document removed because document was deleted • 25 = No longer receives (referring to escalations or alerts) because entity deleted • 26 = Unassigned responsibility because entity was deleted

Database Column	Details
	<ul style="list-style-type: none"> 27 = Responsibility type changed.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a history type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the type resource string has no translation.

ComplianceImage Table

The ComplianceImage table stores a collection of images to use on property display dialogs.

Table 149: Database columns for ComplianceImage table

Database Column	Details
ComplianceImageName	<i>Type:</i> text (max 50 characters). Key The name of the image.
ComplianceImageFile	<i>Type:</i> text The binary representation of the image.

ComplianceLicenseUser Table

If external end-users, reported by systems such as SAP and stored in the LicenseUser table, can be matched to existing end-users in the enterprise (stored in the ComplianceUser table), the link between them is recorded in the ComplianceLicenseUser table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 150: Database columns for ComplianceLicenseUser table

Database Column	Details
LicenseUserID	<i>Type:</i> integer. Key A unique identifier for the external end-user. Foreign key to the LicenseUser table.

Database Column	Details
ComplianceUserID	<p><i>Type:</i> integer. Key</p> <p>A unique identifier for the end-user in the enterprise. Foreign key to the ComplianceUser table.</p>

CompliancePredefinedSearch Table

The CompliancePredefinedSearch holds a list of the predefined asset and licenses searches available to the operator. Each predefined search has its own grid in the FlexNet Manager Suite UI, and is accessed from a node which is a child of either Licenses or Assets nodes.

Table 151: Database columns for CompliancePredefinedSearch table

Database Column	Details
CompliancePredefinedSearchID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each CompliancePredefinedSearch. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = New Inventory • 2 = Changed Assets • 3 = Lease Expiry • 4 = Warranty Expiry • 5 = Missing Computers • 6 = License At Risk • 7 = License Expiry • 8 = License Contract Expiry • 9 = License Unused • 10 = UnLicensed Apps • 11 = UnLicensed Installs • 12 = License Group At Risk • 13 = License Upgrade Downgrade.
SearchNameResource	<p><i>Type:</i> text (max 128 characters). Key</p> <p>Resource string identifying the predefined search.</p>
SearchNameDefault	<p><i>Type:</i> text (max 128 characters)</p> <p>The name of the predefined search.</p>

Database Column	Details
AmberThreshold	Type: integer Indicates when the amber state should be shown in the related traffic light summary.
RedThreshold	Type: integer Indicates when the red state should be shown in the related traffic light summary.
DateSearch	Type: boolean. Key True indicates that the search is date based. False means count based.
ComplianceSearchType	Type: text (max 128 characters). Key. Nullable Type of search. Matches the name of a row in the ComplianceSearchType table.

ComplianceResponsibility Table

ComplianceResponsibility links end-users to a contract with various responsibility types.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 152: Database columns for ComplianceResponsibility table

Database Column	Details
ComplianceResponsibilityID	Type: integer. Key. Generated ID A unique identifier for a record.
ResponsibilityTypeID	Type: integer The particular type of responsibility. Foreign key to the ResponsibilityType table.
ContractID	Type: integer. Key The contract for which this end-user has some responsibility. Foreign key to the Contract table.
ComplianceUserID	Type: integer. Key The end-user who has this responsibility for (or relationship to) the contract. Foreign key to the ComplianceUser table.
Comment	Type: text (max 500 characters). Nullable Any operator comments related to the user responsibility.

ComplianceSavedSearch Table

The ComplianceSavedSearch table holds the name of a custom view and any descriptive information about it.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 153: Database columns for ComplianceSavedSearch table

Database Column	Details
ComplianceSavedSearchID	Type: integer. Key. Generated ID A unique identifier for a custom view.
SearchName	Type: text (max 64 characters). Nullable The name of the custom view.
Description	Type: text (max 1000 characters). Nullable A description of the custom view.
SearchGridLayout	Type: text. Nullable The grid layout used in the custom view.
SearchSQL	Type: text. Nullable SQL statement that generates the data set for the custom view.
SearchSQLConnection	Type: text (max 500 characters) SQL connection to use to execute search SQL: 'Live', 'DataWarehouse', 'QuerySnapshot', 'ExternalFNMEA', or connection string.
SearchMapping	Type: XML. Nullable Search query XML to SQL mapping.
SearchXML	Type: XML. Nullable Search query XML.
CreatedBy	Type: text (max 128 characters) The operator who created the custom view.
CreationDate	Type: datetime The date the custom view was created.
ModifiedBy	Type: text (max 128 characters). Nullable The operator who last modified the custom view.
ModificationDate	Type: datetime. Nullable The date the custom view was last modified.

Database Column	Details
ComplianceSearchTypeID	<i>Type:</i> integer. Key The type of the custom view. Foreign key to the ComplianceSearchType table.
ComplianceSearchFolderID	<i>Type:</i> integer. Key The folder in which this custom view is stored. Foreign key to the ComplianceSearchFolder table.
CreatedByOperatorID	<i>Type:</i> integer. Key. Nullable ID of the operator who created the view. Foreign key to the ComplianceOperator table.
RestrictedAccessTypeID	<i>Type:</i> integer. Key Defined access type to the view. Foreign key to the RestrictedAccessType table.
CanDelete	<i>Type:</i> boolean Set this to False for predefined custom views which an operator is not allowed to delete.
CanChangeMasterObject	<i>Type:</i> boolean Set this to False if the this view has a fixed master object.
ComplianceSavedSearchSystemID	<i>Type:</i> integer. Key. Nullable An identifier for a system custom view.
SearchNameResourceName	<i>Type:</i> text (max 256 characters). Nullable The unique name of the localizable resource string representing a column name. Foreign key to the ComplianceResourceString table.
DescriptionResourceName	<i>Type:</i> text (max 256 characters). Nullable The unique name of the localizable resource string representing a column name. Foreign key to the ComplianceResourceString table.
SavedSearchLink	<i>Type:</i> text. Nullable The saved built in report or view link.
SavedSearchFilter	<i>Type:</i> text. Nullable The saved filter for report or view

ComplianceSchedule Table

ComplianceSchedule defines schedules that take place repeatedly at a specified interval.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 154: Database columns for ComplianceSchedule table

Database Column	Details
ComplianceScheduleID	Type: integer. Key. Generated ID A unique identifier for the schedule.
TermAndConditionID	Type: integer. Key. Nullable The term/condition that the schedule is associated with. Foreign key to the TermAndCondition table.
StartDate	Type: datetime The date on which this schedule first applies.
EndDate	Type: datetime The date on which this schedule ends.
RepeatIntervalTypeID	Type: integer. Key. Nullable The type of repeat interval. Foreign key to the IntervalType table.
RepeatInterval	Type: integer. Nullable The interval between repeats of this schedule.

ComplianceSearchFolder Table

The ComplianceSearchFolder table identifies a folder for storing a custom search (or view), and tracks the parent-child relationships of folders to establish their hierarchy.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 155: Database columns for ComplianceSearchFolder table

Database Column	Details
ComplianceSearchFolderID	Type: integer. Key. Generated ID A unique identifier for a saved search folder.
Name	Type: text (max 128 characters). Key. Nullable The name of the folder.
ParentFolderID	Type: integer. Key. Nullable Identifies the parent that contains this folder. Foreign key to another folder in this ComplianceSearchFolder table.

Database Column	Details
ComplianceSearchTypeID	<p>Type: integer. Key</p> <p>The kind of custom view stored in this folder. Foreign key to the ComplianceSearchType table.</p>
Path	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The internal path to the folder.</p>
PredefinedSearchesCreated	<p>Type: boolean. Nullable</p> <p>Set this field to True to indicate that this folder holds generated searches.</p>
CanDelete	<p>Type: boolean. Nullable</p> <p>Set this field to False for predefined folders which operators are not allowed to deleted.</p>
CreatedByOperatorID	<p>Type: integer. Key. Nullable</p> <p>ID of the operator who created the view. Foreign key to the ComplianceOperator table.</p>
RestrictedAccessTypeID	<p>Type: integer. Key</p> <p>Defined access type to the view. Foreign key to the RestrictedAccessType table.</p>
ComplianceSearchFolderSystemID	<p>Type: integer. Key. Nullable</p> <p>An identifier for a system custom view folder.</p>
NameResourceName	<p>Type: text (max 256 characters). Key. Nullable</p> <p>The unique name of the localizable resource string representing a folder name. Foreign key to the ComplianceResourceString table.</p>

ComplianceSearchType Table

ComplianceSearchType is a static table holding the name of the basic objects, such as an asset or license, for which custom views can be created.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 156: Database columns for ComplianceSearchType table

Database Column	Details
ComplianceSearchTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a type of compliance search. Possible values, together with the associated names of the object being searched, are:</p> <ul style="list-style-type: none"> • -1 = Custom • 1 = Asset • 2 = License • 3 = Contract • 4 = Vendor • 5 = PurchaseOrder • 6 = SoftwareTitle • 7 = User • 8 = Computer • 13 = PurchaseOrderDetail • 14 = VirtualMachine • 15 = InstalledSoftware • 16 = SoftwareLicenseAllocation • 17 = PaymentSchedule • 18 = PaymentScheduleDetail • 19 = OracleInstance • 20 = OracleComponent • 21 = Suite • 22 = SuiteMember • 23 = TermAndCondition • 24 = ContractHistoryView • 25 = ContractDocumentView • 26 = DocumentNote • 27 = ComplianceResponsibility • 28 = ContractNote • 29 = Location

Database Column	Details
	<ul style="list-style-type: none"> • 30 = CostCenter • 31 = CorporateStructure • 32 = Category • 33 = VendorContact • 34 = Cluster • 35 = CloudServiceInstance.
TypeName	Type: text (max 64 characters). Key The name of the objects being searched.
TypeNameResourceName	Type: text (max 256 characters). Nullable The unique name of the localizable resource string representing a type name. Foreign key to the ComplianceResourceString table.
QuerySetup	Type: text. Nullable Query pre-calculation statement executed before custom view query.
QueryFilter	Type: text. Nullable Query filter template executed before custom view query.
QueryTemplate	Type: text. Nullable Query template for this search type.
IsCustom	Type: boolean False if the relation is out of the box, false otherwise.

ComplianceSearchTypeColumn Table

The ComplianceSearchTypeColumn table identifies all columns that may be used in custom views.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 157: Database columns for ComplianceSearchTypeColumn table

Database Column	Details
ComplianceSearchType	Type: integer. Key. Generated ID
ColumnID	A unique identifier for a custom view column.

Database Column	Details
ColumnName	<p>Type: text (max 128 characters). Key</p> <p>The default value of the display column name.</p>
ColumnNameResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing a column name. Foreign key to the ComplianceResourceString table.</p>
QuerySetup	<p>Type: text. Nullable</p> <p>Query pre-calculation statement executed before the custom view query.</p>
FromTable	<p>Type: text. Nullable</p> <p>The name of the database table where the column can be found.</p>
SelectName	<p>Type: text. Nullable</p> <p>The name of the column in the database.</p>
JoinClause	<p>Type: text. Nullable</p> <p>The SQL join that links other tables to provide the relevant data for this column.</p>
WhereClause	<p>Type: text. Nullable</p> <p>The SQL “WHERE” statement that limits the information returned by the custom view.</p>
SelectOptionsSQL	<p>Type: text. Nullable</p> <p>The SQL that selects the predefined list that the user can display when filtering on this column.</p>
FilterGroupType	<p>Type: integer. Nullable</p> <p>An ID that indicates the kind of value expected in this column, which in turn determines what kinds of filter options (such as <i>Contains</i>, <i>Starts With</i>) will be offered for this column. Possible values (and their associated meanings) are:</p> <ul style="list-style-type: none"> • 1 = string • 2 = number • 3 = list • 4 = date • 5 = group • 6 = money • 7 = boolean.

Database Column	Details
DefaultFilterType	<p>Type: integer. Nullable</p> <p>The type of field that should be used to search for information in this column. Possible values (and their associated meanings) are the same as for the previous field.</p>
ComplianceSearchTypeID	<p>Type: integer. Key</p> <p>The type of that the column is related to. Foreign key to the ComplianceSearchType table.</p>
RequiresSearchTypeID	<p>Type: integer. Nullable</p> <p>For special cases, a column may need data from another compliance object as well. Foreign key to the ComplianceSearchType table.</p>
Mandatory	<p>Type: boolean</p> <p>Set this field to True if this column must always be returned in the SQL “SELECT” statement.</p>
PrimaryKey	<p>Type: boolean</p> <p>Set this field to True if this column is the primary key of the SQL “SELECT” statement.</p>
SelectByDefault	<p>Type: boolean</p> <p>Set this field to True if this column should be included (checked) by default when the operator is creating a custom view. If False, the operator may include it manually.</p>
IsCustom	<p>Type: boolean</p> <p>False if the relation is out of the box, false otherwise.</p>
LinkAction	<p>Type: text (max 64 characters). Nullable</p> <p>The action to be used for the drill through link on this column.</p>
LinkController	<p>Type: text (max 64 characters). Nullable</p> <p>The controller to be used for the drill through link on this column.</p>
LinkIndicateOrigin	<p>Type: boolean</p> <p>Whether the drill through link on this column contains the report page URL as the origin URL.</p>
LinkFragmentField	<p>Type: text (max 64 characters). Nullable</p> <p>The fragment field name to be used for the drill through link on this column.</p>
IsMultiEditEnabled	<p>Type: boolean</p> <p>Whether the multiple object drill through is enabled on this object type.</p>
MultiEditConditionField	<p>Type: text. Nullable</p> <p>Field on which the multiple object drill through will be evaluated against.</p>

ComplianceSearchTypeRelation Table

The ComplianceSearchTypeRelation table tracks relationships between different objects for which operators can create custom views.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 158: Database columns for ComplianceSearchTypeRelation table

Database Column	Details
ComplianceSearchTypeRelationID	Type: integer. Key. Generated ID A unique identifier for a relationship.
RelationName	Type: text (max 256 characters). Key The unique internal name of this relation.
DescriptionResourceName	Type: text (max 256 characters). Nullable The unique name of the localizable resource string representing a relationship name. Foreign key to the ComplianceResourceString table.
DescriptionDefault	Type: text (max 256 characters) The default description of the relationship.
FromSearchTypeID	Type: integer. Key The ComplianceSearchType that represents the source of the relationship.
ToSearchTypeID	Type: integer. Key The ComplianceSearchType that represents the destination of the relationship.
ToMany	Type: boolean Set this field to True to allow more than one related row in the destination table for each row in the source table. If this field is False, rows have a one-to-one relationship.
JoinClause	Type: text The SQL join clause used to join the source object with a related object.
FilterClause	Type: text The SQL filter clause used to filter the source object with a related object.
IsCustom	Type: boolean False if the relation is out of the box, false otherwise.

ComplianceTask Table

ComplianceTask holds a collection of tasks, which are audit responsibilities generated by settings on a TermAndCondition.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 159: Database columns for ComplianceTask table

Database Column	Details
ComplianceTaskID	Type: integer. Key. Generated ID A unique identifier for the task.
ComplianceScheduleID	Type: integer. Key. Nullable The schedule the task is associated with. Foreign key to the ComplianceSchedule table.
TaskDate	Type: datetime. Nullable The date for the task.

ComplianceTenantSettingHistory Table

The ComplianceTenantSettingHistory table records changes to many tenant settings. This table has a series of ID columns, any one (or sometimes more) of which may be set to associate the history with a particular item. These ID columns don't have foreign keys to other tables. This allows us to retain history of deleted objects in order to maintain an audit trail (as yet, there is no UI around this information), and also to improve performance when deleting objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 160: Database columns for ComplianceTenantSettingHistory table

Database Column	Details
ComplianceTenantSettingHistoryID	Type: big integer. Key. Generated ID Unique identifier for a history record.
ComplianceOperatorID	Type: integer. Nullable ID from the ComplianceOperator table
SettingNameID	Type: integer. Nullable The setting ID that has been updated.

Database Column	Details
AvailablePackageID	Type: integer. Nullable The package ID that has been updated.
FieldName	Type: text (max 256 characters). Nullable The field name that has been updated. Foreign key to the ComplianceResourceString table.
OldValue	Type: text (max 4000 characters). Nullable Typically the value before the change, although at times, when multiple pieces of information are required to identify the action taking place, this field may store other supporting information. For example, when an operator is granted rights to access a contract, this field stores the type of access (such as “Normal” or “Administrator”) while the NewValue field stores the name of the contract.
NewValue	Type: text (max 4000 characters). Nullable Typically the value after the change, although refer to the above definition of the OldValue column for a description of extenuating circumstances.
ValuesAreResourceStrings	Type: boolean Set this field to True if the old and new values should be looked up as resource strings.
ComplianceHistoryTypeID	Type: integer Foreign key to the HistoryType table.
HistoryDate	Type: datetime The date of the change.
Comments	Type: text (max 2000 characters). Nullable Comments recorded about the change after it was made.

ComplianceUserPropertyValue Table

For each end-user, ComplianceUserPropertyValue stores the values for the custom properties defined in ComplianceUserTypeProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 161: Database columns for ComplianceUserPropertyValue table

Database Column	Details
ComplianceUserProperty ValueID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the property value.
ComplianceUserType PropertyID	<i>Type:</i> integer. Key The property whose value is being stored. Foreign key to the ComplianceUserTypeProperty table.
ComplianceUserID	<i>Type:</i> integer. Key The end-user associated with this property value. Foreign key to the ComplianceUser table.
PropertyValue	<i>Type:</i> text (max 4000 characters) The value of the property for the specified ComplianceUser.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

ComplianceUserTypeProperty Table

ComplianceUserTypeProperty defines extra custom properties for all end-users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 162: Database columns for ComplianceUserTypeProperty table

Database Column	Details
ComplianceUserType PropertyID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the property.
PropertyName	<i>Type:</i> text (max 256 characters). Key The name of the property.

Database Column	Details
CustomPropertyDisplayXMLID	Type: integer. Nullable Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

ComputerChassisType Table

ComputerChassisType is a static table listing all possible computer chassis (case) types.

Table 163: Database columns for ComputerChassisType table

Database Column	Details
ChassisTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each ComputerChassisType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Other • 2 = Unknown • 3 = Desktop • 4 = Low Profile Desktop • 5 = Pizza Box • 6 = Mini Tower • 7 = Tower • 8 = Portable • 9 = Laptop • 10 = Notebook • 11 = Other Hand Held • 12 = Docking Station • 13 = All in One • 14 = Sub Notebook • 15 = Space-Saving • 16 = Lunch Box • 17 = Main System Chassis • 18 = Expansion Chassis • 19 = Sub-Chassis • 20 = Bus Expansion Chassis • 21 = Peripheral Chassis • 22 = Storage Chassis • 23 = Rack Mount Chassis • 24 = Sealed-Case PC. • 25 = Smart Phone • 26 = Tablet

Database Column	Details
WMICHassisTypeID	Type: integer. Nullable The identifier for the chassis type identified in WMI.
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a computer role. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 128 characters) The text to display if the chassis type resource string has no translation.
IncludeInLicenseRec SecondUseDefault	Type: boolean Determines whether or not a second installation of an application on a computer of this chassis type (as well as on a primary computer assigned to the same end-user) may be counted as a legal second use under the Right of Second Use granted by some licenses. Currently, this field is used to group together chassis types that can be treated as “laptops” for this purpose.
SecondUseBitwiseValue	Type: integer Reserved for future use. Do not edit.

ConsolidatedLicenseUser Table

This table stores the data specific to a consolidated license user.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 164: Database columns for ConsolidatedLicenseUser table

Database Column	Details
ConsolidatedLicenseUserID	Type: integer. Key. Generated ID A unique identifier for the consolidated license user.
LicenseUserID	Type: integer Foreign key to the LicenseUser table.
ConsolidatedGroupNumber	Type: integer The unique identifier showing which users are duplicates of one another.
ConsolidatedName	Type: text The name of the consolidated user. If consolidated by rules engine, this column stores the name of the user with the lowest LicenseUserID

Database Column	Details
ConsolidationTypeID	Type: integer Foreign key to the ConsolidationType table.

ConsolidationType Table

This table stores consolidation type.

Table 165: Database columns for ConsolidationType table

Database Column	Details
ConsolidationTypeID	Type: integer. Key. Generated ID A unique identifier for the consolidation type.
ResourceName	Type: text (max 256 characters). Key. Nullable A localizable resource string representing a consolidation type. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) The text to display if the consolidation type resource string has no translation.

Contract Table

The Contract table contains a list of all the contracts in the system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 166: Database columns for Contract table

Database Column	Details
ContractID	Type: integer. Key. Generated ID A unique identifier for the contract.
ContractNo	Type: text (max 60 characters) The contract number assigned by the operator.
ContractName	Type: text (max 100 characters) A contract name assigned by the operator.

Database Column	Details
ContractTypeID	<i>Type:</i> integer. Key Identifies the type of contract. Foreign key to the ContractType table.
ContractStatusID	<i>Type:</i> integer Identifies the status of the contract. Foreign key to the ContractStatus table.
NeverExpires	<i>Type:</i> boolean If set to True, this contract never expires. If False, the contract expires at the date specified in the EndDate field.
StartDate	<i>Type:</i> datetime. Nullable The start date of the contract.
EndDate	<i>Type:</i> datetime. Nullable The end date of the contract.
PreExpiryDate	<i>Type:</i> datetime. Nullable The date at which a contract should be reviewed prior to its expiry date.
RenewalDate	<i>Type:</i> datetime. Nullable The date at which a contract is due to be renewed.
Price	<i>Type:</i> currency. Nullable The price of the contract.
PriceRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the above contract price. Foreign key to the CurrencyRate table.
PeriodTypeID	<i>Type:</i> integer. Nullable The frequency with which the period payments are applicable. Foreign key to the PeriodType table.
BuyoutCost	<i>Type:</i> currency. Nullable The buyout cost of the contract.
BuyoutCostRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the above buyout cost. Foreign key to the CurrencyRate table.
ManagerID	<i>Type:</i> integer. Key. Nullable The person who manages the contract. Foreign key to the ComplianceUser table.
Comments	<i>Type:</i> text. Nullable Comments recorded about the contract.

Database Column	Details
PeriodicPayment	<p><i>Type:</i> currency. Nullable</p> <p>The price of periodic payments associated with this contract.</p>
PeriodicPaymentRateID	<p><i>Type:</i> integer. Nullable</p> <p>The currency rate to be applied to the periodic payments figure above. Foreign key to the CurrencyRate table.</p>
VendorID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The vendor with which the contract agreement has been made. Foreign key to the Vendor table.</p>
MasterContractID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The contract that is the master of this contract. Foreign key to another contract in this Contract table.</p>
LocationID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise location associated with this contract. Foreign key to the GroupEx table.</p>
BusinessUnitID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise corporate unit associated with this contract. Foreign key to the GroupEx table.</p>
CostCenterID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise cost center associated with this contract. Foreign key to the GroupEx table.</p>
CategoryID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any category used in this enterprise that is associated with this contract. Foreign key to the GroupEx table.</p>
LicenseDowngradeEnabled	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, licenses can inherit downgrade rights from this contract. If <code>False</code> (the default), licenses cannot inherit downgrade rights.</p>
LicenseDowngradeToVersion	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting downgrade rights from this contract can cover all previous releases (with the same edition) of the primary application. If <code>False</code>, licenses inheriting downgrade rights may not downgrade to earlier versions.</p>
LicenseDowngradeToEdition	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting downgrade rights from this contract can cover all lower editions of this version of the primary application. If <code>False</code>, licenses inheriting downgrade rights may not downgrade to lower editions.</p>

Database Column	Details
LicenseUpgradeEnabled	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, licenses can inherit upgrade rights from this contract. If <code>False</code> (the default), licenses cannot inherit upgrade rights.</p>
LicenseUpgradeToVersion	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting upgrade rights from this contract can cover all later releases (with the same edition) of the primary application. If <code>False</code>, licenses inheriting upgrade rights may not upgrade to later versions.</p>
LicenseUpgradeUntilContractExpiry	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting upgrade rights from this contract can cover all later releases (with the same edition) of the primary application, as long as they were released before the expiry date (<code>EndDate</code>) of the contract. If <code>False</code>, licenses inheriting upgrade rights do not take the application release date into consideration.</p>
GrantSecondUseToLicense	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, licenses can inherit the right of second use from this contract. If <code>False</code> (the default), licenses cannot inherit the right of second use.</p>
SecondUsageWorkLaptop	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting from this contract will confer the right of second use on a work laptop. If <code>False</code>, licenses inheriting from this contract will not confer the right of second use.</p>
SecondUsageAtHome	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting from this contract will confer the right of second use on a home computer, for the same end-user as the primary end-user of the license entitlement consumed at work. If <code>False</code>, licenses inheriting from this contract will not confer the right of second use on a home computer.</p>
GrantVirtualInstallsToLicense	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, licenses can inherit the virtual machine licensing rights from this contract. If <code>False</code> (the default), licenses cannot inherit virtual machine licensing rights.</p>
CoverInstallsOnVirtualMachines	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, any license inheriting virtual machine rights from this contract may be used to account for installations on virtual machines. If <code>False</code>, licenses inheriting virtual machine rights may only account for installations on physical machines.</p>

Database Column	Details
LimitNumberOfVirtualInstalls	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, there is a limit to the number of virtual machine installations that may be covered by any license inheriting virtual machine rights from this contract. If this field is <code>False</code>, one license entitlement may cover any use on virtual machines (typically within one host computer).</p>
NumberOfAllowedVirtualInstalls	<p><i>Type:</i> integer. Nullable</p> <p>If this contract confers the right for an inheriting license to cover installations on virtual machines, this field specifies how many installations per host are allowed before an additional license entitlement (or point) is consumed.</p>
LimitVirtualInstallsIncludesHost	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, the host operating system installations are included in the overall count of operating systems on the host when there is a limit on the number of allowed virtual installs for each license. If <code>False</code>, the host operating system is not considered when determining virtual install limits.</p>
UseHostProcessorInformation	<p><i>Type:</i> boolean</p> <p>If virtual installs are allowed, this field controls whether host information is used by an inheriting license when calculating the license points consumed.</p>
GrantLimitPointsToLicense	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, licenses can inherit the right of multiple use from this contract. If <code>False</code> (the default), licenses cannot inherit the right of multiple use.</p>
LimitNumberOfApplicationsEachLicensePointCovers	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, there is a limit, for any inheriting license, to the number of application installations allowed per license entitlement (or point). If this bit is <code>False</code> (the default), an inheriting license entitles you to any number of installations of software linked to this license on the one computer.</p>
NumberOfApplicationInstallsAllowedPerLicensePoint	<p><i>Type:</i> integer. Nullable</p> <p>Where the previous field is set to <code>True</code>, this column defines the limited number of application installations allowed per entitlement (or point).</p>
LimitNumberOfComputersUserLicenseCanBeInstalledOn	<p><i>Type:</i> boolean</p> <p>If this field is set to <code>True</code>, there is a limit, for an inheriting user-based license, to the number of computers that an end-user can use per entitlement (or point) consumed. If this field is <code>False</code> (the default), a single end-user is entitled to install related software for his/her own use on any number of computers.</p>
NumberOfComputersAllowedPerUserLicensePoint	<p><i>Type:</i> integer. Nullable</p> <p>Where the previous field is set to <code>True</code>, this column defines the limited number of application installations an end-user is allowed per entitlement (or point).</p>

Database Column	Details
InitialPlatformQuantity	<p>Type: integer. Nullable</p> <p>The number of desktops covered by the Microsoft Enterprise Agreement platform license at the start of the agreement.</p>
PurchaseProgramID	<p>Type: integer. Nullable</p> <p>Identifies the purchase program of contract. Foreign key to the PurchaseProgram table.</p>
MSSelectApplicationLevelID	<p>Type: integer. Nullable</p> <p>Identifies the Microsoft Select level for applications. Foreign key to the MSSelectLevel table.</p>
MSSelectSystemLevelID	<p>Type: integer. Nullable</p> <p>Identifies the Microsoft Select level for systems. Foreign key to the MSSelectLevel table.</p>
MSSelectServerLevelID	<p>Type: integer. Nullable</p> <p>Identifies the Microsoft Select level for servers. Foreign key to the MSSelectLevel table.</p>
CreationUser	<p>Type: text (max 128 characters). Nullable</p> <p>The operator who created the record.</p>
CreationDate	<p>Type: datetime</p> <p>The date the record was created.</p>
UpdatedUser	<p>Type: text (max 128 characters). Nullable</p> <p>The operator who last updated the record.</p>
UpdatedDate	<p>Type: datetime. Nullable</p> <p>The date the record was last updated.</p>
TotalValue	<p>Type: currency. Nullable</p> <p>The total value of the contract.</p>
TotalValueRateID	<p>Type: integer. Nullable</p> <p>The rate for the total value. Foreign key to the CurrencyRate table.</p>
MonthlyValue	<p>Type: currency. Nullable</p> <p>The cost of the contract per month.</p>
MonthlyValueRateID	<p>Type: integer. Nullable</p> <p>The rate for the monthly cost. Foreign key to the CurrencyRate table.</p>
ProjectID	<p>Type: integer. Key. Nullable</p> <p>A project for the Contract. Foreign key to the Project table.</p>

Database Column	Details
SecurityTypeID	<p>Type: integer. Nullable</p> <p>The type of security to use when determining which operators have access to the contract. Foreign key to the SecurityType table.</p>
PreviousContractID	<p>Type: integer. Key. Nullable</p> <p>A link to a contract that this contract has replaced. Foreign key to the Contract table.</p>
ContractStateID	<p>Type: integer. Nullable</p> <p>The state of the contract. Foreign key to the ContractState table.</p>
LastRenewedDate	<p>Type: datetime. Nullable</p> <p>The date when the contract was last renewed.</p>
LicenseConsumptionEnabled	<p>Type: boolean</p> <p>If this field is set to True, licenses can inherit consumption rules from this contract. If False (the default), licenses cannot inherit consumption rules.</p>
LicenseMobilityEnabled	<p>Type: boolean</p> <p>If this field is set to True, licenses can inherit mobility rights from this contract. If False (the default), licenses cannot inherit mobility rights.</p>
ProcessorLimitsEnabled	<p>Type: boolean</p> <p>If this field is set to True, licenses can inherit rights related to processor limits from this contract. If False (the default), licenses cannot inherit rights related to processor limits.</p>

ContractNote Table

ContractNote stores a list of notes attached to a contract.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 167: Database columns for ContractNote table

Database Column	Details
ContractNoteID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the contract note.</p>
ContractID	<p>Type: integer. Key</p> <p>The contract that the note is for. Foreign key to the Contract table.</p>

Database Column	Details
ShortDescription	<i>Type:</i> text (max 100 characters) In the user interface, this maps to the contract reference to which the note relates.
LongDescription	<i>Type:</i> text. Nullable The content of the note.
CreationUser	<i>Type:</i> text (max 128 characters) The operator who created the note.
CreationDate	<i>Type:</i> datetime The date of creation of the note.
UpdatedUser	<i>Type:</i> text (max 128 characters) The operator who last updated the note.
UpdatedDate	<i>Type:</i> datetime The date of the last update to the note.

ContractNotification Table

ContractNotification lists the notifications that need to be sent for a contract.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 168: Database columns for ContractNotification table

Database Column	Details
ContractNotificationID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the contract notification.
ContractID	<i>Type:</i> integer. Key The contract this record is associated with. Foreign key to the Contract table.
NotificationInterval	<i>Type:</i> integer Defines how long before the contract notification is sent.
NotificationIntervalTypeID	<i>Type:</i> integer Defines the interval type used to work out how long before a contract notification is sent. Foreign key to the IntervalType table.

Database Column	Details
NotificationTypeID	<p>Type: integer. Key</p> <p>Defines the type of notification (contract renewal or contract expiry). Foreign key to the NotificationType table.</p>

ContractNotificationResponsibility Table

ContractNotificationResponsibility keeps track of which responsibility groups need to be notified for contract expiry or renewals.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 169: Database columns for ContractNotificationResponsibility table

Database Column	Details
ContractNotificationResponsibilityID	<p>Type: integer. Key. Generated ID</p> <p>Unique identifier for contract notification responsibility groups.</p>
ContractID	<p>Type: integer. Key</p> <p>The contract generating notifications. Foreign key to the Contract table.</p>
ResponsibilityTypeID	<p>Type: integer. Key</p> <p>The responsibility type of the end-users receiving notifications about the contract. Foreign key to the ResponsibilityType table.</p>
NotificationTypeID	<p>Type: integer. Key</p> <p>The type of notification (renewal or expiry) that these responsibility groups should receive notifications for. Foreign key to the NotificationType table.</p>

ContractProperty Table

ContractProperty defines extra custom properties for contracts of a specified type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 170: Database columns for ContractProperty table

Database Column	Details
ContractPropertyID	<i>Type:</i> integer. Key. Generated ID Unique identifier for a contract property.
ContractTypeID	<i>Type:</i> integer. Key The type of contract to which this property may apply. Foreign key to the ContractType table.
PropertyName	<i>Type:</i> text (max 256 characters). Key The name of the custom property. A unique identifier for a resource string. Foreign key to the ComplianceResourceString table.
CustomPropertyDisplayXMLID	<i>Type:</i> integer. Nullable Reference to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

ContractPropertyValue Table

For each contract, ContractPropertyValue stores the values for the custom properties defined in ContractProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 171: Database columns for ContractPropertyValue table

Database Column	Details
ContractPropertyValueID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a property value.
ContractID	<i>Type:</i> integer. Key The individual contract to which this value applies. Foreign key to the Contract table.
ContractPropertyID	<i>Type:</i> integer. Key The property that contains this value. The contract should have the same type as the type associated with this property. Foreign key to the ContractProperty table.
PropertyValue	<i>Type:</i> text (max 4000 characters) The property value.

Database Column	Details
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.

ContractScopingData Table

ContractScoping links contracts to the enterprise groups to which they apply. Exactly one of GroupExID and CategoryID must be non-NULL.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 172: Database columns for ContractScopingData table

Database Column	Details
ContractID	Type: integer. Key The contract the scoping applies to. Foreign key to the Contract table.
GroupExID	Type: text (max 128 characters). Key. Nullable The enterprise group that the scoping applies to. Foreign key to the GroupEx table.
CategoryID	Type: text (max 128 characters). Key. Nullable The category that the scoping applies to. Foreign key to the Category table.

ContractSecurityUser Table

ContractSecurityUser stores a list of permissions granted to an operator for a contract with Restricted security.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 173: Database columns for ContractSecurityUser table

Database Column	Details
ContractID	<i>Type:</i> integer. Key The contract with Restricted security. Foreign key to the Contract table.
ActionClassID	<i>Type:</i> integer. Key The type of permission being granted to the operator. Foreign key to the ActionClass table.
ComplianceOperatorID	<i>Type:</i> integer. Key The operator that the permission is granted to. Foreign key to the ComplianceOperator table.

ContractState Table

ContractState holds the different states a contract can be in.

Table 174: Database columns for ContractState table

Database Column	Details
ContractStateID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each ContractState. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Draft • 2 = Suspended • 3 = Active • 4 = Archived • 5 = Cancelled • 6 = Expired • 7 = Completed.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a contract state. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the state resource string has no translation.

ContractStatus Table

ContractStatus is a static table listing all contract status values in the system.

Table 175: Database columns for ContractStatus table

Database Column	Details
ContractStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ContractStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Active • 2 = Archived • 3 = Draft • 4 = Suspended • 5 = Cancelled • 6 = Expired • 7 = Completed.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a contract status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

ContractType Table

ContractType is a static table listing all contract types in the system.

Table 176: Database columns for ContractType table

Database Column	Details
ContractTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ContractType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = General • 2 = Lease • 3 = Hardware Maintenance and Support • 4 = Software License • 5 = Software Maintenance and Support • 6 = Blanket purchase • 7 = Consulting services • 8 = Insurance • 9 = Rent • 10 = Subscription • 11 = Microsoft Business and Services Agreement • 12 = Microsoft Select License Agreement • 13 = Microsoft Select Plus Agreement • 14 = Microsoft Select License Enrollment • 15 = Microsoft Select Plus Affiliate • 16 = Microsoft Enterprise Agreement • 17 = Microsoft Enterprise Subscription Agreement.
ContractTypeResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a contract type. Foreign key to the ComplianceResourceString table.</p>
ContractTypeDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
XMLFile	<p><i>Type:</i> text. Nullable</p> <p>The layout of the property dialog for this type of computer, stored in XML format.</p>

Database Column	Details
PathResourceName	<i>Type:</i> text (max 256 characters) The unique name of the localizable resource string representing the parent contract type under which this contract type should be displayed. Foreign key to the ComplianceResourceString table.
PathDefaultValue	<i>Type:</i> text (max 256 characters) The default parent contract type text to display if the resource string has no translation.
PurchaseProgramID	<i>Type:</i> integer. Nullable The default purchase program for this contract type.
CanCreate	<i>Type:</i> boolean Whether the end-user can manually create contracts of this type.

ContractUseRight Table

ContractUseRight contains licensing rules most of which can be set by PURL.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 177: Database columns for ContractUseRight table

Database Column	Details
ContractUseRightID	<i>Type:</i> integer. Key. Generated ID A unique identifier
ContractID	<i>Type:</i> integer. Key A unique identifier for a contract.
ReassignmentTimeLimit AppliesDevice	<i>Type:</i> boolean If 1 then the license cannot be reassigned for some period of time (example is Microsoft 90 day rule)
ReassignmentTimeLimit AppliesUser	<i>Type:</i> boolean If 1 then the license cannot be reassigned for some period of time (example is Microsoft 90 day rule)
ReassignmentTimeLimit Device	<i>Type:</i> integer. Nullable The period (in days) within which the license cannot be reassigned

Database Column	Details
ReassignmentTimeLimitUser	<p><i>Type:</i> integer. Nullable</p> <p>The period (in days) within which the license cannot be reassigned</p>
LicenseMobilityApplies	<p><i>Type:</i> boolean</p> <p>1 if eligible for bringing your own license to cloud environment</p>
NumberOfOSEPerLicense	<p><i>Type:</i> integer. Nullable</p> <p>Number of OSE per license</p>
NumberOfProcessorsPerOSE	<p><i>Type:</i> integer. Nullable</p> <p>Number of processors per OSE</p>
TotalNumberOfCoresPerVMPerLicense	<p><i>Type:</i> integer. Nullable</p> <p>Total number of cores per VM per license</p>
NumberOfCoresPerSocket	<p><i>Type:</i> integer. Nullable</p> <p>Number of cores per socket</p>
ThirdPartyAccessAllowed	<p><i>Type:</i> boolean</p> <p>Access to applications is allowed to third party users. This field is defaulted to True</p>
AllowExternalRoamingUse	<p><i>Type:</i> boolean. Nullable</p> <p>Set this field to True if license allows external roaming use. This field is defaulted to False. This is applicable for both device and user licenses and is related to virtual application access. If 1, this license will consume 1 entitlement per each user. If 0, this license will consume 1 license per each user device. And, if NULL, ignore virtual application access. This can be used in conjunction with VirtualApplicationAccessMaximumUsagePeriod.</p>
MeasurementDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date of the license measurement.</p>
ConsumptionUnit	<p><i>Type:</i> text. Nullable</p> <p>Unit description to describe the consumption amount.</p>
TargetOperatingSystemTypeID	<p><i>Type:</i> integer</p> <p>Type of Operating Systems to target</p>
VirtualApplicationAccessMaximumUsagePeriodDevice	<p><i>Type:</i> integer. Nullable</p> <p>This is a rule for virtual application access. This is used in conjunction with the AllowExternalRoamingUse. For Device licenses, a license will consume 1 entitlement per each user device when used in period specified here.</p>

Database Column	Details
VirtualApplication AccessMaximumUsage PeriodUser	<i>Type:</i> integer. Nullable This is a rule for virtual application access. This is used in conjunction with the AllowExternalRoamingUse. For user licenses, if 1, this license will consume only when used in period specified here.
AlwaysInstalled	<i>Type:</i> boolean If this field is True, this license is considered in to be used whenever it is allocated. If False, software usage is considered separately, and allocation merely defines the corporation's modelling of who is expected to consume entitlements.
MinimumNumberOf LicensesPerVM	<i>Type:</i> integer When licensing a Virtual Hardware System with a MServerCore license (LicenseTypeID = 33), consume license entitlements as though the virtual machine had at least this number of virtual threads.
AllowIBMPVUSubCapacity FromNonILMT	<i>Type:</i> boolean If the license does not use host processor information (not full capacity), set this field to True to allow non-ILMT sub-capacity PVU consumption calculations to be used.
NumberOfAllowed ProcessorsPerHost	<i>Type:</i> integer. Nullable This field specifies how many processors per host are allowed before an additional license entitlement (or point) is consumed. Null provides the default of 1. Zero provides unlimited.
MinimumNumberOfProcessors	<i>Type:</i> integer The minimum number of processors that this license is for. This field is only used where the SoftwareLicenseType is MServerProcessor (LicenseTypeID = 22).

ContractUseRightIBM Table

ContractUseRightIBM contains IBM licensing rules most of which can be set by PURL.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 178: Database columns for ContractUseRightIBM table

Database Column	Details
ContractUseRightIBMid	Type: integer. Key. Generated ID A unique identifier
ContractID	Type: integer. Key A unique identifier for a contract.
PVULimitApplies	Type: boolean If 1 then PVU limits apply
PVULimit	Type: integer. Nullable PVU limit

ContractVendor Table

ContractVendor stores the links between vendors and contracts.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 179: Database columns for ContractVendor table

Database Column	Details
ContractVendorID	Type: integer. Key. Generated ID A unique identifier for the link.
ContractID	Type: integer. Key The contract that the vendor is linked to. Foreign key to the Contract table.
VendorID	Type: integer. Key. Nullable The vendor that the contract is linked to. Foreign key to the Vendor table.
ThirdParty	Type: boolean Set this field to True if this vendor is third-party.

CurrencyRate Table

CurrencyRate stores the exchange rates assigned to any currency.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 180: Database columns for CurrencyRate table

Database Column	Details
CurrencyRateID	Type: integer. Key. Generated ID Unique identifier for each record.
SnapshotID	Type: integer. Key Snapshot associated with this exchange rate. Foreign key to the CurrencyRateSnapshot table.
CurrencyID	Type: integer. Key Currency associated with this exchange rate. Foreign key to the Currency table.
Rate	Type: decimal Exchange rate assigned to the currency for the selected snapshot.
UpdatedUser	Type: text (max 256 characters). Nullable Operator who last modified the record.
UpdatedDate	Type: datetime. Nullable Date that the record was last modified.

CurrencyRateSnapshot Table

Each record in CurrencyRateSnapshot represents a single currency snapshot.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 181: Database columns for CurrencyRateSnapshot table

Database Column	Details
CurrencyRateSnapshotID	Type: integer. Key. Generated ID Unique identifier for this record.
SnapshotName	Type: text (max 256 characters) Name of the currency snapshot.
SnapshotResourceID	Type: text (max 64 characters). Nullable The resource string containing the name of the snapshot to display on the user interface.

Database Column	Details
SnapshotDate	Type: datetime. Nullable Start date of the currency snapshot.
SnapshotReference CurrencyID	Type: integer. Nullable Reference currency used for this snapshot. Foreign key to the Currency table.
IsStandardRateSnapshot	Type: boolean. Key Set to True if this is the default standard rate snapshot, which is created for each FNMP installation.
UpdatedUser	Type: text (max 256 characters). Nullable Operator who last modified this record.
UpdatedDate	Type: datetime. Nullable Date this record was last modified.

CustomPropertyDisplayXML Table

CustomPropertyDisplayXML stores XML snippets with layout information for custom properties. The XML snippets in this table will be inserted into the default XML layout for the appropriate property dialog. Storing snippets in this table, rather than manually updating the default XML layout, ensures that custom properties will continue to be applied even after upgrading the product (since during a product upgrade, we typically overwrite all property display XML layout with the new defaults for that version of the product).

Table 182: Database columns for CustomPropertyDisplayXML table

Database Column	Details
CustomPropertyDisplayXMLID	Type: integer. Key. Generated ID A unique identifier for this XML snippet.
XMLSnippet	Type: text An XML snippet that describes how to show this property in the properties dialog.
InsertXPath	Type: text XPath which selects an XML node where the snippet will be inserted.
XMLInsertTypeID	Type: integer How to insert this property at the selected XPath node. Foreign key to the XMLInsertType table.

Database Column	Details
InsertOrder	<p><i>Type:</i> integer</p> <p>The order in which to insert the XML snippet for this property into the XML layout file. If this value is higher than another, it will be inserted after it. Useful when the XML snippet for this property is to be inserted inside another - for instance, if a property creates a tab or group.</p>

DisplayXML Table

The static `DisplayXML` table stores the default XML code representing the property dialog layout for non-type-specific objects such as purchase orders, vendors and evidence. The XML files for type-specific entities (such as assets) are stored in the static type tables (such as `AssetType`) for those objects.

Table 183: Database columns for `DisplayXML` table

Database Column	Details
XMLType	<p><i>Type:</i> text (max 30 characters). Key</p> <p>A unique identifier for the type of object associated with the XML. Possible values are:</p> <ul style="list-style-type: none"> Contract (not in use any longer - the contract XML files are now stored in <code>ContractType</code>) Vendor VendorContact PurchaseOrder PurchaseOrderDetail SoftwareTitle FileEvidence InstallerEvidence User TermAndCondition Operator LicensePointsRuleSet.
XMLFile	<p><i>Type:</i> text. Nullable</p> <p>The layout of the property dialog for this type of entity, stored in XML format.</p>

Document Table

The Document table stores details of documents or files relating to assets, contracts, purchase orders, licenses and terms and conditions.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 184: Database columns for Document table

Database Column	Details
DocumentID	Type: integer. Key. Generated ID A unique identifier for the document.
DocumentTypeID	Type: integer The way that the document is stored and referenced. Foreign key to the DocumentType table.
DocumentName	Type: text (max 500 characters) The name of the document.
DocumentFile	Type: image. Nullable The binary data for the document (if it is stored in the FlexNet Manager Suite database).
OpenWith	Type: text (max 500 characters). Nullable The program to attempt to open the document with.
DocumentDescription	Type: text (max 3000 characters) A description of the document.
PhysicalLocation	Type: text (max 500 characters). Nullable Physical location of a (possibly hard) copy of this document. NOTE: for compatibility with the FlexNet Manager Suite console, when the document type is 3 (Reference), the DocumentName column should be used instead, and this field set to null.
DocumentSize	Type: integer. Nullable Document size in bytes.
ContentType	Type: text (max 256 characters). Nullable The MIME-type of the document file.
AssetID	Type: integer. Key. Nullable The asset to which this document may be linked. Foreign key to the Asset table.

Database Column	Details
PurchaseOrderID	<p>Type: integer. Key. Nullable</p> <p>The purchase order to which the document may be linked. Foreign key to the PurchaseOrder table.</p>
PurchaseOrderDetailID	<p>Type: integer. Key. Nullable</p> <p>The purchase order detail (or PO line) to which the document may be linked. Foreign key to the PurchaseOrderDetail table.</p>
ContractID	<p>Type: integer. Key. Nullable</p> <p>The contract to which the document may be linked. Foreign key to the Contract table.</p>
SoftwareLicenseID	<p>Type: integer. Nullable</p> <p>The license to which the document may be linked. Foreign key to the SoftwareLicense table.</p>
ComplianceUserID	<p>Type: integer. Key. Nullable</p> <p>The end-user to which the document may be linked. Foreign key to the ComplianceUser table.</p>
AttachDate	<p>Type: datetime</p> <p>The date and time this document was linked.</p>
UserName	<p>Type: text (max 256 characters)</p> <p>Operator who created the link between this document and the other object.</p>
DocumentNoteID	<p>Type: integer. Key. Nullable</p> <p>The note to which this document may be linked. Foreign key to the DocumentNote table.</p>
ContractNoteID	<p>Type: integer. Key. Nullable</p> <p>The contract note to which this document may be linked. Foreign key to the ContractNote table.</p>
TermAndConditionID	<p>Type: integer. Key. Nullable</p> <p>The term/condition to which this document may be linked. Foreign key to the TermAndCondition table.</p>
SecurityTypeID	<p>Type: integer. Key. Nullable</p> <p>Security type for this document (role-based or individual access). Foreign key to the SecurityType table.</p>
FileType	<p>Type: text (max 20 characters). Nullable</p> <p>The type of the file that has been uploaded, if any. This is used to provide full-text indexing.</p>

Database Column	Details
ComplianceOperatorID	<p>Type: integer. Nullable</p> <p>The end-operator to which the document may be linked. Foreign key to the ComplianceOperator table.</p>
IsOracleLMS	<p>Type: boolean</p> <p>If set to True, this field indicates that this document is relating to Oracle LMS. If False, then the document is not relating to Oracle LMS.</p>

DocumentHistory Table

The DocumentHistory table stores history of documents or files relating to assets, contracts, purchase orders, licenses, and terms and conditions.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 185: Database columns for DocumentHistory table

Database Column	Details
DocumentHistoryID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the document history.</p>
DocumentID	<p>Type: integer. Key</p> <p>The corresponding document. Foreign key to the Document table.</p>
DocumentTypeID	<p>Type: integer</p> <p>The way that the document is stored and referenced. Foreign key to the DocumentType table.</p>
DocumentName	<p>Type: text (max 500 characters)</p> <p>The name of the document.</p>
DocumentFile	<p>Type: image. Nullable</p> <p>The binary data for the document (if it is stored in the FlexNet Manager Suite database).</p>
OpenWith	<p>Type: text (max 500 characters). Nullable</p> <p>The program to attempt to open the document with.</p>
DocumentDescription	<p>Type: text (max 3000 characters)</p> <p>A description of the document.</p>

Database Column	Details
PhysicalLocation	<p>Type: text (max 500 characters). Nullable</p> <p>Physical location of a (possibly hard) copy of this document. NOTE: for compatibility with the FlexNet Manager Suite console, when the document type is 3 (Reference), the DocumentName column should be used instead, and this field set to null.</p>
DocumentSize	<p>Type: integer. Nullable</p> <p>Document size in bytes.</p>
ContentType	<p>Type: text (max 256 characters). Nullable</p> <p>The MIME-type of the document file.</p>
UserName	<p>Type: text (max 256 characters)</p> <p>Operator who created the link between this document and the other object.</p>
AttachDate	<p>Type: datetime</p> <p>The date and time this document was linked to the other object.</p>
FileType	<p>Type: text (max 20 characters). Nullable</p> <p>The type of the file that has been uploaded, if any. This is used to provide full-text indexing.</p>

DocumentNote Table

DocumentNote stores a list of notes attached to a document. The document itself is attached to a contract.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 186: Database columns for DocumentNote table

Database Column	Details
DocumentNoteID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the document note.</p>
DocumentID	<p>Type: integer</p> <p>The document that the note is for. Foreign key to the Document table.</p>
ShortDescription	<p>Type: text (max 100 characters)</p> <p>In the user interface, this maps to the document reference to which the note relates.</p>

Database Column	Details
LongDescription	<i>Type:</i> text. Nullable The content of the note.
CreationUser	<i>Type:</i> text (max 128 characters) The operator who created the note.
CreationDate	<i>Type:</i> datetime The date of creation of the note.
UpdatedUser	<i>Type:</i> text (max 128 characters) The operator who last updated the note.
UpdatedDate	<i>Type:</i> datetime The date of the last update to the note.

DocumentType Table

DocumentType is a static value listing the alternative ways that a document can be saved in the database.

Table 187: Database columns for DocumentType table

Database Column	Details
DocumentTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each DocumentType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Document upload • 2 = File location • 3 = Physical location • 4 = URL.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a document type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the type resource string has no translation.

Event Table

The Event table stores errors and events processed by the beacon, devices, rules etc.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 188: Database columns for Event table

Database Column	Details
EventID	Type: integer. Key. Generated ID Synthetic key for this table.
ActivityID	Type: integer. Key Foreign key to the Activity table.
EventUID	Type: unique identifier. Key UID to uniquely identify the event.
EventTypeID	Type: integer. Key Foreign key to the EventType table.
CreationDate	Type: datetime Date and time (UTC) when the Event was created.
SessionUID	Type: unique identifier. Key. Nullable UID to uniquely identify the the session.

EventLogCategory Table

The EventLogCategory table holds the different categories of events created by the system.

Table 189: Database columns for EventLogCategory table

Database Column	Details
EventLogCategoryID	Type: integer. Key. Generated ID A unique identifier for each EventLogCategory. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = Email Notification.
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a event category. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) A description of the event category.

EventLogDetail Table

The EventLogDetail table holds details of the events created by the system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 190: Database columns for EventLogDetail table

Database Column	Details
EventLogDetailID	Type: integer. Key. Generated ID A unique identifier for an event detail.
EventLogSummaryID	Type: integer. Key The unique identifier for an event. Foreign key to the EventLogSummary table.
EventLogLevelID	Type: integer. Key The level of event. Foreign key to the EventLogLevel table.
MessageTime	Type: datetime. Key The time that the event was raised.
Message	Type: text (max 256 characters) The brief event message.
Details	Type: text. Nullable The full event message.
ParentEventLogDetailID	Type: integer. Key. Nullable The parent event log detail. Foreign key to another event log detail in this same EventLogDetail table.

EventLogLevel Table

The EventLogLevel table holds the different levels of events created by the system.

Table 191: Database columns for EventLogLevel table

Database Column	Details
EventLogLevelID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each EventLogLevel. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Information • 2 = Warning • 3 = Error. • 4 = Performance.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an event level. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>A description of the event level.</p>

EventLogStatus Table

The EventLogStatus table holds the different statuses of events created by the system.

Table 192: Database columns for EventLogStatus table

Database Column	Details
EventLogStatusID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each EventLogStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = In Progress • 2 = Success • 3 = Failed.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an event status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>A description of the event status.</p>

EventLogSummary Table

The EventLogSummary table holds the top level summary of events created by the system.

Table 193: Database columns for EventLogSummary table

Database Column	Details
EventLogSummaryID	<i>Type:</i> integer. Key. Generated ID A unique identifier for an event.
StartTime	<i>Type:</i> datetime. Key The time that the event started.
EndTime	<i>Type:</i> datetime. Key. Nullable The time that the event finished.
EventLogCategoryID	<i>Type:</i> integer. Key The category of event. Foreign key to the EventLogCategory table.
EventName	<i>Type:</i> text (max 128 characters) Brief description of the event.
EventLogStatusID	<i>Type:</i> integer. Key The status of the event. Foreign key to the EventLogStatus table.

EventParameter Table

The EventParameter table stores the links between Activities and EventParameterTypes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 194: Database columns for EventParameter table

Database Column	Details
EventParameterID	<i>Type:</i> integer. Key. Generated ID Primary key for the EventParameter table
EventID	<i>Type:</i> integer. Key A link to the Event table

Database Column	Details
EventParameterTypeID	<i>Type:</i> integer A link the the EventParameterType table. this value specifies which kind of object the EventParameter is linked to.
Value	<i>Type:</i> text stores the value of this parameter.

EventParameterType Table

The EventParameterType table stores details about the different types of Event Parameters.

Table 195: Database columns for EventParameterType table

Database Column	Details
EventParameterTypeID	<i>Type:</i> integer. Key. Generated ID Synthetic key for this table.
EventParameterTypeName	<i>Type:</i> text (max 256 characters). Key A short piece of text representing the Event Parameter. Internal use only- not to be displayed to the operator.
IsResourceString	<i>Type:</i> boolean A short piece of text representing the Event Parameter. Internal use only- not to be displayed to the operator.

EventSeverity Table

EventSeverity is a static table listing all of the severity levels that an event type can have.

Table 196: Database columns for EventSeverity table

Database Column	Details
EventSeverityID	<i>Type:</i> integer. Key. Generated ID
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the EventSeverity record. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the state resource string has no translation.

EventTarget Table

The EventTarget table stores the links between Activities and other tables in the database.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 197: Database columns for EventTarget table

Database Column	Details
EventID	Type: integer. Key Link to the Event table
TargetTypeID	Type: integer. Key A link to the TargetType table. this value specifies which kind of object the Event is linked to.
TargetUID	Type: unique identifier. Key. Nullable used to attach the Event to its target. The target table depends on the TargetTypeID of the linked EventType.
TargetID	Type: integer. Nullable ID of the target. Referenced if the UID is not available.
TargetName	Type: text (max 128 characters). Nullable TargetName used to record the name of the target. Can be used when the UID or ID is not available.

EventType Table

The EventType table stores details about the different types of Events.

Table 198: Database columns for EventType table

Database Column	Details
EventTypeID	Type: integer. Key. Generated ID Synthetic key for this table.
EventTypeName	Type: text (max 256 characters). Key Short text representing the Event Type. Internal use only- not to be displayed to the operator.

Database Column	Details
EventSeverityID	Type: integer The severity of the Event. 1 = information, 2 = warning, 3 = error, 4 = critical.
EventMessageResource	Type: text (max 256 characters) A resource name used to look up a description for this Event
EventTypeStatusID	Type: integer. Key Foreign key to the EventTypeStatus table
ActivityTypeID	Type: integer. Key Foreign key to the ActivityType table

EventTypeStatus Table

The EventTypeStatus table stores progress stages for different processes.

Table 199: Database columns for EventTypeStatus table

Database Column	Details
EventTypeStatusID	Type: integer. Key. Generated ID Auto-generated status ID
EventTypeStatus ResourceName	Type: text (max 255 characters). Key Status name resource name
EventTypeStatusDefault Value	Type: text (max 255 characters). Nullable Default value for status

ILMTPVUCounts Table

This table allows the summarised PVU sub capacity numbers to be imported from ImportedILMTPVUCounts.”



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 200: Database columns for ILMTPVUCounts table

Database Column	Details
ILMTPVUCountsTableID	Type: integer. Key. Generated ID The ID of the ILMTPVUCounts Table

Database Column	Details
ComplianceComputerID	Type: integer. Key ID from the ComplianceComputer table.
TitleName	Type: text (max 512 characters). Key The name of the title these points apply to.
Publisher	Type: text (max 254 characters). Key The name of the publisher of the title these points apply to.
SubCapacityCores	Type: integer The number of sub-capacity licensable cores for the license on the computer.
FullCapacityCores	Type: integer The number of full-capacity licensable cores for the license on the computer.
SubCapacityPVU	Type: integer The number of sub-capacity PVU counts consumed for the license on the computer.
FullCapacityPVU	Type: integer The number of full-capacity PVU counts consumed for the license on the computer.
PeakSubCapacityPVU	Type: integer The peak number of sub-capacity PVU counts consumed for the license on the computer.
PeakFullCapacityPVU	Type: integer The peak number of full-capacity PVU counts consumed for the license on the computer.

ImportResolverErrorResult Table

The ImportResolverErrorResult table stores all resolver error message



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 201: Database columns for ImportResolverErrorResult table

Database Column	Details
ImportResolverErrorResultID	Type: integer. Key. Generated ID Auto-generated ID for ImportResolverErrorResult table

Database Column	Details
FileName	Type: text (max 255 characters) Name of the file
DateCreated	Type: datetime Date time where file was resolved.
ErrorMessage	Type: text. Nullable error message
ImportResolverTypeID	Type: integer. Key Foreign key to the ImportResolverType table

ImportResolverType Table

The ImportResolverType table stores all the resolver types.

Table 202: Database columns for ImportResolverType table

Database Column	Details
ImportResolverTypeID	Type: integer. Key. Generated ID Auto-generated ID for ImportResolverType table
ImportResolverTypeName	Type: text (max 255 characters). Key Name of the resolver
ImportResolverType Resource	Type: text (max 256 characters) A resource name used to look up a description for this resolver type

InstalledSoftwareAttribute Table

InstalledSoftwareAttribute stores the attribute values for each installation of an application. Reserved for future expansion.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 203: Database columns for InstalledSoftwareAttribute table

Database Column	Details
InstalledSoftwareID	<i>Type:</i> integer. Key The installation whose attribute value is being stored. Foreign key to the InstalledSoftware table.
AttributeID	<i>Type:</i> integer. Key The attribute whose value is being stored. Foreign key to the Attribute table.
Value	<i>Type:</i> text (max 400 characters) The value of this attribute of the installed application.

Instance Table

Instance stores information about database instances.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 204: Database columns for Instance table

Database Column	Details
InstanceID	<i>Type:</i> integer. Key. Generated ID A unique identifier for an instance.
ParentInstanceID	<i>Type:</i> integer. Key. Nullable The parent of the instance. Foreign key to another instance in the Instance table.
EnterpriseManager InstanceID	<i>Type:</i> integer. Key. Nullable The Oracle Enterprise Manager database that manages this Oracle instance. Foreign key to the Instance table.
InstalledSoftwareID	<i>Type:</i> integer. Key. Nullable The installation associated with the instance. Foreign key to the InstalledSoftware table.
InstanceTypeID	<i>Type:</i> integer The type of this database instance. Foreign key to the InstanceType table

Database Column	Details
ComplianceComputerID	<p><i>Type:</i> integer. Key</p> <p>The host server running this database instance. Foreign key to the ComplianceComputer table.</p>
SoftwareTitleID	<p><i>Type:</i> integer. Key</p> <p>The instance's application. Foreign key to the SoftwareTitle table</p>
InstanceName	<p><i>Type:</i> text (max 256 characters). Key. Nullable</p> <p>The name of the database instance.</p>
SerialNo	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The serial number of the database instance.</p>
InstallationPath	<p><i>Type:</i> text (max 512 characters). Nullable</p> <p>The installation path of the database instance.</p>
BusinessApplicationName	<p><i>Type:</i> text (max 512 characters). Nullable</p> <p>The business application that uses the database instance.</p>
IsLicensable	<p><i>Type:</i> boolean</p> <p>Set this to False if this instance does not require a license. The default is True, which means a license is required.</p>
IsLicensableForLicenseRec	<p><i>Type:</i> boolean</p> <p>Set this to True if this instance should be included in license reconciliation. False means that this instance will not be accounted for in license reconciliation.</p>
NeverDelete	<p><i>Type:</i> boolean</p> <p>When a computer does not return any inventory for a specified period of time, it may be deleted. Set this field to True to ensure that the instance record does not get deleted when there is no inventory.</p>
SoftwareLicenseID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The software license covering this instance. Foreign key to the SoftwareLicense table.</p>
UsedInInventory	<p><i>Type:</i> boolean</p> <p>If the inventory importer detects that this database instance instance is used, it will set this field to True.</p>
UsedOverride	<p><i>Type:</i> boolean. Nullable</p> <p>An operator may manually specify whether this database instance is to be considered used (set this field to True), or not (set this field to False). This overrides the importer result (UsedInInventory) described above.</p>

Database Column	Details
InventorySourceTypeID	<i>Type:</i> integer Whether this instance has ever been reported in inventory, or has been manually created and maintained. Foreign key to the ComplianceComputerInventorySourceType table.
AuditEvidence	<i>Type:</i> binary. Nullable Oracle LMS CVS files in zip archive.
AuditEvidenceDate	<i>Type:</i> datetime. Nullable Date and time the Oracle LMS audit evidence was collected by Flexera Inventory Manager
CreationUser	<i>Type:</i> text (max 256 characters) The operator who created the database instance record.
CreationDate	<i>Type:</i> datetime The date and time when this instance record was created.
UpdatedUser	<i>Type:</i> text (max 256 characters). Nullable The operator who most recently updated the database instance record.
UpdatedDate	<i>Type:</i> datetime The date and time when this instance record was last updated.

InstanceAttribute Table

InstanceAttribute stores the attribute values for each installed database instance.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 205: Database columns for InstanceAttribute table

Database Column	Details
InstanceID	<i>Type:</i> integer. Key The database instance whose attribute value is being stored. Foreign key to the Instance table.
AttributeID	<i>Type:</i> integer. Key The attribute whose value is being stored. Foreign key to the Attribute table.
Value	<i>Type:</i> text (max 400 characters) The value of this attribute of the database instance.

InstanceEnvironment Table

InstanceEnvironment is a static table listing the possible environments in which database instances may be deployed. For some vendors, the environment affects the costs of licensing the database instance.

Table 206: Database columns for InstanceEnvironment table

Database Column	Details
InstanceEnvironmentID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for an InstanceEnvironment. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = Development • 2 = Test • 3 = Staging • 4 = Production • 5 = Other.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an instance environment. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the environment resource string has no translation.</p>

InstancePropertyValue Table

For each instance, InstancePropertyValue stores the values for the custom properties defined in InstanceTypeProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 207: Database columns for InstancePropertyValue table

Database Column	Details
InstancePropertyValueID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a property value.</p>
InstanceID	<p>Type: integer. Key</p> <p>The instance associated with this property. Foreign key to the Instance table.</p>

Database Column	Details
InstanceTypePropertyID	<p>Type: integer. Key</p> <p>The property whose value is being stored. The type of the instance should match the type that the property is associated with. Foreign key to the InstanceTypeProperty table.</p>
PropertyValue	<p>Type: text (max 4000 characters)</p> <p>The value of the property.</p>
CreationUser	<p>Type: text (max 128 characters). Nullable</p> <p>The operator who created the record.</p>
CreationDate	<p>Type: datetime</p> <p>The date and time when the record was created.</p>
UpdatedUser	<p>Type: text (max 128 characters). Nullable</p> <p>The operator who last updated the record.</p>
UpdatedDate	<p>Type: datetime. Nullable</p> <p>The date and time when the record was last updated.</p>

InstanceRole Table

InstanceRole is a static table listing the possible roles of database instances. For some vendors, the role of the database instance affects the costs of licensing.

Table 208: Database columns for InstanceRole table

Database Column	Details
InstanceRoleID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for an InstanceRole. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = None • 2 = Backup • 3 = Failover • 4 = Mirroring • 5 = Standby • 6 = Other • 7 = Primary.

Database Column	Details
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing an instance role. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the role resource string has no translation.

InstanceTenancy Table

The InstanceTenancy table contains the Cloud Service providers tenancy for the instance.

Table 209: Database columns for InstanceTenancy table

Database Column	Details
InstanceTenancyID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each InstanceTenancy. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Default (the instance is running in a VPC) • 2 = Dedicated (the instance is running on a single-tenant hardware). • 3 = Host (the instance is running in a single host affinity mode).
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a virtual machine source type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the source type resource string has no translation.
ImporterString	<i>Type:</i> text (max 100 characters) This is the string which is coming from the data source.

InstanceType Table

InstanceType is a static table listing the possible types of database instance.

Table 210: Database columns for InstanceType table

Database Column	Details
InstanceTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for an InstanceType. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = General (for non-Oracle applications) • 2 = Oracle • 3 = Application (for instances created for non-Oracle applications manually flagged as Oracle). • 4 = Oracle EBS Server • 5 = Oracle EBS Module
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an instance type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the instance type resource string has no translation.</p>
XMLFile	<p><i>Type:</i> text. Nullable</p> <p>The layout of the property dialog for this type of instance, stored in XML format.</p>

InstanceTypeProperty Table

InstanceTypeProperty defines extra custom properties for instances of the specified type.

Table 211: Database columns for InstanceTypeProperty table

Database Column	Details
InstanceTypePropertyID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each property.</p>
PropertyName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The name of the property.</p>
InstanceTypeID	<p><i>Type:</i> integer. Key</p> <p>Foreign key to the InstanceType table.</p>
CustomPropertyDisplayXMLID	<p><i>Type:</i> integer. Nullable</p> <p>Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.</p>

InstanceUser Table

InstanceUser links end-users in LicenseUser with a particular instance of a database for license counting purposes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 212: Database columns for InstanceUser table

Database Column	Details
InstanceID	<p>Type: integer. Key</p> <p>The instance used by the end-user. Foreign key to a database instance in the Instance table.</p>
LicenseUserID	<p>Type: integer. Key</p> <p>The end-user using the instance. Foreign key to the account name in the LicenseUser table.</p>
Quantity	<p>Type: integer</p> <p>The number of actual end-users of the database instance logging in to the Oracle database through this account. For example, if there is one “Shop Floor” account for all fork lift drivers, this field stores the number of individual drivers that must be accounted for.</p>
AccountStatus	<p>Type: text (max 256 characters). Nullable</p> <p>The current status of the end-user account.</p>
CreationDate	<p>Type: datetime. Nullable</p> <p>Date and time when the end-user was created.</p>
LastLogonDate	<p>Type: datetime. Nullable</p> <p>Date and time when the end-user last logged on.</p>
DefaultTablespace	<p>Type: text (max 256 characters). Nullable</p> <p>The default tablespace for an Oracle user.</p>
TempTablespace	<p>Type: text (max 256 characters). Nullable</p> <p>The temporary tablespace for an Oracle user.</p>
IsManualUser	<p>Type: boolean</p> <p>Whether or not the user was created manually (or through Oracle).</p>

IntervalType Table

IntervalType stores the types of interval used by schedules and by terms and conditions.

Table 213: Database columns for IntervalType table

Database Column	Details
IntervalTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each IntervalType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Day • 2 = Week • 3 = Month.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an interval type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

LicenseUser Table

The LicenseUser table lists account names (for end-users and other resources) that have been extracted from other products (such as Oracle databases). These external accounts cannot be reconciled with the end-users listed in the ComplianceUser table. Nevertheless, these accounts can be very important for licensing costs.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 214: Database columns for LicenseUser table

Database Column	Details
LicenseUserID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for an external end-user.</p>
LicenseUserLogin	<p>Type: text (max 400 characters). Key</p> <p>The user login extracted from the original listing (for example, from an Oracle database).</p>

Database Column	Details
Description	Type: text (max 400 characters) The description is usually a group name.
EmployeeNumber	Type: text (max 256 characters). Nullable The employee number of the external end-user.
FirstName	Type: text (max 256 characters). Nullable The first name of the end-user extracted from the original listing.
LastName	Type: text (max 256 characters). Nullable The last name of the end-user extracted from the original listing.
Email	Type: text (max 400 characters). Nullable The email of the end-user extracted from the original listing.
SAPClientCode	Type: text (max 2 characters). Nullable The end-user's SAP client code, where applicable.
SAPInstallationNumber	Type: text (max 10 characters). Nullable The end-user's SAP installation number, where applicable.
CostCenter	Type: text (max 128 characters). Nullable The SAP cost center that the end-user belongs to
LicenseUserID	Type: integer The type of external end-user. Foreign key to the LicenseUserType table.

LicenseUserConnection Table

ComplianceUserConnection stores a link between external end-users in LicenseUser which have been reported in inventory, and external IDs which can be used to identify them in their inventory sources. End-users reported in multiple inventory sources will appear multiple times in this table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 215: Database columns for LicenseUserConnection table

Database Column	Details
LicenseUserID	Type: integer. Key A unique identifier for the external end-user. Foreign key to the LicenseUser table.

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The inventory source where the end-user was reported. Foreign key to the ComplianceConnection table.
ExternalID	Type: big integer. Key A (hopefully unique) identifier for the end-user in the external inventory source.

LicenseUserExcluded Table

Similarly to the `LicenseUser` table, `LicenseUserExcluded` lists account names extracted from other products (such as Oracle databases); but these accounts are to be excluded from license counts. The accounts are listed in full here since it is possible that they do not already appear in the `LicenseUser` table. Any that do appear in both tables, matched on the login names, are excluded from license counts.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 216: Database columns for `LicenseUserExcluded` table

Database Column	Details
LicenseUserExcludedID	Type: integer. Key. Generated ID A unique identifier for an excluded end-user.
LicenseUserLogin	Type: text (max 400 characters). Key The user login extracted from the original listing (for example, from an Oracle database). For the account to be excluded from license counts, this must exactly match a <code>LicenseUserLogin</code> from the <code>LicenseUser</code> table.
DefaultQuantity	Type: integer The number of actual users of the database instance logging in through this account. For example, a “SYSTEM” account may allow for a number of administrators to log in. In this table, the default quantity is zero. If this field is non-zero and the end-user matches a <code>LicenseUser</code> record, then in some cases, we may exclude this number of end-users from license counting, but include any further accounts covered by the <code>LicenseUser</code> record.

LicenseUserType Table

`LicenseUserType` is a static table listing possible types of external end-users (in the `LicenseUser` table).

Table 217: Database columns for LicenseUserType table

Database Column	Details
LicenseUserID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each LicenseUserType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Default • 2 = Developer.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an external end-user type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

LogFile Table

The LogFile table stores all the log file



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 218: Database columns for LogFile table

Database Column	Details
LogFileID	<p>Type: integer. Key. Generated ID</p> <p>Primary key of the table LogFile</p>
SessionUID	<p>Type: unique identifier. Key</p> <p>Identified of the file</p>
TaskStepID	<p>Type: integer. Key. Nullable</p> <p>Foreign key to the TaskStep table</p>
FileContent	<p>Type: image</p> <p>holds the log file content</p>
FileExtension	<p>Type: text (max 10 characters)</p> <p>Extension of the file</p>

MSEAARLSoftwareTitleEdition Table

MSEAARLSoftwareTitleEdition contains a list of available product editions for a Microsoft Enterprise Agreement.

Table 219: Database columns for MSEAARLSoftwareTitleEdition table

Database Column	Details
SoftwareRecognitionID	<i>Type:</i> text (max 32 characters). Key The factory unique ID (an MD5 digest) for the product edition in the Application Recognition Library.
IsPlatform	<i>Type:</i> boolean Whether this edition should be covered by the platform license.

MSSelectLevel Table

MSSelectLevel is a static table listing all Microsoft Select price levels.

Table 220: Database columns for MSSelectLevel table

Database Column	Details
MSSelectLevelID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each MSSelectLevel. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = A • 2 = B • 3 = C • 4 = D
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a price level. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 16 characters) The text to display if the price level resource string has no translation.
NumberOfPoints	<i>Type:</i> integer The number of points that must be purchased to achieve the price level.

MSSelectPool Table

MSSelectPool is a static table listing all Microsoft Select pools.

Table 221: Database columns for MSSelectPool table

Database Column	Details
MSSelectPoolID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each MSSelectPool. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Applications • 2 = Systems • 3 = Servers
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a pool. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 64 characters)</p> <p>The text to display if the pool resource string has no translation.</p>

MobileDevice Table

MobileDevice extends the ComplianceComputer table to store mobile device related property values.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 222: Database columns for MobileDevice table

Database Column	Details
MobileDeviceID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a MobileDevice Column use to specify clustered index.</p>
ComplianceComputerID	<p>Type: integer. Key</p> <p>A unique identifier for a MobileDevice. Foreign key to the ComplianceComputer table.</p>
IMEI	<p>Type: text (max 256 characters). Nullable</p> <p>IMEI value of the mobile device.</p>

Database Column	Details
PhoneNo	Type: text (max 128 characters). Nullable Phone number of the mobile device.
EmailAddress	Type: text (max 256 characters). Nullable The smtp email account associated to a mobile device when the device is connected to ActiveSync.

NotificationItem Table

NotificationItem lists notifications that were sent to end-users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 223: Database columns for NotificationItem table

Database Column	Details
NotificationItemID	Type: integer. Key. Generated ID A unique identifier for this notification.
NotificationTypeID	Type: integer. Key The type of notification to be sent. Foreign key to the NotificationType table.
NotificationDate	Type: datetime. Key The date the notification should be sent.
TaskID	Type: integer. Key. Nullable The task the notification is for, if any. Foreign key to the TermAndConditionTask table.
ContractID	Type: integer. Key. Nullable The contract the notification is for, if any. Foreign key to the Contract table.
ComplianceUserID	Type: integer. Key The end-user that is receiving the notification. Foreign key to the ComplianceUser table.
SentDate	Type: datetime. Key. Nullable The date the notification was actually sent.

NotificationTemplate Table

NotificationTemplate stores a list of email templates used to generate notification emails.

Table 224: Database columns for NotificationTemplate table

Database Column	Details
NotificationTemplateID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each NotificationTemplate. The default templates provided are:</p> <ul style="list-style-type: none"> • -1 = Contract expiry notification template • -2 = Contract renewal notification template • -3 = Task due notification template • -4 = Task reminder notification template • -5 = Task escalation notification template.
FileName	<p><i>Type:</i> text (max 255 characters). Key</p> <p>The template's file name.</p>
Content	<p><i>Type:</i> text. Nullable</p> <p>The template content.</p>

NotificationType Table

NotificationType stores a list of notification types that can be sent to end-users.

Table 225: Database columns for NotificationType table

Database Column	Details
NotificationTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each NotificationType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Contract Expiry (a notification sent to end-users responsible for a contract when it is due to expire) • 2 = Contract Renewal (a notification sent to end-users responsible for a contract when it is due for renewal) • 3 = Task Due (a notification sent to the end-user assigned to a task when it is due for completion) • 4 = Task Reminder (a notification sent to the end-user assigned to a task as a reminder that the task is nearing completion) • 5 = Task Escalation (a notification sent to the end-user assigned to receive escalations, typically when a task is not completed on time).
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a notification type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
NotificationTemplateID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The template to use when sending notifications of this type. Foreign key to the NotificationTemplate table.</p>

OperatorManageState Table

The OperatorManageState table lists the possible states for managing who has responsibility for maintaining certain business data. This is for internal use.

Table 226: Database columns for OperatorManageState table

Database Column	Details
OperatorManageStateID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for the operator management state of business data.</p>
Name	<p><i>Type:</i> text (max 64 characters). Key</p> <p>A unique name for the state</p>

Database Column	Details
DescriptionResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing the description of the state. Foreign key to the ComplianceResourceString table.</p>
DescriptionDefaultValue	<p>Type: text (max 256 characters)</p> <p>A string representing the default name of the state. Foreign key to the ComplianceResourceString table.</p>
IsLocked	<p>Type: boolean</p> <p>Is the data locked from edits by an operator.</p>
IsModified	<p>Type: boolean</p> <p>Is the data modified by an operator.</p>
IsFactory	<p>Type: boolean</p> <p>Is the data from the Reference ARL factory.</p>
AutoUpdate	<p>Type: boolean</p> <p>Is the data to be updated automatically.</p>
Priority	<p>Type: integer</p> <p>Is the data locked from edits by an operator.</p>

OperatorTaskTypeSetting Table

The OperatorTaskTypeSetting table stores data related to background task type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 227: Database columns for OperatorTaskTypeSetting table

Database Column	Details
OperatorTaskTypeSettingID	<p>Type: integer. Key. Generated ID</p> <p>Auto-generated operator task type setting ID</p>
ComplianceOperatorID	<p>Type: integer. Key</p> <p>Foreign key to the ComplianceOperator table</p>
ActivityTypeID	<p>Type: integer. Key</p> <p>Foreign key to the ActivityType table</p>

Database Column	Details
Enabled	Type: boolean Enabled flag for a setting

OracleInstance Table

OracleInstance stores key characteristics specific to instances of Oracle databases which may impact the cost of licensing.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 228: Database columns for OracleInstance table

Database Column	Details
InstanceID	Type: integer. Key The database instance whose attributes are being stored. Foreign key to the Instance table.
InstanceEnvironmentID	Type: integer The environment of the database instance. Foreign key to the InstanceEnvironment table.
InstanceRoleID	Type: integer The role of the database instance. Foreign key to the InstanceRole table.

PaymentSchedule Table

PaymentSchedule contains details of the payment schedules managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 229: Database columns for PaymentSchedule table

Database Column	Details
PaymentScheduleID	Type: integer. Key. Generated ID A unique identifier for a payment schedule.

Database Column	Details
ContractID	<p><i>Type:</i> integer. Key</p> <p>Identifies a contract to which this payment schedule applies. Foreign key to the Contract table.</p>
PaymentScheduleTypeID	<p><i>Type:</i> integer</p> <p>Identifies the type of this payment schedule. Foreign key to the PaymentScheduleType table.</p>
PaymentScheduleTermID	<p><i>Type:</i> integer</p> <p>Identifies the term of payment for this payment schedule. Foreign key to the PaymentScheduleTerm table.</p>
PaymentScheduleCategoryID	<p><i>Type:</i> integer</p> <p>Identifies the category of this payment schedule. Foreign key to the PaymentScheduleCategory table.</p>
Description	<p><i>Type:</i> text (max 100 characters)</p> <p>Name of this payment schedule.</p>
StartDate	<p><i>Type:</i> datetime</p> <p>The date on which this payment schedule starts.</p>
EndDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date on which this payment schedule ends.</p>
PeriodTypeID	<p><i>Type:</i> integer</p> <p>Identifies the period type of this payment schedule. Foreign key to the PeriodType table.</p>
IncludeNewAssetsAndLicenses	<p><i>Type:</i> boolean</p> <p>If this field is set to True, then when a new asset or license is linked to the contract associated with this payment schedule, the item will also be linked to this payment schedule. If False, new items linked to the related contract are not automatically linked to the payment schedule (although a manual link can still be made).</p>
LeaseTerminationDate	<p><i>Type:</i> datetime. Nullable</p> <p>The termination date of this payment schedule's lease. Only applicable if the payment schedule type is Lease.</p>
LeaseTerminationReason	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The reason this payment schedule's lease was terminated. Only applicable if the payment schedule type is Lease.</p>

Database Column	Details
LeaseNumber	<p><i>Type:</i> text (max 150 characters). Nullable</p> <p>The number of this payment schedule's lease. Only applicable if the payment schedule type is Lease.</p>
BuyoutCost	<p><i>Type:</i> currency. Nullable</p> <p>The buyout cost for this payment schedule's lease. Only applicable if the payment schedule type is Lease.</p>
BuyoutCostRateID	<p><i>Type:</i> integer. Nullable</p> <p>Identifies the currency rate to be applied to this payment schedule's lease buyout cost. Only applicable if the payment schedule type is Lease. Foreign key to the CurrencyRate table.</p>
PreviousPurchases	<p><i>Type:</i> integer. Nullable</p> <p>In the case of a Microsoft Enterprise Agreement renewal, the number of desktops covered by the associated platform license at the end of the previous Microsoft EA.</p>
Comment	<p><i>Type:</i> text. Nullable</p> <p>Operator's comments about this payment schedule.</p>
CreationUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator who created the record.</p>
CreationDate	<p><i>Type:</i> datetime</p> <p>The date the payment schedule was created.</p>
UpdatedUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator to make the last change to this record.</p>
UpdatedDate	<p><i>Type:</i> datetime</p> <p>The date the last change was made to this payment schedule record.</p>

PaymentScheduleCategory Table

PaymentScheduleCategory is a static table listing categories that can be assigned to a payment schedule.

Table 230: Database columns for PaymentScheduleCategory table

Database Column	Details
PaymentScheduleCategoryID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each PaymentScheduleCategory. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Fixed • 2 = License true up • 3 = Per hardware item • 4 = Per license quantity.
ResourceString	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a payment schedule category. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the category resource string has no translation.</p>

PaymentScheduleDetail Table

PaymentScheduleDetail lists all individual periods of a payment schedule.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 231: Database columns for PaymentScheduleDetail table

Database Column	Details
PaymentScheduleDetailID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>Uniquely identifies this payment schedule period.</p>
PaymentScheduleID	<p><i>Type:</i> integer. Key</p> <p>Identifies the payment schedule to which this period applies. Foreign key to the PaymentSchedule table.</p>
PeriodCovered	<p><i>Type:</i> text (max 50 characters)</p> <p>A string describing the period to which this payment schedule period is applicable. This is a calculated field.</p>
PeriodStartDate	<p><i>Type:</i> datetime. Key</p> <p>The date on which this payment schedule period starts.</p>

Database Column	Details
PeriodEndDate	<i>Type:</i> datetime The date on which this payment schedule period ends.
DueDate	<i>Type:</i> datetime. Key. Nullable The date on which this payment is due.
PaymentScheduleDetail PaymentStatusID	<i>Type:</i> integer. Key Identifies the state type of this payment schedule. The default value 2 corresponds to an Incomplete status. Foreign key to the PaymentScheduleDetailPaymentStatus table.
PaymentDate	<i>Type:</i> datetime. Nullable Records the date the payment was made.
ActualAmount	<i>Type:</i> currency. Nullable The actual amount paid in this payment schedule period.
ActualAmountRateID	<i>Type:</i> integer. Nullable Identifies the currency rate to be applied to the amount paid in this payment schedule period. Foreign key to the CurrencyRate table.
EstimatedAmount	<i>Type:</i> currency. Nullable The estimated amount for this payment schedule period.
EstimatedAmountRateID	<i>Type:</i> integer. Nullable Identifies the currency rate to be applied to the estimated amount for this payment schedule period. Foreign key to the CurrencyRate table.
BudgetedAmount	<i>Type:</i> currency. Nullable The budgeted amount for this payment schedule period.
BudgetedAmountRateID	<i>Type:</i> integer. Nullable Identifies the currency rate to be applied to the budgeted amount for this payment schedule period. Foreign key to the CurrencyRate table.
Obligated	<i>Type:</i> boolean If this field is set to True, the payee is obligated to pay during this payment schedule period. If this bit is False (the default), payment can presumably be deferred.
Quantity	<i>Type:</i> integer. Nullable The quantity for this payment schedule period.
UnitPrice	<i>Type:</i> currency. Nullable The unit price for this payment schedule period.

Database Column	Details
UnitPriceRateID	<i>Type:</i> integer. Nullable Identifies the currency rate to be applied to the unit price for this payment schedule period. Foreign key to the CurrencyRate table.
SoftwareAssuranceUnit Price	<i>Type:</i> currency. Nullable The unit price for support (Software Assurance) for this payment schedule period.
SoftwareAssuranceUnit PriceRateID	<i>Type:</i> integer. Nullable Identifies the currency rate to be applied to the unit price for support in this payment schedule period. Foreign key to the CurrencyRate table.
Notes	<i>Type:</i> text. Nullable The notes field.
PeriodCoveredResourceName	<i>Type:</i> text (max 256 characters). Nullable The resource name used to describe the period to which this payment schedule period is applicable.
PeriodCoveredResource Parameters	<i>Type:</i> text (max 256 characters). Nullable The parameters used by the resource name used to describe the period to which this payment schedule period is applicable.

PaymentScheduleDetailPaymentStatus Table

PaymentScheduleDetailPaymentStatus is a static table listing the possible status values for payment schedules.

Table 232: Database columns for PaymentScheduleDetailPaymentStatus table

Database Column	Details
PaymentScheduleDetail PaymentStatusID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each PaymentScheduleDetailPaymentStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Complete • 2 = Incomplete • 3 = Not going to pay.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a payment schedule status. Foreign key to the ComplianceResourceString table.

Database Column	Details
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the status resource string has no translation.

PaymentScheduleTerm Table

PaymentScheduleTerm is a static table listing possible payment schedule terms (the timing of payments in relation to each payment period).

Table 233: Database columns for PaymentScheduleTerm table

Database Column	Details
PaymentScheduleTermID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each PaymentScheduleTerm. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Pre-paid • 2 = At the end of each period • 3 = At the beginning of each period.
ResourceString	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a payment schedule term. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the term resource string has no translation.

PaymentScheduleType Table

PaymentScheduleType is a static table listing possible payment schedule types.

Table 234: Database columns for PaymentScheduleType table

Database Column	Details
PaymentScheduleTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each PaymentScheduleType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = General • 2 = Lease • 3 = Hardware maintenance and support • 4 = Software license • 5 = Software maintenance and support • 6 = Consulting services • 7 = Insurance • 8 = Rent • 9 = Subscription • 10 = EA professional platform • 11 = EA other application.
ResourceString	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a payment schedule type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
XMLFile	<p><i>Type:</i> text. Nullable</p> <p>The layout of the property dialog for this type of payment schedule, stored in XML format.</p>

Project Table

Details about each Project.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 235: Database columns for Project table

Database Column	Details
ProjectID	Type: integer. Key. Generated ID A unique identifier for the project.
ProjectName	Type: text (max 100 characters). Key The name of the project.
Comments	Type: text. Nullable Comments recorded about the project.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.

PurchaseOrder Table

The PurchaseOrder table contains a list of all the purchase orders in the system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 236: Database columns for PurchaseOrder table

Database Column	Details
PurchaseOrderID	Type: integer. Key. Generated ID A unique identifier for the purchase order.
PurchaseOrderNo	Type: text (max 50 characters). Key The purchase order number.
ShortDescription	Type: text (max 250 characters). Nullable A short description of the purchase order.

Database Column	Details
PurchaseOrderDate	<i>Type:</i> datetime The date recorded for the purchase order.
PurchaseOrderStatusID	<i>Type:</i> integer. Nullable The current state of the purchase order. Foreign key to the PurchaseOrderStatus table. The default value of 1 links to a “New” status.
PurchaseOrderTypeID	<i>Type:</i> integer. Nullable The type of the purchase order. Foreign key to the PurchaseOrderType table.
InvoiceNo	<i>Type:</i> text (max 50 characters). Nullable The invoice number that relates to the purchase order.
InvoiceDate	<i>Type:</i> datetime. Nullable The date on the invoice that relates to the purchase order.
TotalPrice	<i>Type:</i> currency. Nullable The total price of the purchase order.
TotalPriceRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to this purchase order. Foreign key to the CurrencyRate table.
ShippingAndHandling	<i>Type:</i> currency. Nullable The amount of money spent on shipping and handling.
ShippingAndHandlingRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the shipping and handling costs related to this purchase order. Foreign key to the CurrencyRate table.
SalesTax	<i>Type:</i> currency. Nullable The amount of sales tax paid as part of this purchase order.
SalesTaxRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the sales tax related to this purchase order. Foreign key to the CurrencyRate table.
AutoCalculateCostFromChildren	<i>Type:</i> boolean The default value of True indicates that the total price, shipping, and sales tax values should be calculated from the purchase order lines that are children of this purchase order. A value of False means that these values are manually inserted into this purchase order header.
ShippingMethodID	<i>Type:</i> integer. Nullable The type shipping used to deliver the product. Foreign key to the ShippingMethod table.

Database Column	Details
ShippingLocationID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The location to which the ordered material is shipped. Foreign key to the GroupEx table.</p>
ShippingDate	<p>Type: datetime. Nullable</p> <p>The date the ordered material was shipped.</p>
RequestNo	<p>Type: text (max 60 characters). Nullable</p> <p>The request number for the purchase order.</p>
RequestDate	<p>Type: datetime. Nullable</p> <p>The date the purchase order was requested.</p>
RequestedByID	<p>Type: integer. Key. Nullable</p> <p>The person who requested the purchase order. Foreign key to the ComplianceUser table.</p>
AuthorizedByID	<p>Type: integer. Key. Nullable</p> <p>The person who authorized the purchase order. Foreign key to the ComplianceUser table.</p>
ProcessedByID	<p>Type: integer. Key. Nullable</p> <p>The person who processed the purchase order. Foreign key to the ComplianceUser table.</p>
Comments	<p>Type: text. Nullable</p> <p>Comments recorded about the purchase order.</p>
VendorID	<p>Type: integer. Key. Nullable</p> <p>The vendor fulfilling this purchase order. Foreign key to the Vendor table.</p>
ContractID	<p>Type: integer. Key. Nullable</p> <p>Foreign key to the Contract table, identifying any existing contract related to this purchase order.</p>
LocationID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>Any enterprise location associated with this purchase order. Foreign key to the GroupEx table.</p>
BusinessUnitID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>Any corporate unit in the enterprise associated with this purchase order. Foreign key to the GroupEx table.</p>
CostCenterID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>Any cost center in the enterprise associated with this purchase order. Foreign key to the GroupEx table.</p>

Database Column	Details
CategoryID	<i>Type:</i> text (max 128 characters). Key. Nullable Any enterprise category associated with this purchase order. Foreign key to the GroupEx table.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

PurchaseOrderDetail Table

The `PurchaseOrderDetail` table contains a list of all the individual purchase order lines in the system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 237: Database columns for `PurchaseOrderDetail` table

Database Column	Details
PurchaseOrderDetailID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the purchase order line.
PurchaseOrderID	<i>Type:</i> integer. Key The parent purchase order to which this line belongs. Foreign key to the PurchaseOrder table.
PurchaseOrderDetail ParentID	<i>Type:</i> integer. Nullable When a purchase order line is nested as a child of another, this link identifies the parent. Foreign key to another purchase order line in this PurchaseOrderDetail table.
ItemDescription	<i>Type:</i> text (max 250 characters) A description of the item ordered in this PO line.
SequenceNumber	<i>Type:</i> integer. Key The sequence number of the PO line in the overall purchase order.

Database Column	Details
PartNo	<i>Type:</i> text (max 100 characters). Nullable Deprecated, use LicensePartNo.
Quantity	<i>Type:</i> integer. Nullable The quantity of items purchased in this PO line.
QuantityPerUnit	<i>Type:</i> integer. Nullable Where the purchase order refers to software licenses, this is the quantity of license included in per unit of this purchase order.
EffectiveQuantity	<i>Type:</i> integer. Nullable The license entitlements brought in by this purchase. If the total for this column would exceed the maximum allowable for int, then the total will be reduced to this number.
LicenseQuantity	<i>Type:</i> integer. Nullable Where the purchase order refers to software licenses, this is the number of license entitlements conferred by the item ordered in this line. This is distinct from the purchase quantity on the line item. For example, it would be possible to order “Qty 50 of XYZ license 10-pack”, which would mean a Quantity field of 50 and a LicenseQuantity of 500.
LicensePartNo	<i>Type:</i> text (max 100 characters). Key. Nullable The part number or SKU of the item ordered in this PO line.
UnitPrice	<i>Type:</i> currency. Nullable The unit price of items ordered on this PO line.
UnitPriceRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the above unit price. Foreign key to the CurrencyRate table.
SalesTax	<i>Type:</i> currency. Nullable The amount of sales tax paid on this PO line item. May be left null if sales tax is only entered on the purchase order header.
SalesTaxRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the above sales tax. Foreign key to the CurrencyRate table.
TotalPrice	<i>Type:</i> currency. Nullable The total price of items in this PO line.
TotalPriceRateID	<i>Type:</i> integer. Nullable The currency rate to be applied to the above total price. Foreign key to the CurrencyRate table.

Database Column	Details
AutoCalculateTotal	<p><i>Type:</i> boolean</p> <p>Set this field to True (the default) for the total price to be calculated automatically as (UnitPrice * Quantity) + ShippingAndHandling + SalesTax. If False, the operator must enter the total manually.</p>
ShippingAndHandling	<p><i>Type:</i> currency. Nullable</p> <p>The amount of money spent on shipping and handling.</p>
ShippingAndHandlingRateID	<p><i>Type:</i> integer. Nullable</p> <p>The currency rate to be applied to the above shipping and handling costs. Foreign key to the CurrencyRate table.</p>
InheritPOContractID	<p><i>Type:</i> boolean. Key</p> <p>A bit which, if set to 1 (the default), means that the following contract ID is inherited from the parent purchase order.</p>
ContractID	<p><i>Type:</i> integer. Key. Nullable</p> <p>A link to a contract related to this PO line. Foreign key to the Contract table.</p>
InheritPOShippingDetails	<p><i>Type:</i> boolean</p> <p>Set this field to True (the default) for the following shipping details to be inherited from the parent purchase order. If False, an operator has to complete the following details manually.</p>
ShippingDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the product was shipped.</p>
ShippingMethodID	<p><i>Type:</i> integer. Nullable</p> <p>The delivery method used to deliver the item ordered in this PO line. Foreign key to the ShippingMethod table.</p>
ShippingLocationID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>The location to which the item is shipped. Foreign key to the GroupEx table.</p>
MaintenanceOrService Agreement	<p><i>Type:</i> boolean</p> <p>Set this field to True when this PO line includes maintenance or another type of service agreement. If False (the default), there is no maintenance or other service agreement associated with this PO line.</p>
EffectiveDate	<p><i>Type:</i> datetime. Nullable</p> <p>The effective date for the Purchase Order Line.</p>
ExpiryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The expiry date for the Purchase Order Line.</p>

Database Column	Details
InheritPOEnterpriseGroups	<p><i>Type:</i> boolean</p> <p>Set this field to <code>True</code> (the default) for the following enterprise groups to be inherited from the parent purchase order. If <code>False</code>, an operator has to complete the following details manually.</p>
LocationID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise location associated with this PO line. Foreign key to the GroupEx table.</p>
BusinessUnitID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any corporate unit within the enterprise associated with this PO line. Foreign key to the GroupEx table.</p>
CostCenterID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise cost center associated with this PO line. Foreign key to the GroupEx table.</p>
CategoryID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any category used within the enterprise associated with this PO line. Foreign key to the GroupEx table.</p>
InheritPOProcessDetails	<p><i>Type:</i> boolean</p> <p>Set this field to <code>True</code> (the default) for the following process details to be inherited from the parent purchase order. If <code>False</code>, an operator has to complete the following details manually.</p>
RequestNo	<p><i>Type:</i> text (max 60 characters). Nullable</p> <p>The request number for the PO line.</p>
RequestDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the related product was requested.</p>
RequestedByID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The person who requested the purchase order line. Foreign key to the ComplianceUser table.</p>
AuthorizedByID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The person who authorized the purchase order line. Foreign key to the ComplianceUser table.</p>
ProcessedByID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The person who processed the purchase order line. Foreign key to the ComplianceUser table.</p>
Comments	<p><i>Type:</i> text. Nullable</p> <p>Comments recorded about the purchase order line.</p>

Database Column	Details
InheritPOInvoiceDetails	<p><i>Type:</i> boolean</p> <p>Set this field to True (the default) for the following invoicing details to be inherited from the parent purchase order. If False, an operator has to complete the following details manually.</p>
InvoiceNo	<p><i>Type:</i> text (max 50 characters). Nullable</p> <p>The invoice number relating to this PO line.</p>
InvoiceDate	<p><i>Type:</i> datetime. Nullable</p> <p>The invoice date for the purchase order line.</p>
OrderedProduct	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>A description of the item ordered in this PO line.</p>
CreationUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator who created the record.</p>
CreationDate	<p><i>Type:</i> datetime</p> <p>The date the record was created.</p>
UpdatedUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operator who last updated the record.</p>
UpdatedDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the record was last updated.</p>
ExternalID	<p><i>Type:</i> text (max 32 characters). Nullable</p> <p>A text field where an operator may record the ID of the PO line in any external system it was imported from.</p>
PurchaseOrderDetailTypeID	<p><i>Type:</i> integer. Key</p> <p>The type of the PO line. Foreign key to the PurchaseOrderDetailType table.</p>
MSSelectPoolID	<p><i>Type:</i> integer. Nullable</p> <p>Identifies the Microsoft Select pool. Foreign key to the MSSelectPool table.</p>
MSSelectPoints	<p><i>Type:</i> decimal. Nullable</p> <p>The number of points consumed by this purchase.</p>
AutoAcceptRecommendation	<p><i>Type:</i> boolean</p> <p>Set this field to True to automatically accept recommendation calculated for this purchase order line in Link Licenses node.</p>
SoftwareSkuID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The SKU that was recognized. This value is optional. Foreign key to the SoftwareSku table.</p>

Database Column	Details
PurchaseOrderDetail StatusID	<i>Type:</i> integer The current state of the purchase order details. Foreign key to the PurchaseOrderDetailStatus table. The default value of 1 links to a “New” status.
PublisherID	<i>Type:</i> integer. Nullable The publisher of this line item. This value is optional. Foreign key to the Vendor table.

PurchaseOrderDetailProperty Table

PurchaseOrderDetailProperty defines extra custom properties for all purchase order lines.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 238: Database columns for PurchaseOrderDetailProperty table

Database Column	Details
PurchaseOrderDetail PropertyID	<i>Type:</i> integer. Key. Generated ID Unique identifier for a purchase order line property.
PropertyName	<i>Type:</i> text (max 256 characters). Key The name of the custom property. Foreign key to the ComplianceResourceString table.
CustomPropertyDisplayX MLID	<i>Type:</i> integer. Nullable Reference to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

PurchaseOrderDetailPropertyValue Table

For each purchase order line, PurchaseOrderDetailPropertyValue stores the values for the custom properties defined in PurchaseOrderDetailProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 239: Database columns for PurchaseOrderDetailPropertyValue table

Database Column	Details
PurchaseOrderDetail PropertyValueID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a property value.
PurchaseOrderDetailID	<i>Type:</i> integer. Key The purchase order line associated with the property. Foreign key to the PurchaseOrderDetail table
PurchaseOrderDetail PropertyID	<i>Type:</i> integer. Key the property whose value is being stored. Foreign key to the PurchaseOrderDetailProperty table
PropertyValue	<i>Type:</i> text (max 4000 characters) The property value.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

PurchaseOrderDetailStatus Table

PurchaseOrderDetailStatus is a static table listing the possible states for purchase order details, broadly tracking the associated business processes.

Table 240: Database columns for PurchaseOrderDetailStatus table

Database Column	Details
PurchaseOrderDetailStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each PurchaseOrderDetailStatus Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = New • 2 = Pending • 3 = Completed • 4 = Cancelled
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a purchase order status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

PurchaseOrderDetailType Table

PurchaseOrderDetailType is a static table listing the possible types of purchase order line item.

Table 241: Database columns for PurchaseOrderDetailType table

Database Column	Details
PurchaseOrderDetailTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each PurchaseOrderDetailType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Not set • 2 = Software • 3 = Hardware • 4 = Service • 5 = Other • 6 = Software upgrade • 7 = Software maintenance • 8 = Disk kit • 9 = Hardware maintenance • 10 = Software Baseline • 11 = Software subscription.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a purchase order line item type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

PurchaseOrderProperty Table

PurchaseOrderProperty defines extra custom properties for all purchase orders.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 242: Database columns for PurchaseOrderProperty table

Database Column	Details
PurchaseOrderPropertyID	Type: integer. Key. Generated ID Unique identifier for a purchase order property.
PropertyName	Type: text (max 256 characters). Key The name of the property.
CustomPropertyDisplayXMLID	Type: integer. Nullable Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

PurchaseOrderPropertyValue Table

For each purchase order, PurchaseOrderPropertyValue stores the values for the custom properties defined in PurchaseOrderProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 243: Database columns for PurchaseOrderPropertyValue table

Database Column	Details
PurchaseOrderProperty ValueID	Type: integer. Key. Generated ID A unique identifier for a property value.
PurchaseOrderID	Type: integer. Key The purchase order associated with this property. Foreign key to the PurchaseOrder table.
PurchaseOrderPropertyID	Type: integer. Key The property whose value is being stored. Foreign key to the PurchaseOrderProperty table.
PropertyValue	Type: text (max 4000 characters) The property value.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.

Database Column	Details
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

PurchaseOrderStatus Table

PurchaseOrderStatus is a static table listing the possible states for purchase orders, broadly tracking the associated business processes.

Table 244: Database columns for PurchaseOrderStatus table

Database Column	Details
PurchaseOrderStatusID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each PurchaseOrderStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = New • 2 = Completed • 3 = Cancelled • 4 = Sent to approver • 5 = Sent to vendor • 6 = Item received.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a purchase order status. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the status resource string has no translation.

PurchaseOrderType Table

PurchaseOrderType is a static table listing the possible types of purchase order. Reserved for future expansion.

Table 245: Database columns for PurchaseOrderType table

Database Column	Details
PurchaseOrderTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each PurchaseOrderType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none">• 1 = None.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a purchase order type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

PurchaseProgram Table

PurchaseProgram is a static table listing all known contract purchase programs.

Table 246: Database columns for PurchaseProgram table

Database Column	Details
PurchaseProgramID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each PurchaseProgram. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Microsoft Select Agreement • 2 = Microsoft Enterprise Agreement • 3 = Microsoft Open Agreement • 4 = Adobe Cumulative Licensing Program • 5 = Adobe Transactional Licensing Program • 6 = Adobe Site License Program • 7 = Acronis Licensing Program • 8 = Attachmate Volume Purchase Account • 9 = Business Objects Open Licensing Program • 10 = CA Master License Program • 11 = CA Open License Program • 12 = Citrix Easy Licensing Program • 13 = Citrix Enterprise License Program • 14 = Citrix Open Licensing Program • 15 = Citrix Premium Licensing Program • 16 = Corel Contractual License • 17 = Corel Transactional Licensing • 18 = IBM Passport Advantage • 19 = McAfee TSP Licensing Program • 20 = Novell Corporate License Agreement • 21 = Novell Master License Agreement • 22 = Novell Volume License Agreement • 23 = Symantec Elite • 24 = Symantec Express • 25 = Symantec Open Licensing Program • 26 = Symantec Rewards

Database Column	Details
	<ul style="list-style-type: none"> • 27 = Symantec Volume Licensing Program • 28 = Vmware Purchasing Program • 29 = Macromedia Volume License Program • 30 = Symantec Enterprise Option • 31 = Symantec Enterprise VPA. • 32 = Oracle Master Agreement • 33 = Oracle Unlimited Agreement • 34 = Oracle License and Services Agreement • 35 = Adobe Enterprise Term Licensing Agreement • 36 = Microsoft Products and Services Agreement • 37 = IBM Passport Advantage Express • 38 = IBM Enterprise License Agreement • 39 = IBM Enterprise Software and Services Option
Name	<i>Type:</i> text (max 100 characters). Key The display name of the purchase program.
PublisherName	<i>Type:</i> text (max 64 characters). Key The name of publisher under which this purchase program applies.
Code	<i>Type:</i> text (max 16 characters). Key A short code used to represent this purchase program.

QuerySnapshot Table

QuerySnapshot holds the snapshot of data for a report



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 247: Database columns for QuerySnapshot table

Database Column	Details
QuerySnapshotID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a query snapshot.

Database Column	Details
QueryContext	Type: text (max 200 characters). Key The query context to partition different queries.
ComplianceSavedSearchID	Type: integer. Key. Nullable The query definition this snapshot is for. Foreign key to the ComplianceSavedSearch table.
ComplianceOperatorID	Type: integer. Key The operator who ran the report. Foreign key to the ComplianceOperator table.
SnapshotName	Type: text (max 200 characters) Name of snapshot.
SnapshotSchema	Type: XML Schema of snapshot.
SnapshotDate	Type: datetime Date and time of snapshot (UTC)
SnapshotBuildTime	Type: big integer Number of milliseconds taken to build the snapshot.
SnapshotRows	Type: big integer Number of rows in the snapshot.

RelationType Table

RelationType is a static table containing types of relationship between objects

Table 248: Database columns for RelationType table

Database Column	Details
RelationTypeID	Type: integer. Key. Generated ID A unique identifier for each RelationType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = VMware ESX host managed by vCenter
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a relation type. Foreign key to the ComplianceResourceString table.

Database Column	Details
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the type resource string has no translation.
ImporterString	<i>Type:</i> text (max 100 characters). Key The text value provided by adapters when importing relation type.

ResponsibilityType Table

ResponsibilityType is a static table listing possible end-user responsibilities.

Table 249: Database columns for ResponsibilityType table

Database Column	Details
ResponsibilityTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for an end-user's title or responsibility. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Blank • 2 = Owner • 3 = Signatory • 4 = Contract Manager • 5 = Point of Contact • 6 = Negotiator • 7 = Interested Party.
ResourceString	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a user responsibility. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the responsibility resource string has no translation.

RestrictedAccessType Table

RestrictedAccessType is a static table holding access types

Table 250: Database columns for RestrictedAccessType table

Database Column	Details
RestrictedAccessTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a type of access. Values are:</p> <ul style="list-style-type: none"> • 1 = All users • 2 = Accessible only to creator
RestrictedAccessTypeName	<p>Type: text (max 512 characters). Key</p> <p>Access type name.</p>

RulesEngineRuleDefinition Table

This table stores rule definitions used for consolidating users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 251: Database columns for RulesEngineRuleDefinition table

Database Column	Details
RuleDefinitionID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the rule definition.</p>
RuleDefinitionName	<p>Type: text (max 128 characters)</p> <p>Name of the rule.</p>
RuleTypeID	<p>Type: integer</p> <p>Foreign key to the rule type.</p>
RuleDefinition	<p>Type: text</p> <p>The rule definition XML used to build the rule statement used by the rules engine.</p>
IsActive	<p>Type: boolean</p> <p>Whether or not this rule is active for execution.</p>
CreationUser	<p>Type: text (max 256 characters)</p> <p>The user who created the system landscape.</p>
CreationDate	<p>Type: datetime</p> <p>The data and time the system landscape was created.</p>

Database Column	Details
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

RulesEngineRuleType Table

This table stores the available rule types used for rulesengine.

Table 252: Database columns for RulesEngineRuleType table

Database Column	Details
RuleTypeID	Type: integer. Key. Generated ID A unique identifier for the rule type.
TypeName	Type: text (max 100 characters). Key A unique name for the rule type.
TitleResourceName	Type: text (max 256 characters). Nullable A localizable resource string representing a rule type. Foreign key to the ComplianceResourceString table.
TitleDefaultValue	Type: text (max 100 characters) The text to display if the rule type resource string has no translation.
RuleTemplate	Type: text The template used to build a rule for the rules engine.
DefaultRuleDefinition	Type: text. Nullable Default rule definition for newly created rule

SAMLConfiguration Table

The SAMLConfiguration table holds all the saml configurations for the tenants.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 253: Database columns for SAMLConfiguration table

Database Column	Details
SAMLConfigurationID	<i>Type:</i> integer. Key. Generated ID Unique identifier of saml configuration, this is a primary key.
State	<i>Type:</i> text (max 20 characters) Indicates the state of SAML configuration for the tenant.
MetadataFileName	<i>Type:</i> text (max 256 characters). Nullable File name of the SAML configuration metadata File.
MetadataContent	<i>Type:</i> text. Nullable Content from SAML configuration metadata File.
MetadataURL	<i>Type:</i> text. Nullable URL to download SAML configuration.
EntityID	<i>Type:</i> text (max 200 characters). Nullable An entity ID is a globally unique name for a SAML entity.
Created	<i>Type:</i> datetime The date the record was created.
Updated	<i>Type:</i> datetime. Nullable The date the record was last updated.

SecurityType Table

SecurityType lists the types of security model that can be used to determine access to a contract or document.

Table 254: Database columns for SecurityType table

Database Column	Details
SecurityTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SecurityType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = Public (security is controlled by the operator's roles) 2 = Restricted (security is controlled by an access control list of account names).
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a security type. Foreign key to the ComplianceResourceString table.

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

SerialNumberBlackList Table

SerialNumberBlackList stores a blacklist of invalid serial numbers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 255: Database columns for SerialNumberBlackList table

Database Column	Details
SerialNumberBlackListID	Type: integer. Key. Generated ID The unique identifier for a blacklisted serial number.
SerialNo	Type: text (max 100 characters). Key The blacklisted serial number.

SessionUIDBeacon Table

The SessionUIDBeacon table stores the task's SessionUID and the beacon where the task is running .



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 256: Database columns for SessionUIDBeacon table

Database Column	Details
SessionUID	Type: unique identifier. Key Unique task run identifier
BeaconID	Type: integer. Key Beacon where the task's session ran

ShippingMethod Table

ShippingMethod is a static table listing possible delivery methods. Reserved for future expansion.

Table 257: Database columns for ShippingMethod table

Database Column	Details
ShippingMethodID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each ShippingMethod. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> 1 = None.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a shipping method. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the shipping method resource string has no translation.</p>

SoftwareLicenseContractPaymentSchedule Table

SoftwareLicenseContractPaymentSchedule links a payment schedule to a software license, via a link from that software license to a contract.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 258: Database columns for SoftwareLicenseContractPaymentSchedule table

Database Column	Details
SoftwareLicenseContractID	<p>Type: integer. Key</p> <p>Identifies a link between a software license and a contract. Foreign key to the SoftwareLicenseContract table.</p>
PaymentScheduleID	<p>Type: integer. Key</p> <p>Identifies a payment schedule. Foreign key to the PaymentSchedule table.</p>

SystemShutdown Table

A row in this table indicates that the system is being taken down, and is used to show a warning to users.

Table 259: Database columns for SystemShutdown table

Database Column	Details
SystemShutdownID	Type: integer. Key. Generated ID Synthetic key for this table.
MessageResourceName	Type: text (max 256 characters). Nullable A resource name used to look up a message to show to the operator
StartTime	Type: datetime The time the shutdown is scheduled to begin
EndTime	Type: datetime The estimated time that the shutdown will end

TaskExecutionStatus Table

The TaskExecutionStatus table stores progress data for rules and background tasks.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 260: Database columns for TaskExecutionStatus table

Database Column	Details
TaskExecutionStatusID	Type: integer. Key. Generated ID Auto-generated task execution status ID
SessionUID	Type: unique identifier. Key Unique task run identifier
TaskName	Type: text (max 255 characters). Key The name of task.
ActivityTypeID	Type: integer. Key Foreign key to the ActivityType table
DateStarted	Type: datetime. Nullable Start date and time for a task.
DateCompleted	Type: datetime. Nullable Completion date and time for a task.

Database Column	Details
EventTypeStatusID	Type: integer. Key Foreign key to the EventTypeStatus table
BeaconRuleID	Type: integer. Key. Nullable Foreign key to the BeaconRule table
ScheduledTriggerDateTick	Type: big integer. Key. Nullable Executed date time in Tick.
BeaconID	Type: integer. Key. Nullable Beacon where the task is executing.
BeaconPolicyRevision Number	Type: integer. Nullable Beacon policy revision number
OperatorLogin	Type: text (max 255 characters). Nullable Login of the operator who started task.

TaskExecutionStatusStep Table

The TaskExecutionStatusStep table stores progress data for rule or background task steps.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 261: Database columns for TaskExecutionStatusStep table

Database Column	Details
TaskExecutionStatusStepID	Type: integer. Key. Generated ID Auto-generated task step execution status ID
TaskExecutionStatusID	Type: integer. Key Foreign key to TaskExecutionStatus table.
TaskStepID	Type: integer. Key The ID of task step.
BeaconRuleAction PropertyID	Type: integer. Key. Nullable The ID of rule action subtask.
DateStarted	Type: datetime. Nullable Start date and time for a step.

Database Column	Details
DateCompleted	<i>Type:</i> datetime. Nullable Completion date and time for a step.
EventTypeStatusID	<i>Type:</i> integer. Key Foreign key to the EventTypeStatus table
BeaconUID	<i>Type:</i> unique identifier. Key. Nullable Beacon ID.
EventTypeID	<i>Type:</i> integer. Key. Nullable Foreign key to the EventType table
EventID	<i>Type:</i> integer. Key. Nullable Foreign key to the Event table
Location	<i>Type:</i> text (max 255 characters). Nullable Server name where operation was performed.
TaskParameters	<i>Type:</i> XML. Nullable parameters for the task step.

TaskStep Table

The TaskStep table stores task steps.

Table 262: Database columns for TaskStep table

Database Column	Details
TaskStepID	<i>Type:</i> integer. Key. Generated ID Auto-generated task step ID
ActivityTypeID	<i>Type:</i> integer. Key Foreign key to the ActivityType table
TaskStepResourceName	<i>Type:</i> text (max 255 characters). Key Task step name resource name
TaskStepDefaultValue	<i>Type:</i> text (max 255 characters) Task step name default value
TaskStepOrder	<i>Type:</i> integer Task step order index

TaskStepEventType Table

The TaskStepEventType table stores eventType related to the taskStep.

Table 263: Database columns for TaskStepEventType table

Database Column	Details
TaskStepID	Type: integer. Key Foreign key to the TaskStep table
EventTypeID	Type: integer. Key Foreign key to the EventType table

TermAndCondition Table

TermAndCondition stores a list of terms and conditions related to a contract.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 264: Database columns for TermAndCondition table

Database Column	Details
TermAndConditionID	Type: integer. Key. Generated ID A unique identifier for the term/condition.
TermAndConditionTypeID	Type: integer. Key The type of term/condition. Foreign key to TermAndConditionType table.
Description	Type: text (max 100 characters). Key A description assigned by the operator.
DocReference	Type: text (max 100 characters). Nullable A text reference to a document for this term/condition.
Comments	Type: text. Nullable Comments about this term/condition.
BeginDate	Type: datetime. Nullable The start date for this term or condition.
EndDate	Type: datetime. Nullable The end date for this term or condition.

Database Column	Details
ContractID	Type: integer. Key The contract to which this term/condition applies. Foreign key to the Contract table.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the term/condition was created.
UpdatedUser	Type: text (max 128 characters). Nullable The name of the operator who last updated the term/condition.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.
EmailComplianceUserID	Type: integer. Key. Nullable A user who may be emailed according to conditions on this term/condition. Foreign key to the ComplianceUser table.
EmailIntervalTypeID	Type: integer. Key. Nullable The interval type for EmailInterval. Foreign key to the IntervalType table.
EmailInterval	Type: integer. Nullable The interval used when sending emails.
ReminderIntervalTypeID	Type: integer. Key. Nullable The interval type for ReminderInterval. Foreign key to the IntervalType table.
ReminderInterval	Type: integer. Nullable The interval used when sending reminders.
EscalationCompliance UserID	Type: integer. Key. Nullable A user who may be emailed if the term/condition needs to be escalated. Foreign key to the ComplianceUser table.
EscalationIntervalTypeID	Type: integer. Key. Nullable The interval type for EscalationInterval. Foreign key to the IntervalType table.
EscalationInterval	Type: integer. Nullable The interval used when sending escalation messages.
Auditable	Type: boolean Boolean to indicate whether the term/condition is auditable.

TermAndConditionTask Table

TermAndConditionTask holds extra information about a task.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 265: Database columns for TermAndConditionTask table

Database Column	Details
ComplianceTaskID	Type: integer. Key The task this extra information applies to. Foreign key to the ComplianceTask table.
Completed	Type: boolean Set this field to True if this task has been completed.
CompletionDate	Type: datetime. Nullable The date of completion of the task.
ComplianceUserID	Type: integer. Key. Nullable The end-user this task is assigned to. Foreign key to the ComplianceUser table.
Notes	Type: text. Nullable Notes or comments related to the task.

TermAndConditionType Table

TermAndConditionType stores a list of types of different terms/conditions that may be associated with contracts.

Table 266: Database columns for TermAndConditionType table

Database Column	Details
TermAndConditionTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each TermAndConditionType. The default values and corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Acceptance Period • 2 = Price Change • 3 = Cancellation • 4 = Renewal • 5 = Expiry • 6 = Review • 7 = Limitation.
TermAndConditionType ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a term/condition type. Foreign key to the ComplianceResourceString table.</p>
TermAndConditionType DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
ManageSoftType	<p><i>Type:</i> boolean</p> <p>If set to <code>True</code>, this field indicates that this term and condition type was created by FlexNet Manager Suite and should not be deleted or edited. If <code>False</code>, the type has been created by an operator, and may be modified.</p>

UserNameBlacklist Table

UserNameBlacklist stores a list of excluded accounts that will not be imported into FlexNet Manager Suite. If an end-user with account name matching a record in UserNameBlacklist already exists in FlexNet Manager Suite, that end-user will not be included in compliance calculations and will not appear in many of the end-user lists.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `Tenant.ID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 267: Database columns for `UserNameBlacklist` table

Database Column	Details
<code>UserNameBlacklistID</code>	<i>Type:</i> integer. Key. Generated ID A unique identifier for the blacklisted account.
<code>UserName</code>	<i>Type:</i> text (max 64 characters). Key A blacklisted account name. May contain wildcards (% , _). End-users whose domain\SAM account name match this value will be excluded from compliance calculations.

VMEnabledState Table

`VMEnabledState` is a static table listing the possible operational states of a virtual machine.

Table 268: Database columns for `VMEnabledState` table

Database Column	Details
<code>VMEnabledStateID</code>	<i>Type:</i> integer. Key. Generated ID A unique identifier for each <code>VMEnabledState</code> . Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Started • 2 = Stopped • 3 = Suspended • 4 = Unknown • 5 = Terminated.
<code>ResourceName</code>	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a virtual machine operational state. Foreign key to the <code>ComplianceResourceString</code> table.
<code>DefaultValue</code>	<i>Type:</i> text (max 100 characters) The text to display if the operational state resource string has no translation.
<code>ImporterString</code>	<i>Type:</i> text (max 100 characters). Nullable This is the string which is coming from the data source.

VMHostDatastore Table

`VMHostDatastore` stores host and datastore relationship.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 269: Database columns for VMHostDatastore table

Database Column	Details
HostComplianceComputerID	Type: integer. Key Host computer which has the datastore. Foreign key to the ComplianceComputer table.
Datastore	Type: text (max 64 characters). Key. Nullable The datastore available on the VM host.

VMHostManagedBySoftware Table

VMHostManagedBySoftware stores relationships between management software and VM hosts it manages. The RelationTypeID specifies the context of these relationships



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 270: Database columns for VMHostManagedBySoftware table

Database Column	Details
VMHostManagedBySoftwareID	Type: integer. Key. Generated ID The primary key of VMHostManagedBySoftware.
InstalledSoftwareID	Type: integer. Key A unique identifier of an InstalledSoftware.
RelationTypeID	Type: integer. Key The type of relationship between management software and the VM hosts. Foreign key to the RelationType table.
ComplianceComputerID	Type: integer. Key A unique identifier of a ComplianceComputer.

VMHostProperty Table

VMHostProperty stores properties of VM host.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 271: Database columns for VMHostProperty table

Database Column	Details
HostComplianceComputerID	Type: integer. Key Host computer which has the datastore. Foreign key to the ComplianceComputer table.
VMTypeID	Type: integer. Nullable The VMHost technology type. Foreign key to the VMType table.
HypervisorVersion	Type: text (max 32 characters). Nullable The hypervisor version of the VM host.
HyperThreadingEnabled	Type: boolean. Nullable Set this to True if this VM host has hyper threading enabled.
PowerState	Type: text (max 32 characters). Nullable The power state of the VM host.
ManagingSoftwareVersion	Type: text (max 32 characters). Nullable The version of the managing software for the VM host.
ConnectionState	Type: text (max 32 characters). Nullable The connection state of the VM host to the managing software environment.
CloudServiceInstanceTypeID	Type: integer. Nullable Cloud instance type defined by provider. Foreign key to the CloudServiceInstanceType table
CloudServiceRegionID	Type: integer. Nullable Region of the instance. Foreign key to the CloudServiceRegion table.
AvailabilityZoneID	Type: integer. Nullable Location of the instance. Foreign key to the AvailabilityZone table
AllocationTime	Type: datetime. Nullable The time that the Dedicated Host was allocated.
ReleaseTime	Type: datetime. Nullable The time that the Dedicated Host was released.
Autoplacement	Type: boolean. Nullable Whether auto-placement is on or off.

VMPool Table

VMPool contains information about virtual machine pools (logical groups of VMs or partitions).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 272: Database columns for VMPool table

Database Column	Details
VMPoolID	Type: integer. Key. Generated ID A unique identifier for a virtual machine pool.
PoolName	Type: text (max 100 characters). Key The name of the pool.
PoolFriendlyName	Type: text (max 256 characters) The friendly name of the pool.
Path	Type: text (max 1000 characters) The full path of the pool (including parent pool names).
VCObjectID	Type: text (max 256 characters). Nullable The ID of the virtual machine folder (pool) in Virtual Center.
NextChild	Type: integer One more than the number of children this pool has.
PoolPathID	Type: text (max 128 characters) A numerical representation of the path of this pool, constructed from VMPoolID values (something like: "1.2.").
HostComplianceComputerID	Type: integer. Key. Nullable A link to the host computer that this pool exists on. This is a foreign key to the ComplianceComputer table.
VMPoolTypeID	Type: integer. Key The type of pool. Foreign key to the VMPoolType table.
VirtualMachineID	Type: integer. Nullable If this pool is a virtual machine or partition itself, this is a link to that virtual machine or partition. Foreign key to the VirtualMachine table.
NumberOfProcessors	Type: decimal. Nullable The number of processors in this pool.

Database Column	Details
NumberOfLogicalProcessors	<i>Type:</i> integer. Nullable The active number of threads in this pool.
NumberOfCores	<i>Type:</i> decimal. Nullable The number of cores in this pool.
MaxNumberOfLogicalProcessors	<i>Type:</i> integer. Nullable The maximum number of threads assigned for this pool of type processor set.

VMPoolType Table

VMPoolType is a static table listing the possible types of a virtual machine pool.

Table 273: Database columns for VMPoolType table

Database Column	Details
VMPoolTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a VMPoolType. Possible values and the corresponding default names are: <ul style="list-style-type: none"> • 1 = Folder • 2 = Data Center • 3 = Compute Resource • 4 = Host System • 5 = Resource Pool • 6 = Virtual Machine • 7 = Physical Shared Pool • 8 = Virtual Shared Pool • 9 = LPAR • 10 = RSET • 11 = Cluster Compute Resource. • 12 = PSET
VCTypeID	<i>Type:</i> text (max 32 characters) The type of the virtual machine folder in Virtual Center.

Database Column	Details
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a pool type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the pool type resource string has no translation.

VMSourceType Table

VMSourceType is a static table used to define possible virtual machine inventory source values (that is, whether the properties were created manually or reported by the compliance importer).

Table 274: Database columns for VMSourceType table

Database Column	Details
VMSourceTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each VMSourceType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Manual (the virtual machine properties were manually created and have not been updated by the compliance importer) • 2 = VM Host (the virtual machine's host recently reported inventory and updated these virtual machine properties).
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a virtual machine source type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the source type resource string has no translation.

VMState Table

VMState is a static table listing the possible relationships between a virtual machine and a physical (inventoried) computer.

Table 275: Database columns for VMState table

Database Column	Details
VMStateID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each VMState. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Linked (the virtual machine is linked to an inventoried or manually created computer) • 2 = Unlinked (the virtual machine is only linked to a “light” computer, automatically created from the host computer’s inventory) • 3 = Duplicated (the virtual machine has a duplicate UUID and is not linked to an inventoried or manually created computer).
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a virtual machine state. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the state resource string has no translation.</p>

VMType Table

VMType is a static table listing the possible types of virtual machine or partition.

Table 276: Database columns for VMType table

Database Column	Details
VMTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a VMType. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = VMware • 2 = Hyper-V • 3 = LPAR • 4 = WPAR • 5 = nPar • 6 = vPar • 7 = SRP • 8 = Zone • 9 = Unknown. • 10 = Oracle VM • 11 = AWS EC2 • 12 = Linux KVM
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a virtual machine or partition type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

Vendor Table

The Vendor table contains a list of all the vendors in the system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 277: Database columns for Vendor table

Database Column	Details
VendorID	Type: integer. Key. Generated ID A unique identifier for the vendor.
VendorName	Type: text (max 64 characters). Key The name of the vendor.
VendorPreviousName	Type: text (max 64 characters). Nullable Any earlier name that the vendor was previously known as.
BusinessPhoneNumber	Type: text (max 30 characters). Nullable The business phone number of the vendor.
FaxPhoneNumber	Type: text (max 30 characters). Nullable The fax number of the vendor.
Address_Street	Type: text (max 200 characters). Nullable The street address of the vendor.
Address_City	Type: text (max 200 characters). Nullable The city of the vendor.
Address_State	Type: text (max 200 characters). Nullable The state or province of the vendor.
Address_ZIP	Type: text (max 20 characters). Nullable The ZIP or postal code of the vendor.
Address_Country	Type: text (max 100 characters). Nullable The country of the vendor.
Address2_Street	Type: text (max 200 characters). Nullable The second street address of the vendor, if applicable.
Address2_City	Type: text (max 200 characters). Nullable The second city of the vendor.
Address2_State	Type: text (max 200 characters). Nullable The second state or province of the vendor.
Address2_ZIP	Type: text (max 20 characters). Nullable The second ZIP or postal code of the vendor.
Address2_Country	Type: text (max 100 characters). Nullable The second country of the vendor.

Database Column	Details
WebSite	Type: text (max 200 characters). Nullable The web site of the vendor.
Email	Type: text (max 200 characters). Nullable The email address of the vendor.
ParentVendorID	Type: integer. Nullable A link to a vendor's parent vendor. Foreign key to another vendor record in this Vendor table. Vendor hierarchies are not currently implemented.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.
AutomaticallyAccept Purchases	Type: boolean Whether purchases from this vendor should have their license linking recommendations in the EntitlementRecommendation table automatically accepted.

VendorContact Table

VendorContact contains a list of all the vendor contacts, or individuals employed by the vendor with whom this enterprise has contact.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 278: Database columns for VendorContact table

Database Column	Details
VendorContactID	Type: integer. Key. Generated ID A unique identifier for the contact.
UserTitleID	Type: integer. Nullable The title of the contact's name. Foreign key to the UserTitle table.

Database Column	Details
FirstName	Type: text (max 128 characters) The first name of the contact.
MiddleName	Type: text (max 128 characters). Nullable The middle name(s) of the contact.
LastName	Type: text (max 128 characters). Nullable The last name name of the contact.
UserSuffixID	Type: integer. Nullable The suffix to the name of the contact.
JobTitle	Type: text (max 128 characters). Nullable The job title of the contact.
VendorID	Type: integer. Key A link to the contact's parent vendor. Foreign key to the Vendor table.
BusinessPhoneNumber	Type: text (max 30 characters). Nullable The business phone number of the contact.
MobilePhoneNumber	Type: text (max 30 characters). Nullable The mobile phone number of the contact.
FaxPhoneNumber	Type: text (max 30 characters). Nullable The fax number of the contact.
Address_Street	Type: text (max 200 characters). Nullable The street address of the contact.
Address_City	Type: text (max 200 characters). Nullable The city of the contact.
Address_State	Type: text (max 200 characters). Nullable The state or province of the contact.
Address_ZIP	Type: text (max 20 characters). Nullable The ZIP or postal code of the contact.
Address_Country	Type: text (max 100 characters). Nullable The country of the contact.
Address2_Street	Type: text (max 200 characters). Nullable The second street address of the contact, if applicable.
Address2_City	Type: text (max 200 characters). Nullable The second city of the contact.

Database Column	Details
Address2_State	Type: text (max 200 characters). Nullable The second state or province of the contact.
Address2_ZIP	Type: text (max 20 characters). Nullable The second ZIP or postal code of the contact.
Address2_Country	Type: text (max 100 characters). Nullable The second country of the contact.
Email	Type: text (max 200 characters). Nullable The email address of the contact.
Messenger	Type: text (max 200 characters). Nullable The instant messenger address of the contact.
Comments	Type: text. Nullable Comments recorded about the contact.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.

VendorProperty Table

VendorProperty defines extra custom properties for all vendors.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 279: Database columns for VendorProperty table

Database Column	Details
VendorPropertyID	Type: integer. Key. Generated ID Unique identifier for a vendor property.

Database Column	Details
PropertyName	Type: text (max 256 characters). Key The name of the custom property. Foreign key to the ComplianceResourceString table.
CustomPropertyDisplayXML ID	Type: integer. Nullable Reference to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

VendorPropertyValue Table

For each vendor, VendorPropertyValue stores the values for the custom properties defined in VendorProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 280: Database columns for VendorPropertyValue table

Database Column	Details
VendorPropertyValueID	Type: integer. Key. Generated ID A unique identifier for a property value.
VendorID	Type: integer. Key The vendor associated with this property. Foreign key to the Vendor table.
VendorPropertyID	Type: integer. Key The property whose value is being stored. Foreign key to the VendorProperty table.
PropertyValue	Type: text (max 4000 characters) The property value.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.

VirtualMachine Table

VirtualMachine stores extra information for computers identified as virtual machines or hardware partitions.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 281: Database columns for VirtualMachine table

Database Column	Details
VirtualMachineID	<i>Type:</i> integer. Key. Generated ID A unique identifier for virtual machine or partition properties associated with a computer.
HostComplianceComputerID	<i>Type:</i> integer. Key. Nullable The virtual machines or partition's host computer. Foreign key to the ComplianceComputer table.
ComplianceComputerID	<i>Type:</i> integer. Key The computer associated with these virtual machine or partition properties. Computer in the ComplianceComputer table.
VMTypeID	<i>Type:</i> integer The type of virtual machine or partition. Foreign key to the VMType table.
UUID	<i>Type:</i> text (max 256 characters). Nullable The UUID (Universally Unique Identifier) of the virtual machine. Used to match virtual machine properties to their associated ComplianceComputer.
VMName	<i>Type:</i> text (max 256 characters). Nullable The name of the virtual machine or partition.
VMLocation	<i>Type:</i> text (max 256 characters). Nullable The location of the virtual machine on the file system.
GuestFullName	<i>Type:</i> text (max 256 characters). Nullable The configured operating system for the guest.
FriendlyName	<i>Type:</i> text (max 256 characters). Nullable The friendly name of the virtual machine or partition.
VCObjectID	<i>Type:</i> text (max 256 characters). Nullable The ID of the virtual machine in Virtual Center.
TotalMemory	<i>Type:</i> big integer. Nullable The total memory of the virtual machine (in bytes).

Database Column	Details
VMStateID	<p>Type: integer</p> <p>The state of the virtual machine, related to whether it is linked to a computer or not. Foreign key to the VMState table.</p>
VMPoolID	<p>Type: integer. Nullable</p> <p>The resource pool that the virtual machine belongs to. Foreign key to the VMPool table.</p>
ZoneResourceManagementMethodTypeID	<p>Type: integer. Nullable</p> <p>The resource management method used for this Solaris Zone VM. Foreign key to the ZoneResourceManagementMethodType table.</p>
CPUUsage	<p>Type: integer. Nullable</p> <p>The maximum CPU usage of the Virtual Machine (measured in MHz).</p>
MemoryUsage	<p>Type: big integer. Nullable</p> <p>The maximum memory usage of the Virtual Machine (in bytes).</p>
MaxNumberOfLogicalProcessors	<p>Type: decimal. Nullable</p> <p>The maximum number of threads this VM is allowed to access.</p>
VMEabledStateID	<p>Type: integer</p> <p>The operational state of the virtual machine (powered on, off, and so on). Foreign key to the VMEabledState table.</p>
VMSourceTypeID	<p>Type: integer</p> <p>Whether the virtual machine properties are manually entered or created from inventory. Foreign key to the VMSourceType table.</p>
CreationUser	<p>Type: text (max 256 characters)</p> <p>The operator who created this record.</p>
CreationDate	<p>Type: datetime</p> <p>The date/time when this record was created.</p>
UpdatedUser	<p>Type: text (max 256 characters). Nullable</p> <p>The operator who last updated this record.</p>
UpdatedDate	<p>Type: datetime</p> <p>The date/time when this record was last updated.</p>
AffinityEnabled	<p>Type: boolean</p> <p>Set this to True if this VM is unable to move to different host computers.</p>
CPUAffinity	<p>Type: text (max 256 characters). Nullable</p> <p>Contains the CPU Affinity value for virtual machines (Host Logical processors)</p>

Database Column	Details
CoreAffinity	Type: text (max 256 characters). Nullable Contains the Core Affinity value for virtual machine
PartitionID	Type: text (max 100 characters). Nullable Partition ID generated and used by the managing virtualization platform
PartitionNumber	Type: integer. Nullable Number of this partition
IsHostAssignedManually	Type: boolean Was the virtual machine assigned to its host manually? This prevents unlinking of the virtual machine.

XMLInsertType Table

XMLInsertType is a static table storing how custom property XML snippets will be inserted into the default property display layout XML file.

Table 282: Database columns for XMLInsertType table

Database Column	Details
XMLInsertTypeID	Type: integer. Key. Generated ID A unique identifier for each XMLInsertType. Possible values are: <ul style="list-style-type: none"> • 1 = Before (the new snippet needs to go before the existing XML element) • 2 = After (the new snippet needs to go after the existing XML element) • 3 = Replace (the new snippet needs to replace the existing XML element) • 4 = First child (the new snippet needs to be added as the first child of the existing XML element) • 5 = Last child (the new snippet needs to be added as the last child of the existing XML element).
TypeDescription	Type: text (max 50 characters). Key A description of the insert type.

ZoneResourceManagementMethodType Table

ZoneResourceManagementMethodType is a static table listing the possible resource management methods which can be used for Solaris Zones.

Table 283: Database columns for ZoneResourceManagementMethodType table

Database Column	Details
ZoneResourceManagementMethodTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a ZoneResourceManagementMethodType. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = resource-pool • 2 = capped-cpu • 3 = dedicated-cpu
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a Solaris Zone resource management method. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the resource management method resource string has no translation.</p>
ImporterString	<p>Type: text (max 100 characters)</p> <p>This is the string which is coming from the data source.</p>

Compliance.Logic.Discovery Tables

The complete set of database tables documented here includes:

- ASN1Object table (see [ASN1Object Table](#))
- DeviceRole table (see [DeviceRole Table](#))
- DiscoveredDevice table (see [DiscoveredDevice Table](#))
- DiscoveredDeviceCalculatedMember table (see [DiscoveredDeviceCalculatedMember Table](#))
- DiscoveredDeviceParent table (see [DiscoveredDeviceParent Table](#))
- DiscoveredDeviceSNMPInfo table (see [DiscoveredDeviceSNMPInfo Table](#))
- DiscoveredDeviceVDBrokerInfo table (see [DiscoveredDeviceVDBrokerInfo Table](#))
- DiscoveredDeviceVDIInfo table (see [DiscoveredDeviceVDIInfo Table](#))
- DiscoveredDeviceVirtualizationInfo table (see [DiscoveredDeviceVirtualizationInfo Table](#))
- KnownOracleListener table (see [KnownOracleListener Table](#))
- KnownOracleService table (see [KnownOracleService Table](#))
- Site table (see [Site Table](#))

- SiteSubnet table (see [SiteSubnet Table](#))
- VirtualizationProductName table (see [VirtualizationProductName Table](#))

ASN1Object Table

Stores a mapping from an ASN ObjectID (OID) to a type of device.

Table 284: Database columns for ASN1Object table

Database Column	Details
OID	<i>Type:</i> text (max 128 characters). Key ASN object identifier.
Description	<i>Type:</i> text (max 512 characters) The fully expanded text version of the object identifier.
ObjectRole	<i>Type:</i> integer. Nullable What role does the device perform?

DeviceRole Table

A lookup table of possible roles for network devices.

Table 285: Database columns for DeviceRole table

Database Column	Details
DeviceRoleID	<i>Type:</i> integer. Key. Generated ID The id of the device role.

Database Column	Details
Description	<p>Type: text (max 64 characters). Key</p> <p>The name of the device role. Possible id and name pairs are:</p> <ul style="list-style-type: none"> • 0 = Computer • 1 = Workstation • 2 = Server • 3 = Printer • 4 = Switch • 5 = Router • 6 = Hub • 7 = NetworkDevice • 8 = Vendor.

DiscoveredDevice Table

A `DiscoveredDevice` is a loose record of the discovery of a device on a network, using any of a number of discovery methods. As such, the same device may be found in more than one way (see `DuplicateID` which may be able to track this fact if known), or by more than one distinguishing feature. Accordingly this table has a somewhat unsatisfactory primary key!



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 286: Database columns for `DiscoveredDevice` table

Database Column	Details
DeviceID	<p>Type: integer. Key. Generated ID</p> <p>Auto-generated identity number.</p>
DeviceUID	<p>Type: unique identifier. Key</p> <p>A unique external identifier for the device.</p>
DuplicateID	<p>Type: integer. Key. Nullable</p> <p>Reference to another discovery record for this device, if known.</p>
ComputerID	<p>Type: integer. Key. Nullable</p> <p>FlexNet Manager Suite computer id, if known</p>

Database Column	Details
DeviceName	Type: text (max 64 characters). Key. Nullable NetBIOS name for computers or any name for other devices, if known.
DNSFullName	Type: text (max 256 characters). Key. Nullable Fully qualified DNS name, if known.
NTDomainName	Type: text (max 256 characters). Key. Nullable NT domain name, if known.
IPAddress	Type: text (max 64 characters). Key. Nullable IP address of the device.
IPSubnet	Type: text (max 64 characters). Nullable IP subnet that contains the node.
IPSubnetMask	Type: text (max 64 characters). Nullable IP subnet mask for the subnet contains the device.
PhysicalAddress	Type: text (max 64 characters). Key. Nullable Network adapter physical address of the node. Can be a MAC address or token ring address.
DeviceRole	Type: integer. Nullable What role does the device perform? <ul style="list-style-type: none"> • NULL = unknown • 0 = Computer (don't know if server or workstation) • 1 = Workstation • 2 = Server • 3 = Printer • 4 = Switch • 5 = Router • 6 = Hub
OperatingSystem	Type: text (max 128 characters). Nullable Operating system of the node, if it is a computer.
IsManaged	Type: integer. Key. Nullable Is the device to be managed by FlexNet Manager Suite? 0 = no, 1 = yes, NULL = unknown.
Description	Type: text (max 256 characters). Nullable Operator-entered description of the device.

Database Column	Details
SystemDescription	Type: text (max 256 characters). Nullable This field is currently unused.
SystemLocation	Type: text (max 256 characters). Nullable This field is currently unused.
SystemContact	Type: text (max 256 characters). Nullable This field is currently unused.
FirstDiscovered	Type: datetime The date and time that the node was first discovered.
LastUpdate	Type: datetime The last time the node was checked or updated.
LastDataSourceName	Type: text (max 128 characters). Key. Nullable A name that identifies where the discovery information came from (for example: physical location, server, and so on).
LastDataSourceType	Type: text (max 32 characters). Key. Nullable The type of data source (for example: Excel, Fluke, NM, Text).
OpenPortsTCP	Type: text (max 512 characters). Nullable The comma-delimited list of TCP ports which were found to be open on scan.
OpenPortsUDP	Type: text (max 512 characters). Nullable The comma-delimited list of UDP ports which were found to be open on scan.
ScannedOperatingSystem	Type: text (max 512 characters). Nullable The IP scan tool's best guess at the operating system. This is based on corner cases in the behavior of the network protocol stack.
ScannedOsType	Type: text (max 512 characters). Nullable OS Type, as reported by scan tool.
ScannedOsVendor	Type: text (max 512 characters). Nullable OS Vendor, as reported by scan tool.
ScannedOsFamily	Type: text (max 512 characters). Nullable OS family, as reported by scan tool.
ScannedOsGen	Type: text (max 512 characters). Nullable OS Generation (Versions), as reported by scan tool.
ScannedMacAddress	Type: text (max 64 characters). Nullable MAC Address, as reported by scan tool.

Database Column	Details
ScannedMacVendor	Type: text (max 512 characters). Nullable MAC Vendor, as reported by scan tool.
SQLDiscoveredBy	Type: text (max 128 characters). Nullable The discovery tool used to discover SQL Server.
SQLPorts	Type: text (max 128 characters). Nullable The ports where SQL Server has been discovered.
IPAddressInt	Type: big integer. Key. Nullable Integer representation of IPAddress column.

DiscoveredDeviceCalculatedMember Table

Stores summary strings of DiscoveredDevice details that are expensive to calculate on demand.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 287: Database columns for DiscoveredDeviceCalculatedMember table

Database Column	Details
DeviceID	Type: integer. Key Device identity number.
IsOracle	Type: boolean. Nullable Have we discovered Oracle on this machine?
OracleListeners	Type: text (max 512 characters). Nullable A summary string representing any known Oracle Listeners, and the port they can be contacted on.
OracleServices	Type: text (max 512 characters). Nullable A summary string representing any known Oracle Services.
IsSQL	Type: boolean. Nullable Have we discovered SQL Server on this machine?
IsVDI	Type: boolean. Nullable Is this machine a virtual desktop?
IsVDIBroker	Type: boolean. Nullable Have we discovered a VDI broker on this machine?

DiscoveredDeviceParent Table

Records any parent-child relationships between DiscoveredDevice records.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 288: Database columns for DiscoveredDeviceParent table

Database Column	Details
DeviceID	Type: integer. Key The child DiscoveredDevice ID
ParentDeviceID	Type: integer. Key The parent DiscoveredDevice ID

DiscoveredDeviceSNMPInfo Table

Records any SNMP information discovered for a DiscoveredDevice.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 289: Database columns for DiscoveredDeviceSNMPInfo table

Database Column	Details
DeviceID	Type: integer. Key Device identity number.
SNMP_snmpCommunityString	Type: text (max 256 characters). Nullable The SNMP Community String that was used for obtaining SNMP MIBs. This and all following SNMP attributes are defined in RFC1907 and others available from the IETF websites.
SNMP_sysDescr	Type: text (max 256 characters). Nullable A textual description of the device. This value should include the full name and version identification of the system's hardware type, software operating-system, and networking software.

Database Column	Details
SNMP_sysObjectID	<p>Type: text (max 256 characters). Nullable</p> <p>The vendor's authoritative identification of the network management subsystem contained in the entity. This value is allocated within the SMI enterprises subtree (1.3.6.1.4.1) and provides an easy and unambiguous means for determining 'what kind of device' is being managed. For example, if vendor 'Flintstones, Inc.' was assigned the subtree 1.3.6.1.4.1.4242, it could assign the identifier 1.3.6.1.4.1.4242.1.1 to its 'Fred Router'.</p>
SNMP_sysObjectIDSymbolic	<p>Type: text (max 256 characters). Nullable</p> <p>The symbolic representation of the same value as sysObjectID.</p>
SNMP_sysUpTime	<p>Type: big integer. Nullable</p> <p>The time (in hundredths of a second) since the network management portion of the system was last re-initialized.</p>
SNMP_sysContact	<p>Type: text (max 256 characters). Nullable</p> <p>The textual identification of the contact person for this managed node, together with information on how to contact this person.</p>
SNMP_sysName	<p>Type: text (max 256 characters). Nullable</p> <p>An administratively-assigned name for this managed node. By convention, this is the node's fully-qualified domain name.</p>
SNMP_sysLocation	<p>Type: text (max 256 characters). Nullable</p> <p>The physical location of this node (for example, 'telephone closet, 3rd floor').</p>
SNMP_sysServices	<p>Type: integer. Nullable</p> <p>A bitmask indicating at which of the seven OSI protocol levels the system provides services (physical=1, TCP = 8, applications = 64, etc).</p>
SNMP_ipForwarding	<p>Type: integer. Nullable</p> <p>Set to 1 if the device forwards IP packets, 2 otherwise.</p>

DiscoveredDeviceVDIBrokerInfo Table

Maps a DiscoveredDevice to a VDI site and broker type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 290: Database columns for DiscoveredDeviceVDIBrokerInfo table

Database Column	Details
DeviceID	Type: integer. Key Device identity number. Foreign key to the DiscoveredDevice table.
VDISiteName	Type: text (max 256 characters). Key. Nullable The site to which this VDI broker belongs.
BrokerType	Type: text (max 256 characters). Key The type of VDI broker found.

DiscoveredDeviceVDIInfo Table

Records any VDI information discovered for a DiscoveredDevice.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 291: Database columns for DiscoveredDeviceVDIInfo table

Database Column	Details
DeviceID	Type: integer. Key Device identity number.
VDIGroupName	Type: text (max 256 characters). Nullable The Desktop Group to which this VDI belongs.
VDITemplateName	Type: text (max 256 characters). Nullable The template from which this VDI device was cloned.
VDISiteName	Type: text (max 256 characters). Key. Nullable The site to which this VDI belongs.
BrokerType	Type: text (max 256 characters). Key. Nullable The type of broker that serves up this VDI.
BrokerMachineName	Type: text (max 64 characters). Nullable NetBIOS name for the VDI broker.
BrokerDomainName	Type: text (max 256 characters). Nullable NT domain name of the broker.

Database Column	Details
BrokerIPAddress	Type: text (max 256 characters). Nullable The IP of the broker.
IsPersistent	Type: boolean Whether or not the VDI device is a persistent one.

DiscoveredDeviceVirtualizationInfo Table

Records any virtualization server information discovered for a `DiscoveredDevice`.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 292: Database columns for `DiscoveredDeviceVirtualizationInfo` table

Database Column	Details
DeviceID	Type: integer. Key Device identity number.
Protocol	Type: text (max 16 characters). Nullable The protocol by which the virtualization API is accessed on the device.
Port	Type: integer The TCP port used by the protocol.
APIType	Type: text (max 32 characters). Nullable The reported API type.
APIVersion	Type: text (max 16 characters). Nullable The supported version of the API.
ProductNameID	Type: integer The reported product name.
ProductVersion	Type: text (max 16 characters). Nullable The reported product version.

KnownOracleListener Table

Records any discovered Oracle listeners that a `DiscoveredDevice` is providing.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 293: Database columns for KnownOracleListener table

Database Column	Details
KnownOracleListenerID	Type: integer. Key. Generated ID Unique id for the known listener.
DeviceID	Type: integer. Key Device identity number. Foreign key to the DiscoveredDevice table.
Port	Type: integer. Key Port for this listener.
Name	Type: text (max 128 characters) The name of the service provided by the device.
Version	Type: text (max 32 characters) The version of the service provided by the device.
ManuallyAdded	Type: boolean Boolean field specifying whether the KnownService record has been manually added by the user.
DiscoveredRemotely	Type: boolean True means this listener is discovered using remote discovery, false otherwise.
DiscoveredLocally	Type: boolean True means this listener is discovered using local discovery, false otherwise.
DiscoveredViaTNSNames	Type: boolean True means this listener is discovered from a TNSNames file on an inventory beacon, false otherwise.

KnownOracleService Table

Records any discovered Oracle services (databases) on a DiscoveredDevice.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 294: Database columns for KnownOracleService table

Database Column	Details
KnownOracleServiceID	Type: integer. Key. Generated ID Unique id for the known Oracle service.
KnownOracleListenerID	Type: integer. Key. Nullable Listener identity number.
DeviceID	Type: integer. Key Network device identity number. Foreign key to the DiscoveredDevice table.
Name	Type: text (max 128 characters). Key The name of the service provided by the device.
ManuallyAdded	Type: boolean Boolean field specifying whether the KnownService record has been manually added by the user.
DiscoveredRemotely	Type: boolean True means this service is discovered using remote discovery, false otherwise.
DiscoveredLocally	Type: boolean True means this service is discovered using local discovery, false otherwise.
DiscoveredViaTNSNames	Type: boolean True means this service is discovered from a TNSNames file on an inventory beacon, false otherwise.

Site Table

The Site table contains data about network locations (sites).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 295: Database columns for Site table

Database Column	Details
SiteID	Type: integer. Key. Generated ID The ID for the site.
Name	Type: text (max 256 characters). Key The name of the site.

Database Column	Details
AutoPopulated	Type: boolean Specifies whether the row was populated automatically (1) or manually (0).
Enabled	Type: boolean Specifies whether the row will be used when mapping domains and devices to sites.

SiteSubnet Table

The SiteSubnet table contains data about subnets in a network location (or site).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 296: Database columns for SiteSubnet table

Database Column	Details
SubnetID	Type: integer. Key. Generated ID The ID for the subnet.
IPSubnet	Type: text (max 64 characters). Key The IP address of the subnet, in human-readable dotted decimal notation (example: 172.16.254.1).
IPSubnetBits	Type: tiny integer. Key The number of bits in the CIDR routing prefix (in IPv4 terms, the subnet mask), expressed as a decimal number.
SiteID	Type: integer. Key SiteID of the site in which the Subnet resides. Foreign key to the Site table.
AutoPopulated	Type: boolean Specifies whether the row was populated automatically (1) or manually (0).
Enabled	Type: boolean Specifies whether the row will be used when mapping domains and devices to sites.
IPAddressRangeFrom	Type: big integer. Key The first IP address within the subnet, expressed as an integer. This value is automatically calculated when the record is created.

Database Column	Details
IPAddressRangeTo	<p><i>Type:</i> big integer. Key</p> <p>The last IP address within the subnet, expressed as an integer. This value is automatically calculated. (For an IPv4 address with a 32-bit subnet mask, this value is the same as the first IP address within the subnet, since this IP address identifies exactly one device.)</p>

VirtualizationProductName Table

Stores unique virtualization server software names for a `DiscoveredDevice`.

Table 297: Database columns for `VirtualizationProductName` table

Database Column	Details
VirtualizationProduct NameID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>Device identity number.</p>
ProductName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The reported product name.</p>

Compliance.Logic.Licensing Tables

The complete set of database tables documented here includes:

- `AccessEvidence` table (see [AccessEvidence Table](#))
- `AccessEvidenceEx` table (see [AccessEvidenceEx Table](#))
- `AccessEvidenceMatchCount` table (see [AccessEvidenceMatchCount Table](#))
- `AccessMode` table (see [AccessMode Table](#))
- `AccessedSoftware` table (see [AccessedSoftware Table](#))
- `AccessedSoftwareDeviceAssignmentReasons` table (see [AccessedSoftwareDeviceAssignmentReasons Table](#))
- `AccessedSoftwareOccurrence` table (see [AccessedSoftwareOccurrence Table](#))
- `AccessedSoftwareUserAssignmentReasons` table (see [AccessedSoftwareUserAssignmentReasons Table](#))
- `AccessingDevice` table (see [AccessingDevice Table](#))
- `AccessingDeviceSnapshot` table (see [AccessingDeviceSnapshot Table](#))
- `AccessingUser` table (see [AccessingUser Table](#))
- `AccessingUserSnapshot` table (see [AccessingUserSnapshot Table](#))

- AssignmentStatus table (see [AssignmentStatus Table](#))
- AssignmentStatusFailureReasonMapping table (see [AssignmentStatusFailureReasonMapping Table](#))
- ClientAccessSourceType table (see [ClientAccessSourceType Table](#))
- ClientAccessedAccessEvidence table (see [ClientAccessedAccessEvidence Table](#))
- ClientAccessedAccessOccurrence table (see [ClientAccessedAccessOccurrence Table](#))
- Cluster table (see [Cluster Table](#))
- ClusterComputer table (see [ClusterComputer Table](#))
- ClusterHostAffinityRule table (see [ClusterHostAffinityRule Table](#))
- ClusterHostAffinityRuleType table (see [ClusterHostAffinityRuleType Table](#))
- ClusterNodeType table (see [ClusterNodeType Table](#))
- ClusterType table (see [ClusterType Table](#))
- ComplianceComputerSnapshot table (see [ComplianceComputerSnapshot Table](#))
- ComplianceComputerTag table (see [ComplianceComputerTag Table](#))
- ComplianceUserSnapshot table (see [ComplianceUserSnapshot Table](#))
- ComplianceUserTag table (see [ComplianceUserTag Table](#))
- DatabaseMutex table (see [DatabaseMutex Table](#))
- EndOfSupportLife table (see [EndOfSupportLife Table](#))
- EndOfSupportLifeName table (see [EndOfSupportLifeName Table](#))
- EntitlementRecommendation table (see [EntitlementRecommendation Table](#))
- EntitlementRecommendationState table (see [EntitlementRecommendationState Table](#))
- EntitlementTransaction table (see [EntitlementTransaction Table](#))
- EntitlementTransactionOtherCandidate table (see [EntitlementTransactionOtherCandidate Table](#))
- EntitlementTransactionState table (see [EntitlementTransactionState Table](#))
- EntitlementTransactionType table (see [EntitlementTransactionType Table](#))
- EvidenceExistenceRule table (see [EvidenceExistenceRule Table](#))
- EvidenceStatus table (see [EvidenceStatus Table](#))
- FNMEAFeature table (see [FNMEAFeature Table](#))
- FNMEALicensedFeature table (see [FNMEALicensedFeature Table](#))
- FileEvidenceCompany table (see [FileEvidenceCompany Table](#))
- FileEvidenceEx table (see [FileEvidenceEx Table](#))

- FileEvidenceFile table (see [FileEvidenceFile Table](#))
- FileEvidenceLanguage table (see [FileEvidenceLanguage Table](#))
- FileEvidenceMatchCount table (see [FileEvidenceMatchCount Table](#))
- FileEvidencePath table (see [FileEvidencePath Table](#))
- GroupSnapshot table (see [GroupSnapshot Table](#))
- ImporterRun table (see [ImporterRun Table](#))
- ImporterStepValidationIssue table (see [ImporterStepValidationIssue Table](#))
- ImporterStepValidationIssueType table (see [ImporterStepValidationIssueType Table](#))
- InstalledFileEvidence table (see [InstalledFileEvidence Table](#))
- InstalledInstallerAttribute table (see [InstalledInstallerAttribute Table](#))
- InstalledInstallerEvidence table (see [InstalledInstallerEvidence Table](#))
- InstalledInstanceReplacement table (see [InstalledInstanceReplacement Table](#))
- InstalledSoftwareData table (see [InstalledSoftwareData Table](#))
- InstalledSoftwareRemoval table (see [InstalledSoftwareRemoval Table](#))
- InstalledSoftwareReplacement table (see [InstalledSoftwareReplacement Table](#))
- InstalledSoftwareUsageData table (see [InstalledSoftwareUsageData Table](#))
- InstalledWMIEvidence table (see [InstalledWMIEvidence Table](#))
- InstallerEvidence table (see [InstallerEvidence Table](#))
- InstallerEvidenceEx table (see [InstallerEvidenceEx Table](#))
- InstallerEvidenceMatchCount table (see [InstallerEvidenceMatchCount Table](#))
- InstallerEvidenceType table (see [InstallerEvidenceType Table](#))
- InstdSWAssignmentReasons table (see [InstdSWAssignmentReasons Table](#))
- LicenseAssignmentConsumptionReason table (see [LicenseAssignmentConsumptionReason Table](#))
- LicenseAssignmentFailureReason table (see [LicenseAssignmentFailureReason Table](#))
- LicenseBreachReason table (see [LicenseBreachReason Table](#))
- LicenseDefinitionTitle table (see [LicenseDefinitionTitle Table](#))
- LicenseDefinitionType table (see [LicenseDefinitionType Table](#))
- LicenseDefinitionUsageRight table (see [LicenseDefinitionUsageRight Table](#))
- LicenseMeasurement table (see [LicenseMeasurement Table](#))
- LicenseSimulation table (see [LicenseSimulation Table](#))

- LicenseSimulationBreachStatus table (see [LicenseSimulationBreachStatus Table](#))
- LicenseSimulationChangeType table (see [LicenseSimulationChangeType Table](#))
- LicenseSimulationHWDDetails table (see [LicenseSimulationHWDDetails Table](#))
- LicenseSimulationLicenseDetails table (see [LicenseSimulationLicenseDetails Table](#))
- LicenseSimulationResults table (see [LicenseSimulationResults Table](#))
- LicenseSimulationRowType table (see [LicenseSimulationRowType Table](#))
- LicenseSimulationSWDetails table (see [LicenseSimulationSWDetails Table](#))
- LicenseSimulationScenario table (see [LicenseSimulationScenario Table](#))
- LicenseStatus table (see [LicenseStatus Table](#))
- NewFileEvidence table (see [NewFileEvidence Table](#))
- OracleLegacyLicenseType table (see [OracleLegacyLicenseType Table](#))
- PODetailProcess table (see [PODetailProcess Table](#))
- PVUSoftwareLicenseProcessorData table (see [PVUSoftwareLicenseProcessorData Table](#))
- PVUVirtualMachineLayer table (see [PVUVirtualMachineLayer Table](#))
- PeriodType table (see [PeriodType Table](#))
- ProcessAction table (see [ProcessAction Table](#))
- ProcessState table (see [ProcessState Table](#))
- ReconcileAccdSWDevAsgnReasons table (see [ReconcileAccdSWDevAsgnReasons Table](#))
- ReconcileAccdSWUsrAsgnReasons table (see [ReconcileAccdSWUsrAsgnReasons Table](#))
- ReconcileAccessedSoftwareData table (see [ReconcileAccessedSoftwareData Table](#))
- ReconcileInstalledSoftwareData table (see [ReconcileInstalledSoftwareData Table](#))
- ReconcileInstalledSoftwareUsageData table (see [ReconcileInstalledSoftwareUsageData Table](#))
- ReconcileInstdSWAssignmentReasons table (see [ReconcileInstdSWAssignmentReasons Table](#))
- ReconcileInterestingBundleAccessComputer table (see [ReconcileInterestingBundleAccessComputer Table](#))
- ReconcileInterestingBundleInstallComputer table (see [ReconcileInterestingBundleInstallComputer Table](#))
- ReconcileInterestingLicenses table (see [ReconcileInterestingLicenses Table](#))
- ReconcileInterestingTitles table (see [ReconcileInterestingTitles Table](#))
- ReconcileSoftwareAccessDeviceLicensePointsConsumedData table (see [ReconcileSoftwareAccessDeviceLicensePointsConsumedData Table](#))
- ReconcileSoftwareAccessUserLicensePointsConsumedData table (see [ReconcileSoftwareAccessUserLicensePointsConsumedData Table](#))

- ReconcileSoftwareLicenseComputerProblem table (see [ReconcileSoftwareLicenseComputerProblem Table](#))
- ReconcileSoftwareLicenseCoresConsumedData table (see [ReconcileSoftwareLicenseCoresConsumedData Table](#))
- ReconcileSoftwareLicenseGroupPointsConsumedData table (see [ReconcileSoftwareLicenseGroupPointsConsumedData Table](#))
- ReconcileSoftwareLicenseLMTPointsConsumedData table (see [ReconcileSoftwareLicenseLMTPointsConsumedData Table](#))
- ReconcileSoftwareLicensePointsConsumedData table (see [ReconcileSoftwareLicensePointsConsumedData Table](#))
- ReconcileSoftwareLicensePointsConsumedReason table (see [ReconcileSoftwareLicensePointsConsumedReason Table](#))
- ReconcileSoftwareLicenseProcessorData table (see [ReconcileSoftwareLicenseProcessorData Table](#))
- ReconcileSoftwareLicenseSecondUseMappingData table (see [ReconcileSoftwareLicenseSecondUseMappingData Table](#))
- ReconcileSoftwareUserLicensePointsConsumedData table (see [ReconcileSoftwareUserLicensePointsConsumedData Table](#))
- ReconcileVirtualMachineLayer table (see [ReconcileVirtualMachineLayer Table](#))
- RegistryEvidence table (see [RegistryEvidence Table](#))
- RegistryEvidenceHive table (see [RegistryEvidenceHive Table](#))
- RegistryEvidenceKey table (see [RegistryEvidenceKey Table](#))
- RegistryEvidenceValue table (see [RegistryEvidenceValue Table](#))
- RelatedInstalledInstallerEvidence table (see [RelatedInstalledInstallerEvidence Table](#))
- RelatedInstalledInstallerEvidenceSourceMap table (see [RelatedInstalledInstallerEvidenceSourceMap Table](#))
- RelatedInstalledSoftwareData table (see [RelatedInstalledSoftwareData Table](#))
- SAPSoftwareLicense table (see [SAPSoftwareLicense Table](#))
- SAPSoftwareLicenseType table (see [SAPSoftwareLicenseType Table](#))
- SAPSpecialVersion table (see [SAPSpecialVersion Table](#))
- ServicePack table (see [ServicePack Table](#))
- ServicePackName table (see [ServicePackName Table](#))
- SoftwareAccessDeviceLicensePointsConsumedData table (see [SoftwareAccessDeviceLicensePointsConsumedData Table](#))
- SoftwareAccessMode table (see [SoftwareAccessMode Table](#))
- SoftwareAccessUserLicensePointsConsumedData table (see [SoftwareAccessUserLicensePointsConsumedData Table](#))
- SoftwareLicense table (see [SoftwareLicense Table](#))

- SoftwareLicenseAllocation table (see [SoftwareLicenseAllocation Table](#))
- SoftwareLicenseAllocationStatus table (see [SoftwareLicenseAllocationStatus Table](#))
- SoftwareLicenseAllocationUserType table (see [SoftwareLicenseAllocationUserType Table](#))
- SoftwareLicenseBreachReasonData table (see [SoftwareLicenseBreachReasonData Table](#))
- SoftwareLicenseChangeEvent table (see [SoftwareLicenseChangeEvent Table](#))
- SoftwareLicenseChangeEventReason table (see [SoftwareLicenseChangeEventReason Table](#))
- SoftwareLicenseChangeEventSource table (see [SoftwareLicenseChangeEventSource Table](#))
- SoftwareLicenseCloudServiceProvider table (see [SoftwareLicenseCloudServiceProvider Table](#))
- SoftwareLicenseComplianceStatus table (see [SoftwareLicenseComplianceStatus Table](#))
- SoftwareLicenseComputerProblemData table (see [SoftwareLicenseComputerProblemData Table](#))
- SoftwareLicenseComputerProblemType table (see [SoftwareLicenseComputerProblemType Table](#))
- SoftwareLicenseConnection table (see [SoftwareLicenseConnection Table](#))
- SoftwareLicenseContract table (see [SoftwareLicenseContract Table](#))
- SoftwareLicenseCoresConsumedData table (see [SoftwareLicenseCoresConsumedData Table](#))
- SoftwareLicenseCreation table (see [SoftwareLicenseCreation Table](#))
- SoftwareLicenseDefinition table (see [SoftwareLicenseDefinition Table](#))
- SoftwareLicenseDuration table (see [SoftwareLicenseDuration Table](#))
- SoftwareLicenseExemptionReason table (see [SoftwareLicenseExemptionReason Table](#))
- SoftwareLicenseExemptionRole table (see [SoftwareLicenseExemptionRole Table](#))
- SoftwareLicenseGroupAllocationReportingType table (see [SoftwareLicenseGroupAllocationReportingType Table](#))
- SoftwareLicenseGroupAssignmentHistory table (see [SoftwareLicenseGroupAssignmentHistory Table](#))
- SoftwareLicenseGroupAssignmentHistoryType table (see [SoftwareLicenseGroupAssignmentHistoryType Table](#))
- SoftwareLicenseGroupBreachStatus table (see [SoftwareLicenseGroupBreachStatus Table](#))
- SoftwareLicenseGroupPointsConsumedData table (see [SoftwareLicenseGroupPointsConsumedData Table](#))
- SoftwareLicenseILMTPointsConsumedData table (see [SoftwareLicenseILMTPointsConsumedData Table](#))
- SoftwareLicenseKey table (see [SoftwareLicenseKey Table](#))
- SoftwareLicenseKeyType table (see [SoftwareLicenseKeyType Table](#))
- SoftwareLicenseMetric table (see [SoftwareLicenseMetric Table](#))
- SoftwareLicensePVUPointsConsumedComputersSCD table (see [SoftwareLicensePVUPointsConsumedComputersSCD Table](#))
- SoftwareLicensePVUPointsConsumedPerHostSCD table (see [SoftwareLicensePVUPointsConsumedPerHostSCD Table](#))

- SoftwareLicensePVUPointsConsumedPerRegionSCD table (see [SoftwareLicensePVUPointsConsumedPerRegionSCD Table](#))
- SoftwareLicensePVUPointsPeakConsumedData table (see [SoftwareLicensePVUPointsPeakConsumedData Table](#))
- SoftwareLicensePVURegionPeakCalculatedData table (see [SoftwareLicensePVURegionPeakCalculatedData Table](#))
- SoftwareLicensePartitioningDefault table (see [SoftwareLicensePartitioningDefault Table](#))
- SoftwareLicensePoints table (see [SoftwareLicensePoints Table](#))
- SoftwareLicensePointsConsumedData table (see [SoftwareLicensePointsConsumedData Table](#))
- SoftwareLicensePointsConsumedReasonData table (see [SoftwareLicensePointsConsumedReasonData Table](#))
- SoftwareLicensePointsConsumedReasonType table (see [SoftwareLicensePointsConsumedReasonType Table](#))
- SoftwareLicensePointsDefault table (see [SoftwareLicensePointsDefault Table](#))
- SoftwareLicensePointsRule table (see [SoftwareLicensePointsRule Table](#))
- SoftwareLicensePointsRuleCloudServiceProvider table (see [SoftwareLicensePointsRuleCloudServiceProvider Table](#))
- SoftwareLicensePointsRuleSet table (see [SoftwareLicensePointsRuleSet Table](#))
- SoftwareLicenseProcessorPointsData table (see [SoftwareLicenseProcessorPointsData Table](#))
- SoftwareLicenseProduct table (see [SoftwareLicenseProduct Table](#))
- SoftwareLicensePropertyValue table (see [SoftwareLicensePropertyValue Table](#))
- SoftwareLicenseProposalStatus table (see [SoftwareLicenseProposalStatus Table](#))
- SoftwareLicensePurchaseType table (see [SoftwareLicensePurchaseType Table](#))
- SoftwareLicenseReservation table (see [SoftwareLicenseReservation Table](#))
- SoftwareLicenseReservationNecessityCheckResult table (see [SoftwareLicenseReservationNecessityCheckResult Table](#))
- SoftwareLicenseReservationStatus table (see [SoftwareLicenseReservationStatus Table](#))
- SoftwareLicenseReservationType table (see [SoftwareLicenseReservationType Table](#))
- SoftwareLicenseScopeTag table (see [SoftwareLicenseScopeTag Table](#))
- SoftwareLicenseScopeTagType table (see [SoftwareLicenseScopeTagType Table](#))
- SoftwareLicenseScoping table (see [SoftwareLicenseScoping Table](#))
- SoftwareLicenseSecondUseMappingData table (see [SoftwareLicenseSecondUseMappingData Table](#))
- SoftwareLicenseSnapshot table (see [SoftwareLicenseSnapshot Table](#))
- SoftwareLicenseTierType table (see [SoftwareLicenseTierType Table](#))
- SoftwareLicenseType table (see [SoftwareLicenseType Table](#))
- SoftwareLicenseTypeChangeProposal table (see [SoftwareLicenseTypeChangeProposal Table](#))

- SoftwareLicenseTypeCloudServiceProviderDefault table (see [SoftwareLicenseTypeCloudServiceProviderDefault Table](#))
- SoftwareLicenseTypePriority table (see [SoftwareLicenseTypePriority Table](#))
- SoftwareLicenseTypeProperty table (see [SoftwareLicenseTypeProperty Table](#))
- SoftwareLicenseUseRight table (see [SoftwareLicenseUseRight Table](#))
- SoftwareLicenseUseRightIBM table (see [SoftwareLicenseUseRightIBM Table](#))
- SoftwareLicenseUseRightName table (see [SoftwareLicenseUseRightName Table](#))
- SoftwareLicenseUseRightProposal table (see [SoftwareLicenseUseRightProposal Table](#))
- SoftwareLifeCycle table (see [SoftwareLifeCycle Table](#))
- SoftwareRecognition table (see [SoftwareRecognition Table](#))
- SoftwareSKULookup table (see [SoftwareSKULookup Table](#))
- SoftwareSku table (see [SoftwareSku Table](#))
- SoftwareTitle table (see [SoftwareTitle Table](#))
- SoftwareTitleAccessEvidence table (see [SoftwareTitleAccessEvidence Table](#))
- SoftwareTitleAction table (see [SoftwareTitleAction Table](#))
- SoftwareTitleClassification table (see [SoftwareTitleClassification Table](#))
- SoftwareTitleEOSL table (see [SoftwareTitleEOSL Table](#))
- SoftwareTitleEdition table (see [SoftwareTitleEdition Table](#))
- SoftwareTitleEx table (see [SoftwareTitleEx Table](#))
- SoftwareTitleFileEvidence table (see [SoftwareTitleFileEvidence Table](#))
- SoftwareTitleHierarchy table (see [SoftwareTitleHierarchy Table](#))
- SoftwareTitleHierarchyEx table (see [SoftwareTitleHierarchyEx Table](#))
- SoftwareTitleInstallerEvidence table (see [SoftwareTitleInstallerEvidence Table](#))
- SoftwareTitleLicense table (see [SoftwareTitleLicense Table](#))
- SoftwareTitleLicenseProposal table (see [SoftwareTitleLicenseProposal Table](#))
- SoftwareTitleLicenseProposalAction table (see [SoftwareTitleLicenseProposalAction Table](#))
- SoftwareTitleLicenseReason table (see [SoftwareTitleLicenseReason Table](#))
- SoftwareTitleOracle table (see [SoftwareTitleOracle Table](#))
- SoftwareTitleProduct table (see [SoftwareTitleProduct Table](#))
- SoftwareTitleProperty table (see [SoftwareTitleProperty Table](#))
- SoftwareTitlePropertyValue table (see [SoftwareTitlePropertyValue Table](#))

- SoftwareTitlePublisher table (see [SoftwareTitlePublisher Table](#))
- SoftwareTitleRegistryEvidence table (see [SoftwareTitleRegistryEvidence Table](#))
- SoftwareTitleSuite table (see [SoftwareTitleSuite Table](#))
- SoftwareTitleSuiteEx table (see [SoftwareTitleSuiteEx Table](#))
- SoftwareTitleType table (see [SoftwareTitleType Table](#))
- SoftwareTitleVersion table (see [SoftwareTitleVersion Table](#))
- SoftwareTitleVersionServicePack table (see [SoftwareTitleVersionServicePack Table](#))
- SoftwareTitleWMIEvidence table (see [SoftwareTitleWMIEvidence Table](#))
- SoftwareUserLicensePointsConsumedData table (see [SoftwareUserLicensePointsConsumedData Table](#))
- SoftwareUserLicensePointsConsumedSuggested table (see [SoftwareUserLicensePointsConsumedSuggested Table](#))
- SoftwareUserLicensePointsConsumedSuggestedHistory table (see [SoftwareUserLicensePointsConsumedSuggestedHistory Table](#))
- SoftwareUserLicensePointsHistory table (see [SoftwareUserLicensePointsHistory Table](#))
- Tag table (see [Tag Table](#))
- TargetOperatingSystemType table (see [TargetOperatingSystemType Table](#))
- TemporalInstalledSoftwareSCD table (see [TemporalInstalledSoftwareSCD Table](#))
- VDI table (see [VDI Table](#))
- VDIEndPointAccess table (see [VDIEndPointAccess Table](#))
- VDIGroup table (see [VDIGroup Table](#))
- VDISite table (see [VDISite Table](#))
- VDI Template table (see [VDI Template Table](#))
- VDIUser table (see [VDIUser Table](#))
- WMIEvidence table (see [WMIEvidence Table](#))
- WMIEvidenceMatchCount table (see [WMIEvidenceMatchCount Table](#))

AccessEvidence Table

AccessEvidence lists software access evidence that is used to identify that a particular item of software (defined in the SoftwareTitle table) has been accessed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 298: Database columns for AccessEvidence table

Database Column	Details
AccessEvidenceID	<i>Type:</i> integer. Key. Generated ID A unique identifier for an software access evidence record.
DisplayName	<i>Type:</i> text (max 256 characters). Key The display name of the software as reported by the software access evidence.
Version	<i>Type:</i> text (max 72 characters). Key The version of the software as reported by the software access evidence.
Edition	<i>Type:</i> text (max 50 characters). Key The edition of the software as reported by the software access evidence.
Publisher	<i>Type:</i> text (max 200 characters). Key The publisher of the software as reported by the installer evidence.
OperatorManageStateID	<i>Type:</i> integer. Key The management responsibility for this information. Foreign key to the OperatorManageState table.
Ignored	<i>Type:</i> boolean Set this field to True if the access evidence is not used for application recognition.
IsShared	<i>Type:</i> boolean

AccessEvidenceEx Table

The AccessEvidenceEx table contains additional information on the access evidence managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 299: Database columns for AccessEvidenceEx table

Database Column	Details
AccessEvidenceID	<i>Type:</i> integer. Key A unique identifier for an access evidence record.

Database Column	Details
OperatorManageStateID	Type: integer. Nullable The management responsibility for this information. Foreign key to the OperatorManageState table.
Ignored	Type: boolean. Nullable Set this field to True if the access evidence is not used for application recognition.

AccessEvidenceMatchCount Table

AccessEvidenceMatchCount tracks the number of times that each access evidence (rule) has been detected as installed and recorded in the data source. A separate count is kept for each access evidence rule, and for each data source.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 300: Database columns for AccessEvidenceMatchCount table

Database Column	Details
AccessEvidenceMatch CountID	Type: integer. Key. Generated ID A synthetic unique identifier is required, since ComplianceConnectionID, being nullable, cannot be included in the primary key.
AccessEvidenceID	Type: integer. Key The access evidence which is being matched. Foreign key to the AccessEvidence table.
ComplianceConnectionID	Type: integer. Key. Nullable The data source where the match is occurring. Foreign key to the ComplianceConnection table.
MatchedCount	Type: integer The number of installed access evidence records in this data source matching this access evidence rule.
InstallCount	Type: integer The number of physical application installations recognized in this data source using this access evidence rule.

AccessMode Table

The AccessMode table holds the available states an application can be considered accessed.

Table 301: Database columns for AccessMode table

Database Column	Details
AccessModeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each AccessMode. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Local • 2 = App-V • 3 = XenApp • 4 = XenDesktop • 5 = VMware View • 6 = Office 365
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an access mode. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the access mode resource string has no translation.</p>

AccessedSoftware Table

AccessedSoftware lists all the access records of an application from a device.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 302: Database columns for AccessedSoftware table

Database Column	Details
AccessedSoftwareID	<p>Type: big integer. Key. Generated ID</p> <p>A unique identifier for an accessed software record.</p>

Database Column	Details
AccessingUserID	Type: integer. Key. Nullable An identifier for a accessing user record. Foreign key to the AccessingUser table.
AccessingDeviceID	Type: integer. Key. Nullable An identifier for a accessing device record. Foreign key to the AccessingDevice table.
SoftwareTitleID	Type: integer. Key The software that is being accessed. Foreign key to the SoftwareTitle table.
SoftwareLicenseID	Type: integer. Key. Nullable The link to the license this access has been counted against. Foreign key to the SoftwareLicense table.
SoftwareLicenseAllocationID	Type: integer. Key. Nullable The link to the license allocation this access has consumed. Foreign key to the SoftwareLicenseAllocation table.
ConsumedCount	Type: integer. Nullable The number of this installation consumed on the license.
IsLicensed	Type: boolean Set this field to True when this access is licensed.
LastAccessDate	Type: datetime. Nullable Last access date recorded for this software access.
LastInventoryDate	Type: datetime. Nullable Last time access inventory was collected for this software access.
PointsCalculated	Type: integer The number of calculated points this installation consumes.

AccessedSoftwareDeviceAssignmentReasons Table

AccessedSoftwareDeviceAssignmentReasons lists all license assignments attempted for client access of an application after license reconcile for the device.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 303: Database columns for AccessedSoftwareDeviceAssignmentReasons table

Database Column	Details
AccessingDeviceID	Type: integer. Key. Nullable The accessing device under examination. Foreign key to the AccessingDevice table.
ComplianceComputerID	Type: integer. Key The compliance computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
MultiProductLicensePhase	Type: boolean This field is set to True when this installation is licensed during the multi-product license phase of license reconcile.
Order	Type: integer The order this license was attempted to be assigned to this installation.
LAConsReasonID	Type: integer. Key. Nullable How many of the points consumed are for installations actually being used.
LicenseAssignment FailureReasonID	Type: integer. Nullable How many of the points consumed are for installations actually being used.
AddedBySQLPhase	Type: boolean Specifies whether the licence allocation was done by SQL or C# code. This is an internal field that can be used when troubleshooting license assignments.

AccessedSoftwareOccurrence Table

AccessedSoftwareOccurrence lists access occurrences for accessed software.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 304: Database columns for AccessedSoftwareOccurrence table

Database Column	Details
AccessedSoftwareID	Type: big integer. Key An identifier for an accessed software. Foreign key to the AccessedSoftware

Database Column	Details
ServerComputerID	Type: integer. Key An identifier for a server record. Foreign key to the ComplianceComputer table.
AccessDate	Type: datetime. Nullable Date on which access has occurred.
LicenseDate	Type: datetime. Key Date which will be used for licensing purposes.
InventoryDate	Type: datetime. Key Date on which access occurrence was recorded.
AccessCount	Type: integer Number of access occurrences on this date.

AccessedSoftwareUserAssignmentReasons Table

AccessedSoftwareUserAssignmentReasons lists all license assignments attempted for client access of an application after the license reconcile is over.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 305: Database columns for AccessedSoftwareUserAssignmentReasons table

Database Column	Details
AccessingUserID	Type: integer. Key. Nullable The accessing device under examination. Foreign key to the AccessingDevice table.
ComplianceUserID	Type: integer. Key The compliance computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
MultiProductLicensePhase	Type: boolean This field is set to True when this installation is licensed during the multi-product license phase of license reconcile.

Database Column	Details
Order	Type: integer The order this license was attempted to be assigned to this installation.
LAConsReasonID	Type: integer. Key. Nullable How many of the points consumed are for installations actually being used.
LicenseAssignment FailureReasonID	Type: integer. Nullable How many of the points consumed are for installations actually being used.
AddedBySQLPhase	Type: boolean Specifies whether the licence allocation was done by SQL or C# code. This is an internal field that can be used when troubleshooting license assignments.

AccessingDevice Table

AccessingDevice stores information about devices which are accessing a software on the server.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 306: Database columns for AccessingDevice table

Database Column	Details
AccessingDeviceID	Type: integer. Key. Generated ID A unique identifier for a AccessingDevice
ComplianceComputerID	Type: integer. Key. Nullable An identifier for a compliance computer record. Foreign key to the ComplianceComputer table.
IPAddress	Type: text (max 256 characters). Key. Nullable IP address of the of the device.
ComputerName	Type: text (max 256 characters). Key. Nullable Computer name.
SerialNo	Type: text (max 100 characters). Nullable The serial number of the computer.
Domain	Type: text (max 100 characters). Nullable The domain name of the computer.

AccessingDeviceSnapshot Table

The AccessingDeviceSnapshot table lists all the snapshotted accessing devices.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 307: Database columns for AccessingDeviceSnapshot table

Database Column	Details
AccessingDeviceID	Type: integer. Key A unique identifier for a AccessingDevice.
ComplianceComputerID	Type: integer. Nullable An identifier for a compliance computer record. Foreign key to the ComplianceComputerSnapshot table.
IPAddress	Type: text (max 256 characters). Nullable IP address of the of the device.
ComputerName	Type: text (max 256 characters). Nullable Computer name.
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

AccessingUser Table

AccessingUser stores information about users which are accessing a software on the server.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 308: Database columns for AccessingUser table

Database Column	Details
AccessingUserID	Type: integer. Key. Generated ID A unique identifier for a AccessingUser

Database Column	Details
ComplianceUserID	Type: integer. Key. Nullable An identifier for a compliance user record. Foreign key to the ComplianceUser table.
UserName	Type: text (max 256 characters). Key Username of the end user.
DomainName	Type: text (max 100 characters). Key. Nullable Domain name of the end user.

AccessingUserSnapshot Table

The AccessingUserSnapshot table lists all the snapshotted accessing users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 309: Database columns for AccessingUserSnapshot table

Database Column	Details
AccessingUserID	Type: integer. Key A unique identifier for a AccessingUser.
ComplianceUserID	Type: integer. Nullable An identifier for a compliance user record. Foreign key to the ComplianceUserSnapshot table.
UserName	Type: text (max 256 characters) Username of the end user.
DomainName	Type: text (max 100 characters). Nullable Domain name of the end user.
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

AssignmentStatus Table

AssignmentStatus lists all license assignment status .

Table 310: Database columns for AssignmentStatus table

Database Column	Details
AssignmentStatusID	<p><i>Type:</i> integer. Key</p> <p>A unique identifier for each AssignmentStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Consumed • 2 = Rejected • 3 = Not assessed
ResourceName	<p><i>Type:</i> text (max 256 characters)</p> <p>The unique name of the localizable resource string representing a license assignment status.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The link to the license this install has been counted against. Foreign key to the SoftwareLicense table.</p>

AssignmentStatusFailureReasonMapping Table

AssignmentStatusFailureReasonMapping mapping of the failures to the respective status .

Table 311: Database columns for AssignmentStatusFailureReasonMapping table

Database Column	Details
AssignmentStatusID	<p><i>Type:</i> integer. Key</p> <p>Foreign key from the AssignmentStatus table.</p>
LicenseAssignment FailureReasonID	<p><i>Type:</i> integer. Key</p> <p>Foreign key from the LicenseAssignmentFailureReason table.</p>

ClientAccessSourceType Table

ClientAccessSourceType is a static table listing the types of client access source type that can be used to determine whether the evidence is collection from which source.

Table 312: Database columns for ClientAccessSourceType table

Database Column	Details
ClientAccessSourceTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each ClientAccessSourceType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Unknown • 2 = UAL • 3 = Exchange • 4 = Lync • 5 = SCCM • 6 = Manual • 7 = SharePoint • 8 = SaaS
TypeResourceString	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a client access source type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
ImporterString	<p>Type: text (max 100 characters). Key</p> <p>The text value provided by adapters when importing client access source type.</p>

ClientAccessedAccessEvidence Table

ClientAccessedAccessEvidence lists access evidence from user and device that occurred on a server computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 313: Database columns for ClientAccessedAccessEvidence table

Database Column	Details
ClientAccessedAccessEvidenceID	<p>Type: big integer. Key. Generated ID</p> <p>A unique identifier for a ClientAccessedAccessEvidence</p>

Database Column	Details
AccessEvidenceID	Type: integer. Key An identifier for an access evidence record. Foreign key to the AccessEvidence table.
AccessingUserID	Type: integer. Key. Nullable An identifier for a accessing user record. Foreign key to the AccessingUser table.
AccessingDeviceID	Type: integer. Key. Nullable An identifier for a accessing device record. Foreign key to the AccessingDevice table.
ServerComputerID	Type: integer. Key An identifier for a server record. Foreign key to the ComplianceComputer table.
MaxAccessCount	Type: integer. Nullable Maximum access count recorded for this evidence.
LastAccessCount	Type: integer. Nullable Last access count recorded for this evidence.
LastAccessDate	Type: datetime. Nullable Last access date recorded for this evidence.
LastInventoryDate	Type: datetime. Nullable Last time access inventory was collected for this evidence.
ClientAccessSourceTypeID	Type: integer. Key Referencing to the client access source type.

ClientAccessedAccessOccurrence Table

ClientAccessedAccessOccurrence lists access occurrences for access evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 314: Database columns for ClientAccessedAccessOccurrence table

Database Column	Details
ClientAccessedAccessEvidenceID	Type: big integer. Key An identifier for an accessed access evidence. Foreign key to the ClientAccessedAccessEvidence
AccessDate	Type: datetime. Nullable Date on which access has occurred.
InventoryDate	Type: datetime. Key Date on which access occurrence was recorded.
LicenseDate	Type: datetime. Key Date which will be used for licensing purposes.
AccessCount	Type: integer Number of access occurrences on this date.

Cluster Table

The Cluster table stores information about a logical group of computers which form a cluster.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 315: Database columns for Cluster table

Database Column	Details
ClusterID	Type: integer. Key. Generated ID A unique identifier for the cluster.
ParentClusterID	Type: integer. Key. Nullable An optional link back to a parent cluster.
ExternalName	Type: text (max 256 characters). Key. Nullable The identifier of the cluster in the external cluster management system.
Name	Type: text (max 256 characters). Key The user-visible name of the cluster.
Namespace	Type: text (max 256 characters). Key. Nullable The name of the domain or datacenter containing the cluster.

Database Column	Details
ClusterTypeID	Type: integer. Key Foreign key to the ClusterType table.
ComplianceComputer InventorySourceTypeID	Type: integer Whether this cluster has ever been reported in inventory, or has been manually created and maintained. Foreign key to the ComplianceComputerInventorySourceType table.
InventoryDate	Type: datetime. Nullable The date the computer last had inventory reported.
UpdatedUser	Type: text (max 128 characters). Nullable The name of the operator who last updated the computer details.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the cluster was created.
InventoryAgent	Type: text (max 64 characters). Nullable The name of the person or tool that performed the last inventory.
DRS	Type: boolean. Nullable Whether Distributed Resource Scheduler (DRS) is enabled
DPM	Type: boolean. Nullable Whether Distributed Power Management (DPM) is enabled

ClusterComputer Table

The ClusterComputer table stores information about the relationship of computers to a cluster.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 316: Database columns for ClusterComputer table

Database Column	Details
ClusterComputerID	Type: integer. Key. Generated ID A unique identifier for the cluster computer.
ClusterID	Type: integer. Key Foreign key to the Cluster table.
ComplianceComputerID	Type: integer. Key Foreign key to the ComplianceComputer table.
ClusterNodeTypeID	Type: integer Foreign key to the ClusterNodeType table.
ComplianceComputer InventorySourceTypeID	Type: integer Whether this cluster computer relationship has ever been reported in inventory, or has been manually created and maintained. Foreign key to the ComplianceComputerInventorySourceType table.

ClusterHostAffinityRule Table

The ClusterHostAffinityRule table stores rules that define whether there is affinity between different VM groups and host groups within a cluster.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 317: Database columns for ClusterHostAffinityRule table

Database Column	Details
ClusterHostAffinityRuleID	Type: integer. Key. Generated ID A unique identifier for each ClusterHostAffinityRule.
ClusterHostAffinity RuleTypeID	Type: integer A unique identifier indicating a type of Cluster Host Affinity Rule.
Name	Type: text (max 256 characters). Key The name assigned to an affinity rule.
HostGroupClusterID	Type: integer The unique identifier of the host group to which the affinity rule applies. Foreign key to the Cluster table.

Database Column	Details
VMGroupClusterID	<i>Type:</i> integer The unique identifier of the VM group to which the affinity rule applies. Foreign key to the Cluster table.
ClusterID	<i>Type:</i> integer. Key Foreign key to the Cluster table.
ComplianceComputerInventorySourceTypeID	<i>Type:</i> integer Whether this cluster host affinity rule has ever been reported in inventory, or has been manually created and maintained. Foreign key to the ComplianceComputerInventorySourceType table.

ClusterHostAffinityRuleType Table

ClusterHostAffinityRuleType is a static table listing all of the types of cluster host affinity rules.

Table 318: Database columns for ClusterHostAffinityRuleType table

Database Column	Details
ClusterHostAffinityRuleTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each ClusterHostAffinityRuleType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = must run on (VMs in the LHS group MUST run on hosts specified in the RHS group) 2 = must not run on (VMs in the LHS group MUST NOT run on any of the hosts specified in the RHS group)
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the type of a cluster host affinity rule. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the type resource string has no translation.

ClusterNodeType Table

ClusterNodeType is a static table listing all of the roles a computer can have in a cluster.

Table 319: Database columns for ClusterNodeType table

Database Column	Details
ClusterNodeTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ClusterNodeType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Active (a node that is powered on and in use.) • 2 = Passive (a node that is powered on but not in use unless an active node fails over to it) • 3 = Hot (an active node–IBM nomenclature) • 4 = Warm (a passive node–IBM nomenclature) • 5 = Cold (a node that is powered off–IBM nomenclature)
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a cluster node type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

ClusterType Table

ClusterType is a static table listing all of the types of a cluster.

Table 320: Database columns for ClusterType table

Database Column	Details
ClusterTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ClusterType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = vMotion (a mobility cluster based on VMWare ESX technology) • 2 = Hyper-V (a mobility cluster based on Microsoft's Hyper-V virtualization technology) • 5 = Oracle VM (a cluster based on Oracle VM virtualization technology)
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a cluster type. Foreign key to the ComplianceResourceString table.</p>

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.
XMLFile	Type: text. Nullable The layout of the property dialog for this type of cluster, stored in XML format.

ComplianceComputerSnapshot Table

The ComplianceComputerSnapshot table lists all the snapshotted computers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 321: Database columns for ComplianceComputerSnapshot table

Database Column	Details
ComplianceComputerID	Type: integer. Key The snapshotted ComplianceComputerID.
ComputerName	Type: text (max 256 characters). Nullable The snapshotted computer name.
Domain	Type: text (max 256 characters). Nullable The snapshotted computer domain name.
LocationID	Type: text (max 128 characters). Key. Nullable The snapshotted LocationID.
BusinessUnitID	Type: text (max 128 characters). Key. Nullable The snapshotted BusinessUnitID.
CostCenterID	Type: text (max 128 characters). Key. Nullable The snapshotted CostCenterID.
CategoryID	Type: text (max 128 characters). Key. Nullable The snapshotted CategoryID.
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

ComplianceComputerTag Table

Reserved for future development.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 322: Database columns for ComplianceComputerTag table

Database Column	Details
ComplianceComputerID	Type: integer. Key Foreign key to the ComplianceComputer table
TagID	Type: integer. Key Foreign key to the Tag table.

ComplianceUserSnapshot Table

The ComplianceUserSnapshot table lists all the users for each snapshot.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 323: Database columns for ComplianceUserSnapshot table

Database Column	Details
ComplianceUserID	Type: integer. Key The snapshotted ComplianceUserID.
UserName	Type: text (max 256 characters). Nullable The snapshotted user name.
Domain	Type: text (max 256 characters). Nullable The snapshotted user domain name.
LocationID	Type: text (max 128 characters). Key. Nullable The snapshotted LocationID.
BusinessUnitID	Type: text (max 128 characters). Key. Nullable The snapshotted BusinessUnitID.

Database Column	Details
CostCenterID	Type: text (max 128 characters). Key. Nullable The snapshotted CostCenterID.
CategoryID	Type: text (max 128 characters). Key. Nullable The snapshotted CategoryID.
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

ComplianceUserTag Table

Reserved for future use.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 324: Database columns for ComplianceUserTag table

Database Column	Details
ComplianceUserID	Type: integer. Key Foreign key to the ComplianceUser table.
TagID	Type: integer. Key Foreign key to the Tag table.

DatabaseMutex Table

The DatabaseMutex table lists all current database mutexes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 325: Database columns for DatabaseMutex table

Database Column	Details
DatabaseMutexID	Type: integer. Key. Generated ID A unique identifier for the database mutex.

Database Column	Details
Name	<i>Type:</i> text (max 256 characters). Key The name of the mutex.

EndOfSupportLife Table

Table 326: Database columns for EndOfSupportLife table

Database Column	Details
EndOfSupportLifeID	<i>Type:</i> integer. Key. Generated ID A unique identifier.
SoftwareLifeCycleID	<i>Type:</i> integer. Key The software life cycle this EOSL belongs to. Foreign key to the SoftwareLifeCycle table.
EndOfSupportLifeNameID	<i>Type:</i> integer. Key The name of the EOSL. Foreign key to the EndOfSupportLifeName table.
EndDate	<i>Type:</i> datetime. Nullable The support end date.
Notes	<i>Type:</i> text. Nullable Notes for this end of support life

EndOfSupportLifeName Table

Table 327: Database columns for EndOfSupportLifeName table

Database Column	Details
EndOfSupportLifeNameID	<i>Type:</i> integer. Key. Generated ID A unique identifier for EOSL name.
Name	<i>Type:</i> text (max 256 characters). Key The EOSL's name

EntitlementRecommendation Table

EntitlementRecommendation is a table listing all of the recommendations that have been made to link entitlements to licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 328: Database columns for EntitlementRecommendation table

Database Column	Details
Entitlement RecommendationID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this recommendation.
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable The license affected by this recommendation, null if a new license is being created. Foreign key to the SoftwareLicense table.
SoftwareLicense DefinitionID	<i>Type:</i> integer. Key. Nullable The license definition of the new license being created. Foreign key to the SoftwareLicenseDefinition table.
SoftwareLicenseDefinition	<i>Type:</i> text. Nullable Encrypted XML definition of the customised license being created if any.
MaintenanceDefinition	<i>Type:</i> text. Nullable Encrypted XML definition of the maintenance being applied to the license associated with this recommendation.
ContractID	<i>Type:</i> integer. Key. Nullable The contract affected by this recommendation, if any. Foreign key to the Contract table.
MaintenanceContractID	<i>Type:</i> integer. Nullable The contract providing maintenance for this recommendation, if any. Foreign key to the Contract table.
ProcessActionID	<i>Type:</i> integer. Key. Nullable The action that is recommended by this recommendation. Foreign key to the ProcessAction table.
Entitlement RecommendationStateID	<i>Type:</i> integer. Nullable The state that the recommendation is in. Foreign key to the EntitlementRecommendationState table.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.

Database Column	Details
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.
DoTransferSoftware LicenseAllocations	<i>Type:</i> boolean. Nullable Indicates whether to transfer Group Assignments and Allocations when performing an upgrade and all the entitlements are transferred to the new license.

EntitlementRecommendationState Table

EntitlementRecommendationState is a static table listing all of the states a entitlement recommendation or transaction can be in.

Table 329: Database columns for EntitlementRecommendationState table

Database Column	Details
Entitlement RecommendationStateID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each EntitlementRecommendationState. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Automatically recommended • 2 = Manually created • 3 = Edited by an operator • 4 = Accepted by an operator or automatically • 5 = Rolled back by an operator • 6 = Deferred by an operator • 7 = Failed to be accepted.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the entitlement recommendation's state. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the state resource string has no translation.

EntitlementTransaction Table

EntitlementTransaction is a table listing all of the recommendations that have been made to link entitlements to licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 330: Database columns for EntitlementTransaction table

Database Column	Details
EntitlementTransactionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this transaction.
EntitlementRecommendationID	<i>Type:</i> integer. Key. Nullable The recommendation this transaction is related to if any. Foreign key to the EntitlementRecommendation table.
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable The license affected by this recommendation. If a new license is being created from a recommendation but the recommendation is pending, the value of this field is null. The license identified depends on the EntitlementTransactionType. For a recommendation, this could be the license being updated (the “from” license) or it could be the new license (the “to” license). Foreign key to the SoftwareLicense table.
PurchaseOrderDetailID	<i>Type:</i> integer. Key. Nullable The purchase order line associated with this transaction. Foreign key to the PurchaseOrderDetail table.
Adjustment	<i>Type:</i> integer. Nullable The (potentially partial) amount of the purchased license quantity that is being applied to the license.
OtherCandidates	<i>Type:</i> boolean. Nullable Whether there were other licenses which could have been recommended.
EntitlementTransactionTypeID	<i>Type:</i> integer. Nullable The type of the transaction. Foreign key to the EntitlementTransactionType table.
EntitlementRecommendationStateID	<i>Type:</i> integer. Key. Nullable The state that the transaction is in. Foreign key to the EntitlementRecommendationState table.

Database Column	Details
IsDeferred	<i>Type:</i> boolean Flags the entitlement transaction whether it is deferred for later processing.
TransactionUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
TransactionDate	<i>Type:</i> datetime. Nullable The date the record was last updated.
PreviousMaintenance Definition	<i>Type:</i> text. Nullable Encrypted XML definition of the maintenance previously applied to the license associated with this transaction.
PreviousMaintenance ContractID	<i>Type:</i> integer. Nullable The ID of the contract previously giving maintenance to the license associated with this transaction. Foreign key to the Contract table.
LicenseNameMatched	<i>Type:</i> boolean Indicates whether or not there was a license name match.
PrimaryApplicationMatched	<i>Type:</i> boolean Indicates whether or not there was a primary application match.
AnyApplicationMatched	<i>Type:</i> boolean Indicates whether or not there was a match on any application.
MaintenanceSettings Matched	<i>Type:</i> boolean Indicates whether or not there was a match based on maintenance settings.
EnterpriseGroupMatched	<i>Type:</i> boolean Indicates whether or not there was a match based on enterprise groups.
NumberOfVersionsDifferent	<i>Type:</i> integer Indicated the number of versions between the version being upgraded to from the version being upgraded from.
EntitlementTransaction StateID	<i>Type:</i> integer The state of the transaction. Foreign key to the EntitlementTransactionState table.
AdjustmentDefault	<i>Type:</i> integer. Nullable The default amount of the purchased license quantity that is being applied to the license.

Database Column	Details
AllowMaintenanceGap	<p><i>Type:</i> boolean</p> <p>Will determine if the end users will be alerted about a gap in maintenance for this purchase. If this is set to 0, then an alert will be generated if a gap is detected. if it is set to 1, then no alert will be generated.</p>

EntitlementTransactionOtherCandidate Table

EntitlementTransactionOtherCandidate is a table listing all of the other possible license recommendations that have been made to for entitlements.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 331: Database columns for EntitlementTransactionOtherCandidate table

Database Column	Details
EntitlementTransaction OtherCandidateID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for this possible candidate.</p>
EntitlementTransactionID	<p><i>Type:</i> integer. Key</p> <p>The entitlement the recommendation belongs to.</p>
SoftwareLicenseID	<p><i>Type:</i> integer. Key</p> <p>The license affected by this recommendation.</p>
UpgradeFrom	<p><i>Type:</i> boolean</p> <p>Indicates whether this license was a candidate to upgrade from or not.</p>
LicenseNameMatched	<p><i>Type:</i> boolean</p> <p>Indicates whether or not there was a license name match.</p>
PrimaryApplicationMatched	<p><i>Type:</i> boolean</p> <p>Indicates whether or not there was a primary application match.</p>
AnyApplicationMatched	<p><i>Type:</i> boolean</p> <p>Indicates whether or not there was a match on any application.</p>
MaintenanceSettings Matched	<p><i>Type:</i> boolean</p> <p>Indicates whether or not there was a match based on maintenance settings.</p>
EnterpriseGroupMatched	<p><i>Type:</i> boolean</p> <p>Indicates whether or not there was a match based on enterprise groups.</p>

Database Column	Details
NumberOfVersionsDifferent	<i>Type:</i> integer Indicated the number of versions between the version being upgraded to from the version being upgraded from.

EntitlementTransactionState Table

EntitlementTransactionState is a static table listing all of the states that can be associated with purchased entitlements.

Table 332: Database columns for EntitlementTransactionState table

Database Column	Details
EntitlementTransactionStateID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each EntitlementTransactionState. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Enabled • 2 = Disabled • 3 = Always enabled • 4 = Not contributing.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the enabled state of the transaction. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the type resource string has no translation.

EntitlementTransactionType Table

EntitlementTransactionType is a static table listing all of the types of transactions that can be performed associating purchased entitlements to a license.

Table 333: Database columns for EntitlementTransactionType table

Database Column	Details
EntitlementTransactionTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each EntitlementTransactionType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Purchased entitlements added to license • 2 = Purchased entitlements removed from license • 3 = Purchased entitlements taken from this license for upgrade purposes • 4 = Entitlements adjusted manually on the license by an operator • 5 = Maintenance entitlements adjusted on the license. • 6 = Maintenance entitlements adjusted manually on the license. • 7 = Upgrade entitlements adjusted manually on the license.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing the type of transaction. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 256 characters)</p> <p>The text to display if the type resource string has no translation.</p>

EvidenceExistenceRule Table

EvidenceExistenceRule is a static table listing the rules to be applied to file evidence and its relationship to a software (application) title.

Table 334: Database columns for EvidenceExistenceRule table

Database Column	Details
EvidenceExistenceRuleID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>Unique identifier for each EvidenceExistenceRule. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Required (the file evidence must be present for the title to be considered installed) • 2 = Not for recognition (not used for recognizing application installations - the presence of this file evidence does not guarantee installation of the title) • 3 = Not allowed (if the file evidence is present, the title is not installed). • 4 = At least one (the presence of any of the file evidence identified this way is enough for the title to be considered installed).
RuleResourceString	<p><i>Type:</i> text (max 50 characters). Key</p> <p>The unique name of the localizable resource string representing an evidence rule. Foreign key to the ComplianceResourceString table.</p>
RuleDefaultString	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the rule resource string has no translation.</p>

EvidenceStatus Table

The collection of status values for installation evidence.

Table 335: Database columns for EvidenceStatus table

Database Column	Details
EvidenceStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for an evidence status. Possible values (and associated default names) are:</p> <ul style="list-style-type: none"> • 1 = Active • 2 = Inactive • 3 = Unassigned • 4 = Ignored • 5 = Assigned.

Database Column	Details
StatusResourceString	Type: text (max 50 characters). Key The name of the resource string containing the text to display on the user interface.
StatusDefaultString	Type: text (max 100 characters) The value to display if there is no resource string available for this status.

FNMEAFeature Table

FNMEAFeature records additional license features, associated with a specific license, that have been imported from FlexNet Manager for Engineering Applications.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 336: Database columns for FNMEAFeature table

Database Column	Details
FNMEAFeatureID	Type: integer. Key. Generated ID A unique identifier for the FNM-EA feature record.
Name	Type: text (max 256 characters) Name of the feature.
Version	Type: text (max 60 characters). Nullable Version of the feature.
PublisherID	Type: integer. Nullable The publisher of the license associated with this feature. Foreign key to the Vendor table.
NumberPurchased	Type: integer The quantity of purchased feature entities.
NumberInstalled	Type: integer The quantity of software installations accounted for by this feature.
SoftwareLicense ComplianceStatusID	Type: integer The compliance status of the license associated with this feature. Defaults to Compliant. Foreign key to the SoftwareLicenseComplianceStatus table.

FNMEALicensedFeature Table

FNMEALicensedFeature associated imported FlexNet Manager for Engineering Applications features with software licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 337: Database columns for FNMEALicensedFeature table

Database Column	Details
FNMEAFeatureID	Type: integer. Key The feature associated with a license. Foreign key to the FNMEAFeature table.
SoftwareLicenseID	Type: integer. Key The license associated with a feature. Foreign key to the SoftwareLicense table.
QuantityPerLicense	Type: integer The quantity of feature entitlements per associated license purchased.
ProductID	Type: text (max 256 characters). Key The external identifier of the product the linked feature is a part of.
ComplianceConnectionID	Type: integer. Key An identifier for the data source the product has been imported from.

FileEvidenceCompany Table

FileEvidenceCompany contains the company names appearing in the headers of files used as evidence that an application is installed.

Table 338: Database columns for FileEvidenceCompany table

Database Column	Details
FileEvidenceCompanyID	Type: integer. Key. Generated ID A unique identifier for this company.
Company	Type: text (max 100 characters). Key The name of the company.

FileEvidenceEx Table

The FileEvidenceEx table contains additional information on the file evidence managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 339: Database columns for FileEvidenceEx table

Database Column	Details
FileEvidenceID	Type: integer. Key A unique identifier for an file evidence record.
OperatorManageStateID	Type: integer. Nullable The management responsibility for this information. Foreign key to the OperatorManageState table.
Ignored	Type: boolean. Nullable Set this field to True if the file evidence is not used for application recognition.

FileEvidenceFile Table

FileEvidenceFile contains the names of the files used as evidence that an application is installed.

Table 340: Database columns for FileEvidenceFile table

Database Column	Details
FileEvidenceFileID	Type: integer. Key. Generated ID A unique identifier for the file.
FileName	Type: text (max 256 characters). Key The name of the file.

FileEvidenceLanguage Table

FileEvidenceLanguage contains the language names appearing in headers of files used as evidence that an application is installed.

Table 341: Database columns for FileEvidenceLanguage table

Database Column	Details
FileEvidenceLanguageID	Type: integer. Key. Generated ID A unique identifier for this language.
Language	Type: text (max 200 characters). Key The name of the language.

FileEvidenceMatchCount Table

FileEvidenceMatchCount tracks the number of times that each file evidence (rule) has been detected as installed and recorded in the data source. A separate count is kept for each file evidence rule, and for each data source.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 342: Database columns for FileEvidenceMatchCount table

Database Column	Details
FileEvidenceMatchCountID	Type: integer. Key. Generated ID A synthetic unique identifier is required, since ComplianceConnectionID, being nullable, cannot be included in the primary key.
FileEvidenceID	Type: integer. Key The file evidence rule being matched. Foreign key to the NewFileEvidence table.
ComplianceConnectionID	Type: integer. Key. Nullable The data source where the match is occurring. Foreign key to the ComplianceConnection table.
MatchedCount	Type: integer The number of installed files in this data source matching this file evidence rule.
InstallCount	Type: integer The number of physical application installations recognized in this data source using this file evidence rule.

FileEvidencePath Table

FileEvidencePath contains the file paths to files used as evidence that an application is installed.

Table 343: Database columns for FileEvidencePath table

Database Column	Details
FileEvidencePathID	Type: integer. Key. Generated ID A unique identifier for this path.
FilePath	Type: text (max 400 characters). Key The content of the file path.

GroupSnapshot Table

The GroupSnapshot table lists all the snapshotted groups.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 344: Database columns for GroupSnapshot table

Database Column	Details
GroupID	Type: integer. Key The snapshotted GroupID.
GroupExID	Type: text (max 128 characters). Key The snapshotted GroupExID.
Path	Type: text (max 500 characters) The snapshotted Path.
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

ImporterRun Table

The ImporterRun table lists all previously run imports.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 345: Database columns for ImporterRun table

Database Column	Details
ImporterRunID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the import run.
LicenseMeasurementID	<i>Type:</i> integer. Key. Nullable The LicenseMeasurementID if a license reconcile was performed. Foreign key to the LicenseMeasurement table.
StartDate	<i>Type:</i> datetime. Nullable The time the import was started.
EndDate	<i>Type:</i> datetime. Nullable The time the import was completed.
ImportSourcesAppliedDate	<i>Type:</i> datetime. Nullable If non-licensing writers ran and completed successfully, this field will be set to the date/time of their completion. In effect, it records the application of data from the importer staging tables in to the core tables. This is the case even if the record as a whole is marked as a failure, as the writers processing will have already completed.
Arguments	<i>Type:</i> text (max 1024 characters) The command line arguments to the import.
RunAs	<i>Type:</i> text (max 1024 characters) The user who performed the import.
Comment	<i>Type:</i> text (max 1024 characters). Nullable Comments related to the import.
EventLogSummaryID	<i>Type:</i> integer. Key. Nullable The EventLogSummaryID for the import. Foreign key to the EventLogSummary table.
Success	<i>Type:</i> boolean. Key. Nullable Determines whether the import completed successfully.

ImporterStepValidationIssue Table

The ImporterStepValidationIssue table lists any validation issues that occurred during an import, that the user may need to review.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 346: Database columns for ImporterStepValidationIssue table

Database Column	Details
ImporterStepValidation IssueID	Type: integer. Key. Generated ID A unique identifier for the import validation.
ImporterRunID	Type: integer. Key Foreign key to the ImporterRun table.
ComplianceConnectionID	Type: integer. Key Foreign key to the ComplianceConnection table.
ProcedureName	Type: text (max 256 characters). Nullable The procedure that contains the issue.
StepName	Type: text (max 512 characters). Nullable The step that contains the issue.
RowSkipped	Type: boolean Source to object validation issue specifying if row skipped.
ColErrorReason	Type: integer. Nullable Source to object validation issue specifying reason for error on particular row.
ColumnName	Type: text (max 128 characters). Nullable Column name of the failed source to object validation issue.
RowNumber	Type: big integer. Nullable Row number of the failed source to object validation issue.
AffectedItem	Type: text (max 512 characters). Nullable An optional description for any further related item.
ImporterStepValidation IssueTypeID	Type: integer. Nullable Foreign key to the ImporterStepValidationIssueType table.
OccurrenceDate	Type: datetime. Nullable The time the issue was raised.

ImporterStepValidationIssueType Table

ImporterStepValidationIssueType is a static table listing all of the validation issues that can occur on a ComplianceConnection.

Table 347: Database columns for ImporterStepValidationIssueType table

Database Column	Details
ImporterStepValidationIssueTypeID	Type: integer. Key. Generated ID
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the ImporterStepValidationIssueType record. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

InstalledFileEvidence Table

InstalledFileEvidence lists file evidence that has been installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 348: Database columns for InstalledFileEvidence table

Database Column	Details
FileEvidenceID	Type: integer. Key An identifier for a file evidence record. Foreign key to the NewFileEvidence table.
ComplianceComputerID	Type: integer. Key The managed computer on which this evidence was found. Foreign key to the ComplianceComputer table.
AccessModeID	Type: integer. Key The state an application was considered accessed. Foreign key to the AccessMode table.

InstalledInstallerAttribute Table

InstalledInstallerAttribute installer evidence attributes that exist on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 349: Database columns for InstalledInstallerAttribute table

Database Column	Details
InstallerEvidenceID	Type: integer. Key An identifier for an installer evidence record. Foreign key to the InstallerEvidence table.
ComplianceComputerID	Type: integer. Key An identifier for a computer record. Foreign key to the ComplianceComputer table.
InstanceName	Type: text (max 256 characters). Key. Nullable The name of the instance on the computer where this installer evidence was found.
AttributeID	Type: integer. Key The installer evidence attribute. Foreign key to the Attribute table.
Value	Type: text The value of the attribute.

InstalledInstallerEvidence Table

InstalledInstallerEvidence lists installer evidence that has been installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 350: Database columns for InstalledInstallerEvidence table

Database Column	Details
InstallerEvidenceID	Type: integer. Key An identifier for an installer evidence record. Foreign key to the InstallerEvidence table.
ComplianceComputerID	Type: integer. Key An identifier for a computer record. Foreign key to the ComplianceComputer table.

Database Column	Details
InstanceName	Type: text (max 256 characters). Key. Nullable The name of the instance on the computer where this installer evidence was found.
InstallDate	Type: datetime. Nullable The install date of the installer evidence.
DiscoveryDate	Type: datetime. Nullable The date that the installer evidence was first seen.
AccessModeID	Type: integer. Key The state an application was considered accessed. Foreign key to the AccessMode table.

InstalledInstanceReplacement Table

InstalledInstanceReplacement tracks the particular installations instances where a software suite replaced the installation record of its member application.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 351: Database columns for InstalledInstanceReplacement table

Database Column	Details
InstanceID	Type: integer. Key The installation instance of the software suite. Foreign key to the Instance table.
ReplacedSoftwareTitleID	Type: integer. Key Software title that has been replaced by its parent suite. Foreign key to the SoftwareTitle table.

InstalledSoftwareData Table

InstalledSoftware lists all the installations of an application (as defined in the SoftwareTitle table).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 352: Database columns for InstalledSoftwareData table

Database Column	Details
InstalledSoftwareID	<i>Type:</i> integer. Key. Generated ID A unique identifier for an installed software record.
ComplianceComputerID	<i>Type:</i> integer. Key The computer on which the software is installed. Foreign key to the ComplianceComputer table.
SoftwareTitleID	<i>Type:</i> integer. Key The software that is installed. Foreign key to the SoftwareTitle table.
IsUsed	<i>Type:</i> boolean Set this field to True if the software title is installed according to usage thresholds in the SoftwareTitle table.
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable The link to the license this install has been counted against. Foreign key to the SoftwareLicense table.
SoftwareLicenseAllocationID	<i>Type:</i> integer. Key. Nullable The link to the license allocation this installation has consumed. Foreign key to the SoftwareLicenseAllocation table.
IsLicensed	<i>Type:</i> boolean Set this field to True when this installation is licensed.
PointsUsed	<i>Type:</i> integer. Nullable The number of points this installation consumes on a points-based license.
RawPointsUsed	<i>Type:</i> integer. Nullable The number of points this installation consumes on a points-based license before exemptions are considered.
InstallDate	<i>Type:</i> datetime. Nullable The install date of the software.
DiscoveryDate	<i>Type:</i> datetime. Key. Nullable The date that the software was first seen.
LastUsedDate	<i>Type:</i> datetime. Nullable The date that the software was last used.
PointsCalculated	<i>Type:</i> integer The number of calculated points this installation consumes.

InstalledSoftwareRemoval Table

InstalledSoftwareRemoval table keeps track of software titles that have been recognised, but then removed due to precedence. This is typically because a higher quality (more specific) title has been found.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 353: Database columns for InstalledSoftwareRemoval table

Database Column	Details
InstalledSoftwareID	Type: integer. Key Installation record for lower quality title. Foreign key to the InstalledSoftware table.
RemovedSoftwareTitleID	Type: integer. Key Software title whose installation is now being ignored due to the presence of a higher quality title. Foreign key to the SoftwareTitle table.

InstalledSoftwareReplacement Table

InstalledSoftwareReplacement tracks which individual application installation records have (ever) been subsumed by recognition of their parent software suite installed on the same computer. Only the suite and its member application are linked here.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 354: Database columns for InstalledSoftwareReplacement table

Database Column	Details
InstalledSoftwareID	Type: integer. Key The suite's installation record. Foreign key to the InstalledSoftware table.
ReplacedSoftwareTitleID	Type: integer. Key The software title that has been replaced by its parent suite. Foreign key to the SoftwareTitle table.

InstalledSoftwareUsageData Table

InstalledSoftwareUsage records the end-users who are using a piece of software installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 355: Database columns for InstalledSoftwareUsageData table

Database Column	Details
InstalledSoftwareUsageID	Type: integer. Key. Generated ID The unique identifier for this record.
ComplianceUserID	Type: integer. Key. Nullable The end-user using the application. Foreign key to the ComplianceUser table.
SoftwareLicenseID	Type: integer. Nullable The license that covers this installation. Foreign key to the SoftwareLicense table.
SoftwareLicenseAllocationID	Type: integer. Key. Nullable A link to any individual allocation that this installation consumes. Foreign key to the SoftwareLicenseAllocation table.
IsLicensed	Type: boolean Set this field to True if this usage is licensed.
UsageSessions	Type: integer The number of sessions for (or times that the application was used by) this end-user on this computer.
UsageActiveTime	Type: integer The amount of time this application was in active use (in the foreground) for this end-user on this computer.
ComplianceComputerID	Type: integer. Key The application. Foreign key to the ComplianceComputer table.
SoftwareTitleID	Type: integer. Key The application. Foreign key to the SoftwareTitle table.
LastUsedDate	Type: datetime. Nullable The date that the installed software was last used.
AccessModeID	Type: integer. Key The date that the installed software was last used.

InstalledWMIEvidence Table

InstalledWMIEvidence lists WMI evidence that has been installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 356: Database columns for InstalledWMIEvidence table

Database Column	Details
WMIEvidenceID	Type: integer. Key An identifier for a WMI evidence record. Foreign key to the WMIEvidence table.
ComplianceComputerID	Type: integer. Key An identifier for a computer record. Foreign key to the ComplianceComputer table.
AccessModeID	Type: integer. Key The state an application was considered accessed. Foreign key to the AccessMode table.
InstanceName	Type: text (max 256 characters). Key The name of the WMI class instance used in the source connection for the WMI evidence

InstallerEvidence Table

InstallerEvidence lists installer evidence that is used to identify that a particular item of software (defined in the SoftwareTitle table) has been installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 357: Database columns for InstallerEvidence table

Database Column	Details
InstallerEvidenceID	Type: integer. Key. Generated ID A unique identifier for an installer evidence record.

Database Column	Details
InstallerEvidenceTypeID	Type: integer. Key Identifies the type of installer evidence. Defaults to MSI. Foreign key to the InstallerEvidenceType table.
DisplayName	Type: text (max 256 characters). Key The display name of the software as reported by the installer evidence.
Version	Type: text (max 72 characters). Key The version of the software as reported by the installer evidence.
Publisher	Type: text (max 200 characters). Key The publisher of the software as reported by the installer evidence.
OperatorManageStateID	Type: integer. Key The management responsibility for this information. Foreign key to the OperatorManageState table.
Ignored	Type: boolean Set this field to True if the installer evidence is not used for application recognition.
IsShared	Type: boolean

InstallerEvidenceEx Table

The InstallerEvidenceEx table contains additional information on the installer evidence managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 358: Database columns for InstallerEvidenceEx table

Database Column	Details
InstallerEvidenceID	Type: integer. Key A unique identifier for an installer evidence record.
OperatorManageStateID	Type: integer. Nullable The management responsibility for this information. Foreign key to the OperatorManageState table.

Database Column	Details
Ignored	<p>Type: boolean. Nullable</p> <p>Set this field to True if the installer evidence is not used for application recognition.</p>

InstallerEvidenceMatchCount Table

InstallerEvidenceMatchCount tracks the number of times that each installer evidence (rule) has been detected as installed and recorded in the data source. A separate count is kept for each installer evidence rule, and for each data source.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `Tenant.ID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 359: Database columns for InstallerEvidenceMatchCount table

Database Column	Details
InstallerEvidenceID	<p>Type: integer. Key</p> <p>The installer evidence which is being matched. Foreign key to the InstallerEvidence table.</p>
ComplianceConnectionID	<p>Type: integer. Key</p> <p>The data source where the match is occurring. Foreign key to the ComplianceConnection table.</p>
MatchedCount	<p>Type: integer</p> <p>The number of installed installer evidence records in this data source matching this installer evidence rule.</p>
InstallCount	<p>Type: integer</p> <p>The number of physical application installations recognized in this data source using this installer evidence rule.</p>

InstallerEvidenceType Table

InstallerEvidenceType is a static table listing the types of installer evidence that can be used to determine whether an item of software has been installed.

Table 360: Database columns for InstallerEvidenceType table

Database Column	Details
InstallerEvidenceTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each InstallerEvidenceType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Any • 2 = Add/Remove Programs • 3 = Software ID Tag • 4 = MSI • 5 = Unknown • 6 = ILMT • 7 = RPM • 8 = OS X App • 9 = LPP • 10 = SDUX • 11 = SUNPKG • 12 = IA • 13 = BEA • 14 = ISMP • 15 = IPS • 16 = ADDM • 17 = OracleEBSModule • 18 = BDNA • 19 = FlexeraID • 20 = DPKG • 21 = App-V • 22 = OUI • 23 = IIM • 24 = DSPMQ • 25 = VMware • 26 = HPUD

Database Column	Details
	<ul style="list-style-type: none"> • 27 = SaaS • 28 = UniversalApplication
TypeResourceString	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an installer evidence type. Foreign key to the ComplianceResourceString table.</p>
TypeDefaultString	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
ImporterString	<p>Type: text (max 100 characters)</p> <p>The text value provided by adapters when importing installer evidence.</p>

InstdSWAssignmentReasons Table

InstdSWAssignmentReasons lists all license assignments attempted for an installation of an application.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 361: Database columns for InstdSWAssignmentReasons table

Database Column	Details
InstalledSoftwareID	<p>Type: integer. Key</p> <p>The link to the installed software record a license assignment was attempted for. Foreign key to the InstalledSoftware table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The link to the license this install has been counted against. Foreign key to the SoftwareLicense table.</p>
ComplianceUserID	<p>Type: integer. Key. Nullable</p> <p>The link to the user this install has been counted against. Foreign key to the ComplianceUser table.</p>
MultiProductLicensePhase	<p>Type: boolean</p> <p>This field is set to True when this installation is licensed during the multi-product license phase of license reconcile.</p>
Order	<p>Type: integer</p> <p>The order this license was attempted to be assigned to this installation.</p>

Database Column	Details
LicenseAssignmentFailureReasonID	Type: integer. Nullable The reason this installation could not be assigned to this license. Foreign key to the LicenseAssignmentFailureReason table.
LAConsReasonID	Type: integer. Key. Nullable The reason this installation consumed entitlements from this license. Foreign key to the LicenseAssignmentConsumptionReason table.
FirstAvailable	Type: boolean Whether this license was the first available to be assigned to this installation regardless of purchases.
RequestedValue	Type: text (max 256 characters). Nullable The requested value for this installation on this license.
AvailableValue	Type: text (max 256 characters). Nullable The available value for this installation on this license.
AddedBySQLPhase	Type: boolean Specifies whether the licence allocation was done by SQL or C# code. This is an internal field that can be used when troubleshooting license assignments.

LicenseAssignmentConsumptionReason Table

LicenseAssignmentConsumptionReason holds all the reasons why a license assignment for an installation of an application consumed the entitlements it did.

Table 362: Database columns for LicenseAssignmentConsumptionReason table

Database Column	Details
LAConsReasonID	Type: integer. Key. Generated ID A unique identifier for each LicenseAssignmentConsumptionReason. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = License entitlement or points consumed as expected • 2 = Covered by right of second use • 3 = Allocation of a license entitlement to this device triggers automatic consumption • 4 = Access to the application is counted as consumption for this license type

Database Column	Details
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a license assignment consumption reason. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the license assignment consumption reason resource string has no translation.

LicenseAssignmentFailureReason Table

LicenseAssignmentFailureReason holds all the reasons why a license assignment for an installation of an application could not be made.

Table 363: Database columns for LicenseAssignmentFailureReason table

Database Column	Details
LicenseAssignment FailureReasonID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each LicenseAssignmentFailureReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = There are not enough entitlements available on this license to cover this device • 2 = The installation was outside the restricted enterprise group • 3 = Custom tags on the device do not match the custom tags set on the license • 4 = This license type requires allocation, but no license entitlement was allocated to the device or user • 5 = The number of sockets, required to calculate consumption, is missing for this device • 6 = The number of sockets for this device is more than the maximum allowed for this license • 7 = The number of processors, required for calculating consumption from this license type, is missing for this device • 8 = The number of processors for this device is fewer than the minimum allowed for this license • 9 = The number of processors for this device is more than the maximum allowed for this license • 10 = The number of cores, required for calculating consumption for this license type, is missing for this device • 11 = The number of cores (or processors) for this device is more than the maximum allowed for this license • 12 = No licensable Oracle database instance is known for this device • 13 = No consumption calculated, possibly because processor, core, or thread counts are missing from device inventory • 14 = Application is supplementary on this license, and consumption needs either the missing primary product installation, or an allocation • 15 = The license was not assessed, because the device has consumed from a higher priority license • 16 = Access logs are missing the usage date/period needed for a CAL

Database Column	Details
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a license assignment failure reason. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 256 characters)</p> <p>The text to display if the license assignment failure reason resource string has no translation.</p>

LicenseBreachReason Table

LicenseBreachReason is a static table holding the collection of reasons why a license can be at risk.

Table 364: Database columns for LicenseBreachReason table

Database Column	Details
LicenseBreachReasonID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each LicenseBreachReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Installed Greater Than Purchased • 2 = Child License At Risk • 3 = Install Linked to License has Invalid Sockets • 4 = Software License Does Not Meet Minimums • 5 = Software License Has Expired • 6 = Unlicensed Component Installed • 7 = Peak Consumed Quantity Greater Than Purchased • 8 = Nested License At Risk • 9 = Supplementary Product Exceeds Ratio.
BreachResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a risk reason. Foreign key to the ComplianceResourceString table.</p>
BreachDefaultValue	<p>Type: text (max 512 characters)</p> <p>The text to display if the reason resource string has no translation.</p>

LicenseDefinitionTitle Table

LicenseDefinitionTitle associates software license definitions with their related applications.

Table 365: Database columns for LicenseDefinitionTitle table

Database Column	Details
SoftwareLicense DefinitionID	<i>Type:</i> integer. Key The license definition. Foreign key to the SoftwareLicenseDefinition table.
SoftwareRecognitionID	<i>Type:</i> text (max 100 characters). Key The encrypted FlexNet Manager Suite factory unique ID for the linked application in the Application Recognition Library.

LicenseDefinitionType Table

LicenseDefinitionType is a static table listing supported software license definition types, which are used to distinguish records downloaded from the Product Use Rights Library.

Table 366: Database columns for LicenseDefinitionType table

Database Column	Details
LicenseDefinitionTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a definition type. Possible values (and associated default names) are: <ul style="list-style-type: none"> • 1 = License • 2 = Product • 3 = Usage Right.
TypeName	<i>Type:</i> text (max 100 characters). Key Unique internal name for this definition type.

LicenseDefinitionUsageRight Table

LicenseDefinitionUsageRight associates software license definitions and Application Recognition Library software applications to recommended usage rights.

Table 367: Database columns for LicenseDefinitionUsageRight table

Database Column	Details
LicenseDefinitionFactoryUID	Type: text (max 100 characters). Key The encrypted factory unique ID for a license definition or ARL application.
UsageRightFactoryUID	Type: text (max 100 characters). Key The encrypted factory unique ID for a usage right template.
IsPrimary	Type: boolean Is the software application a primary application to the recommended usage rights?
IsBundle	Type: boolean Is the recommended usage rights a bundle?
IsRelatedByEdition	Type: boolean Is the recommended usage rights is related to this primary application by the edition?

LicenseMeasurement Table

The LicenseMeasurement table is used to store license measurement snapshots.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 368: Database columns for LicenseMeasurement table

Database Column	Details
LicenseMeasurementID	Type: integer. Key. Generated ID A unique identifier for the license measurement.
MeasurementCode	Type: text (max 128 characters) The unique code for this measurement.
MeasurementTime	Type: datetime. Key The date and time this measurement was started.
MeasurementEndTime	Type: datetime. Nullable The date and time this measurement was completed.
Success	Type: boolean Determines whether the measurement completed successfully.

Database Column	Details
Description	<i>Type:</i> text (max 50 characters) The description of this measurement.
IsPartial	<i>Type:</i> boolean Indicate whether this licence run was a partial run or not.

LicenseSimulation Table

A `LicenseSimulation` is made up of an initial scenario, and a cloned version of this scenario. The user can modify the rows in this cloned scenario.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 369: Database columns for `LicenseSimulation` table

Database Column	Details
LicenseSimulationID	<i>Type:</i> integer. Key. Generated ID Unique ID for the <code>LicenseSimulation</code> table.
LicenseSimulationScenarioID	<i>Type:</i> integer. Key Foreign key to the <code>LicenseSimulationScenario</code> table.
LastModified	<i>Type:</i> datetime The last time this simulation was modified.
ComplianceOperatorID	<i>Type:</i> integer. Key The compliance operator responsible for this scenario
DisplayName	<i>Type:</i> text (max 256 characters). Nullable The name given to this simulation by the owner/operator.
DisplayRateID	<i>Type:</i> integer. Nullable The rate to be used to display all price values in this simulation. Foreign key to the <code>CurrencyRate</code> table. If null, then the user's default can be used.

LicenseSimulationBreachStatus Table

`LicenseSimulationBreachStatus` is a static table listing all of the risk states a license can be in, once it is modelled in a Simulation.

Table 370: Database columns for LicenseSimulationBreachStatus table

Database Column	Details
LicenseSimulationBreachStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each LicenseSimulationBreachStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Still compliant • 2 = Still at risk • 3 = Now compliant • 4 = Now at risk.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing risk status in a license simulation. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

LicenseSimulationChangeType Table

LicenseSimulationChangeType is a static table listing all the types of operations that can be applied as changes to simulation data

Table 371: Database columns for LicenseSimulationChangeType table

Database Column	Details
LicenseSimulationChangeTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each LicenseSimulationChangeType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Unchanged • 2 = Added • 3 = Deleted • 4 = Modified • 5 = Moved.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a computer role. Foreign key to the ComplianceResourceString table.</p>

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

LicenseSimulationHWDetails Table

LicenseSimulationHWDetails stores a complete snapshot of hardware data for simulations. The LicenseSimulationScenario associated with each record could be an original snapshot of data, or a user modifiable scenario.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 372: Database columns for LicenseSimulationHWDetails table

Database Column	Details
LicenseSimulationHWDetailsID	Type: integer. Key. Generated ID A unique identifier for a hardware item that is part of a simulation scenario.
LicenseSimulationScenarioID	Type: integer. Key The simulation scenario this hardware item is part of. Foreign key to the LicenseSimulationScenario table.
Name	Type: text (max 256 characters). Nullable The friendly name for this hardware item.
LicenseSimulationRowTypeID	Type: integer The type of hardware for this item.
Manufacturer	Type: text (max 128 characters). Nullable The manufacturer of this hardware item. Typically applies to a virtualisation server.
ModelNo	Type: text (max 128 characters). Nullable The model number of this hardware item. Typically applies to a virtualisation server.
ChassisNumber	Type: text (max 128 characters). Nullable The chassis number of this hardware item. Typically applies to a virtualisation server.
SerialNo	Type: text (max 100 characters). Nullable The serial number of this hardware item. Typically applies to a virtualisation server or physical machine.

Database Column	Details
ProcessorType	Type: text (max 256 characters). Nullable The processor type of this hardware item.
MaxClockSpeed	Type: integer. Nullable The maximum clock speed of this hardware item.
PurchaseDate	Type: datetime. Nullable The date this hardware item was purchased on, if it has an associated Asset.
NumSockets	Type: integer. Nullable The number of physical CPU sockets of this hardware item.
PoolTypeID	Type: integer. Nullable The type of pool technology of this hardware item. Typically applies to resource pools. Foreign key to the VMPoolType table.
VMTypeID	Type: integer. Nullable The type of virtual machine technology of this hardware item. Typically applies to virtual machines. Foreign key to the VMType table.
OperatingSystem	Type: text (max 128 characters). Nullable The operating system running on this hardware item.
NumProcessors	Type: decimal. Nullable The number of processors available to this hardware item.
NumCores	Type: decimal. Nullable The number of cores available to this hardware item.
NumThreads	Type: integer. Nullable The number of threads available to this hardware item.
MaxNumberOfLogicalProcessors	Type: decimal. Nullable The configured maximum number of logical processors(ie, threads) for this hardware item, if applicable.
ParentLicenseSimulationHWDetailsID	Type: integer. Key. Nullable The parent hardware item of this item.
HostLicenseSimulationHWDetailsID	Type: integer. Nullable The host hardware item of this item.
ComplianceComputerID	Type: integer. Key. Nullable The actual computer record for this hardware item. Foreign key to the ComplianceComputer table.

Database Column	Details
VMLayerID	Type: integer. Key. Nullable Internal unique identifier used when populating hardware items to create a new simulation.
LicenseSimulation ChangeTypeID	Type: integer Tracks the state of the hardware item, as it gets modified by the simulation user. Foreign key to the LicenseSimulationChangeType table.
ClusterID	Type: integer. Nullable The hardware cluster to which this computer belongs, if any. Foreign key to the Cluster table.
AffinityEnabled	Type: boolean Whether this VM is locked to its current host computer.
CoreAffinity	Type: text (max 256 characters). Nullable Contains the Core Affinity value for virtual machine
CloudServiceProviderID	Type: integer. Key. Nullable The cloud service provider for the virtual machine

LicenseSimulationLicenseDetails Table

LicenseSimulationLicenseDetails stores properties associated with each license included in a simulation scenario. The LicenseSimulationScenario associated with each record could be an original snapshot of data, or a user modifiable scenario.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 373: Database columns for LicenseSimulationLicenseDetails table

Database Column	Details
LicenseSimulation LicenseDetailsID	Type: integer. Key. Generated ID A unique identifier for a license item that is part of a simulation scenario.
OriginalLicense SimulationLicense DetailsID	Type: integer. Key. Nullable The original version of this license, that has not been modified by a simulation user.

Database Column	Details
LicenseSimulation ScenarioID	<i>Type:</i> integer. Key The simulation scenario this software license is part of. Foreign key to the LicenseSimulationScenario table.
SoftwareLicenseID	<i>Type:</i> integer. Key The software license for this simulation license. Foreign key to the SoftwareLicense table.
UnitPrice	<i>Type:</i> currency. Nullable The unit price associated with this license.
UnitPriceRateID	<i>Type:</i> integer. Nullable The rate for the total value. Foreign key to the CurrencyRate table.
LicenseSimulation ChangeTypeID	<i>Type:</i> integer Tracks the state of the software license, as it gets modified by the simulation user. Foreign key to the LicenseSimulationChangeType table.

LicenseSimulationResults Table

LicenseSimulationResults stores points consumed by each item in a simulation scenario against each license included in the simulation scenario.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 374: Database columns for LicenseSimulationResults table

Database Column	Details
LicenseSimulationHW DetailsID	<i>Type:</i> integer. Key The hardware item for this license simulation result. Foreign key to the LicenseSimulationHWDetails table.
LicenseSimulation ScenarioID	<i>Type:</i> integer. Key The scenario for this license simulation result. Foreign key to the LicenseSimulationScenario table.
SoftwareLicenseID	<i>Type:</i> integer. Key The software license for this license simulation result. Foreign key to the SoftwareLicense table.

Database Column	Details
InstalledCount	<i>Type:</i> decimal The number of processors/cores on which a software title licensed by the license is installed.
UsedCount	<i>Type:</i> decimal The number of processors/cores on which a software title licensed by the license is used.
CapacityCount	<i>Type:</i> decimal The number of processors/cores that apply to a software license under full capacity counting rules.
IsCapped	<i>Type:</i> boolean Does this layer implement hard partitioning for this license?
PointsFactor	<i>Type:</i> decimal The number of points consumed per processor/core on this computer for this license.
PointsConsumed	<i>Type:</i> decimal. Nullable The number of processor/core points required to cover the above InstalledCount.
PointsUsed	<i>Type:</i> decimal. Nullable The number of processor/core points required to cover the above UsedCount.
CapacityPointsConsumed	<i>Type:</i> decimal. Nullable The number of processor/core points required to cover the above CapacityCount.
PointsCalculated	<i>Type:</i> decimal The number of calculated points this installation consumes.
Overridden	<i>Type:</i> boolean Is this simulation result derived from an overridden consumption via allocation.

LicenseSimulationRowType Table

LicenseSimulationRowType is a static table listing all types of rows that can be displayed in the Simulation UI. Entries in the LicenseSimulationSwDetails table are assumed to be type 4 (Software installation)

Table 375: Database columns for LicenseSimulationRowType table

Database Column	Details
LicenseSimulationRowTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each LicenseSimulationRowType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Host • 2 = Shared pool • 3 = Virtual Machine • 4 = Software installation • 5 = Physical machine.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing the type of a row in a license simulation. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

LicenseSimulationSWDetails Table

LicenseSimulationSWDetails stores a complete snapshot of software data for simulations. The LicenseSimulationHWDetails record associated with each LicenseSimulationSWDetails record could be part of an original snapshot of data, or a user modifiable scenario.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 376: Database columns for LicenseSimulationSWDetails table

Database Column	Details
LicenseSimulationSWDetailsID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for a software installation that is part of a simulation scenario.</p>
LicenseSimulationHWDetailsID	<p><i>Type:</i> integer. Key</p> <p>The hardware item that this software title is installed on. Foreign key to the LicenseSimulationHWDetails table.</p>

Database Column	Details
LicenseSimulationScenarioID	Type: integer. Key The simulation scenario this software installation is part of. Foreign key to the LicenseSimulationScenario table.
OriginalLicenseSimulationSWDetailsID	Type: integer. Key. Nullable The original version of this software installation, that has not been modified by a simulation user.
Name	Type: text (max 512 characters) The friendly name of this software installation.
SoftwareTitleID	Type: integer. Key The software title that is installed here. Foreign key to the SoftwareTitle table.
SoftwareLicenseID	Type: integer. Key The software license that this install is assigned to. Foreign key to the SoftwareLicense table.
LicenseSimulationChangeTypeID	Type: integer Tracks the state of the software installation, as it gets modified by the simulation user. Foreign key to the LicenseSimulationChangeType table.
IsUsed	Type: boolean Set this field to True if the software title is installed according to usage thresholds in the SoftwareTitle table.

LicenseSimulationScenario Table

A LicenseSimulationScenario is a set of hardware and software inventory details that are recorded at a particular point in time. A scenario can be modified by the user for the purposes of simulation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 377: Database columns for LicenseSimulationScenario table

Database Column	Details
LicenseSimulationScenarioID	Type: integer. Key. Generated ID Unique ID for the LicenseSimulationScenario table.
OriginalLicenseSimulationScenarioID	Type: integer. Key. Nullable The original (unmodified) scenario that a user-modifiable scenario was based on

LicenseStatus Table

LicenseStatus is a static table storing the collection of possible license states.

Table 378: Database columns for LicenseStatus table

Database Column	Details
LicenseStatusID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each LicenseStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Active • 2 = Retired • 3 = In Stock • 4 = Purchased • 5 = Received.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a license status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

NewFileEvidence Table

NewFileEvidence identifies files used as evidence that an application (defined in the SoftwareTitle table) has been installed on a computer. File evidence may have wildcards, so each record in this table should be considered a rule, which one or more physical files on a computer may match.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 379: Database columns for NewFileEvidence table

Database Column	Details
FileEvidenceID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a file evidence record.</p>
FileEvidenceFileID	<p>Type: integer. Key</p> <p>The file name. Foreign key to the FileEvidenceFile table.</p>

Database Column	Details
FileEvidenceCompanyID	<p>Type: integer. Key</p> <p>The company publishing the software. Foreign key to the FileEvidenceCompany table.</p>
FileEvidencePathID	<p>Type: integer. Key. Nullable</p> <p>The file path where the file was located. Foreign key to the FileEvidencePath table.</p>
FileEvidenceLanguageID	<p>Type: integer. Key. Nullable</p> <p>The language identified in the file header. Foreign key to the FileEvidenceLanguage table.</p>
FileVersion	<p>Type: text (max 100 characters). Key</p> <p>The version number of the file used as evidence of software installation.</p>
ProductName	<p>Type: text (max 200 characters). Nullable</p> <p>The product name in the file header.</p>
ProductVersion	<p>Type: text (max 200 characters). Nullable</p> <p>The product version number in the file header.</p>
Description	<p>Type: text (max 200 characters). Key</p> <p>The description in the file header.</p>
FileSize	<p>Type: integer. Key. Nullable</p> <p>The size of the file.</p>
OperatorManageStateID	<p>Type: integer. Key</p> <p>The management responsibility for this information. Foreign key to the OperatorManageState table.</p>
Ignored	<p>Type: boolean</p> <p>Set this field to True to indicate that this file evidence is ignored for application recognition.</p>
IsShared	<p>Type: boolean</p>

OracleLegacyLicenseType Table

OracleLegacyLicenseType lists some of the legacy Oracle license types.

Table 380: Database columns for OracleLegacyLicenseType table

Database Column	Details
OracleLegacyLicenseTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each OracleLegacyLicenseType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Named User • 2 = Named User Network license • 3 = Named User Single Server • 4 = Named User Multi Server • 5 = Concurrent Device • 6 = Concurrent Device Network License • 7 = UPU • 8 = Developer • 9 = Developer Network License • 10 = Concurrent User • 11 = Concurrent User Network License • 12 = Application Specific Full User Licensing • 13 = Embedded Software License • 14 = Site.
OracleLegacyLicenseTypeResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an Oracle legacy license type. Foreign key to the ComplianceResourceString table.</p>
OracleLegacyLicenseTypeDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

PODetailProcess Table

PODetailProcess records the processing steps taken when applying upgrades to software installations. The newly-purchased upgrade license is linked here to the original license being upgraded.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 381: Database columns for PODetailProcess table

Database Column	Details
PurchaseOrderDetailID	<i>Type:</i> integer. Key The purchase order line that defines this upgrade. Foreign key to the PurchaseOrderDetail table.
FromSoftwareLicenseID	<i>Type:</i> integer. Key. Nullable The original software license to which an upgrade is being applied. Foreign key to the SoftwareLicense table.
ToSoftwareLicenseID	<i>Type:</i> integer. Key. Nullable The upgrade license referenced in the PO line and permitting the installation of the software upgrade. Foreign key to the SoftwareLicense table.
ProcessActionID	<i>Type:</i> integer The processing action taken with respect to this upgrade. Defaults to Defer. Foreign key to the ProcessAction table.
ProcessStateID	<i>Type:</i> integer. Key The resulting process state of the upgrade. Foreign key to the ProcessState table.
CreationDate	<i>Type:</i> datetime The date this record was created.

PVUSoftwareLicenseProcessorData Table

This serves as an intermediate table during PVU reconciliation process to store the number of processors (or cores) on which licensed software is installed and used for each computer, and the calculated points.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 382: Database columns for PVUSoftwareLicenseProcessorData table

Database Column	Details
ComplianceComputerID	<i>Type:</i> integer. Key. Nullable The host computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	<i>Type:</i> integer. Key The license being assessed. Foreign key to the SoftwareLicense table.

Database Column	Details
PVUVirtualMachineLayerID	<i>Type:</i> integer. Key. Nullable The virtual machine layer under examination. Foreign key to the ReconcileVirtualMachineLayer table.
IsHost	<i>Type:</i> boolean. Key Does this refer to the top layer for this host?
IsCapped	<i>Type:</i> boolean Does this layer implement hard partitioning for this license?
InstalledCount	<i>Type:</i> decimal The number of processors/cores on which a software title licensed by the license is installed.
UsedCount	<i>Type:</i> decimal The number of processors/cores on which a software title licensed by the license is used.
CapacityCount	<i>Type:</i> decimal The number of processors/cores that apply to a software title licensed by the license under full capacity counting rules.
PointsFactor	<i>Type:</i> decimal The number of points consumed per processor/core on this computer.
InstalledPoints	<i>Type:</i> integer The number of processor/core points required to cover the above InstalledCount.
UsedPoints	<i>Type:</i> integer The number of processor/core points required to cover the above UsedCount.
CapacityPoints	<i>Type:</i> integer The number of processor/core points required to cover the above CapacityCount.
CalculatedConsumption	<i>Type:</i> integer The calculated consumption value for this license assignment before exemptions or overrides are considered.
Overridden	<i>Type:</i> boolean Whether this consumption value was the result of an override.

PVUVirtualMachineLayer Table

This serves as an intermediate table during PVU reconciliation process to store virtual machines, pools and hosts in a generalized tree structure.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 383: Database columns for PVUVirtualMachineLayer table

Database Column	Details
PVUVirtualMachineLayerID	<i>Type:</i> integer. Key A unique identifier for a hardware item that is part of a simulation scenario.
FNMPComputerUID	<i>Type:</i> unique identifier. Key. Nullable The unique identifier generated for the computer from the IM database. This property should only be populated by the ManageSoft inventory adapter.
ParentPVUVirtualMachineLayerID	<i>Type:</i> integer. Key. Nullable The parent hardware item of this item. Foreign key to the PVUVirtualMachineLayer table.
HostPVUVirtualMachineLayerID	<i>Type:</i> integer. Key. Nullable The host hardware item of this item. Foreign key to the PVUVirtualMachineLayer table.
ComplianceComputerID	<i>Type:</i> integer. Key. Nullable The actual computer record for this hardware item. Foreign key to the ComplianceComputer table.
HostComplianceComputerID	<i>Type:</i> integer. Key. Nullable The actual host computer record for this hardware item. Foreign key to the ComplianceComputer table.
ExternalID	<i>Type:</i> integer. Key. Nullable The identifier used in the source connection for the end-user.
PoolTypeID	<i>Type:</i> integer. Nullable The type of pool technology of this hardware item. Typically applies to resource pools. Foreign key to the VMPoolType table.
VMTypeID	<i>Type:</i> integer. Nullable The type of virtual machine technology of this hardware item. Typically applies to virtual machines. Foreign key to the VMType table.
VMPoolID	<i>Type:</i> integer. Nullable The resource pool that the virtual machine belongs to. Foreign key to the VMPool table.
VirtualMachineID	<i>Type:</i> integer. Nullable The identifier of this virtual machine. Foreign key to the VirtualMachine table.

Database Column	Details
ParentVMPoolID	<p>Type: integer. Nullable</p> <p>The identifier of the parent VM pool of this pool. Foreign key to the VMPool table.</p>
ClusterID	<p>Type: integer. Nullable</p> <p>The hardware cluster to which this computer belongs, if any. Foreign key to the Cluster table.</p>
Name	<p>Type: text (max 256 characters). Nullable</p> <p>The friendly name for this hardware item.</p>
LicenseSimulationRowTypeID	<p>Type: integer</p> <p>The type of hardware for this item.</p>
Manufacturer	<p>Type: text (max 128 characters). Nullable</p> <p>The manufacturer of this hardware item. Typically applies to a virtualisation server.</p>
ModelNo	<p>Type: text (max 128 characters). Nullable</p> <p>The model number of this hardware item. Typically applies to a virtualisation server.</p>
ChassisNumber	<p>Type: text (max 128 characters). Nullable</p> <p>The chassis number of this hardware item. Typically applies to a virtualisation server.</p>
SerialNo	<p>Type: text (max 100 characters). Nullable</p> <p>The serial number of this hardware item. Typically applies to a virtualisation server or physical machine.</p>
ProcessorType	<p>Type: text (max 256 characters). Nullable</p> <p>The processor type of this hardware item.</p>
MaxClockSpeed	<p>Type: integer. Nullable</p> <p>The maximum clock speed of this hardware item.</p>
PartialNumberOfProcessors	<p>Type: decimal. Nullable</p> <p>The fractional processor count available to this layer.</p>
PurchaseDate	<p>Type: datetime. Nullable</p> <p>The date this hardware item was purchased on, if it has an associated Asset.</p>
NumSockets	<p>Type: integer. Nullable</p> <p>The number of physical CPU sockets of this hardware item.</p>
OperatingSystem	<p>Type: text (max 128 characters). Nullable</p> <p>The operating system running on this hardware item.</p>

Database Column	Details
NumProcessors	<i>Type:</i> decimal. Nullable The number of processors available to this hardware item.
NumCores	<i>Type:</i> decimal. Nullable The number of cores available to this hardware item.
NumThreads	<i>Type:</i> integer. Nullable The number of threads available to this hardware item.
MaxNumberOfLogicalProcessors	<i>Type:</i> decimal. Nullable The configured maximum number of logical processors(ie, threads) for this hardware item, if applicable.
AffinityEnabled	<i>Type:</i> boolean Whether this VM is locked to its current host computer.
CoreAffinity	<i>Type:</i> text (max 256 characters). Nullable Contains the Core Affinity value for virtual machine
IsFlexNetInventory	<i>Type:</i> boolean. Nullable Whether this VM inventory was obtained from the FlexNet Manager agent.

PeriodType Table

PeriodType is a static table holding a collection of supported time periods to indicate the frequency of license charge-backs.

Table 384: Database columns for PeriodType table

Database Column	Details
PeriodTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each PeriodType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = None • 2 = Weekly • 3 = Monthly • 4 = Quarterly • 5 = Yearly • 6 = Lump Sum.

Database Column	Details
PeriodTypeResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a period type. Foreign key to the ComplianceResourceString table.
PeriodTypeDefaultValue	Type: text (max 100 characters) The text to display if the type resource string has no translation.

ProcessAction Table

ProcessAction is a static table holding a collection of possible actions that can be applied while processing a SKU, with a special focus on processing software license upgrades.

Table 385: Database columns for ProcessAction table

Database Column	Details
ProcessActionID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ProcessAction. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Link to existing license • 2 = Create new from SKU • 3 = Create new from PO line • 4 = Upgrade license: Link to existing license and upgrade from existing license • 5 = Upgrade license: Link to existing license and select upgrade from license • 6 = Upgrade license: Link to new license created from SKU and select upgrade from license • 7 = Remove from list • 8 = Upgrade license: Link to new license created from PO line and select upgrade from license • 9 = Create new from SKU with fixed maintenance • 10 = Create new from PO line with fixed maintenance • 11 = Create new from SKU with unlimited maintenance • 12 = Create new from PO line with unlimited maintenance • 13 = Create new from SKU with maintenance from contract • 14 = Create new from PO line with maintenance from contract • 15 = Apply contract maintenance to an existing license • 16 = Apply fixed maintenance to an existing license • 17 = Apply unlimited maintenance to an existing license • 18 = Apply contract maintenance to an existing license by SKU • 19 = Apply fixed maintenance to an existing license by SKU • 20 = Apply unlimited maintenance to an existing license by SKU • 21 = Apply contract maintenance to a non-existent license for SKU • 22 = Apply fixed maintenance to a non-existent license for SKU • 23 = Apply unlimited maintenance to a non-existent license for SKU • 24 = Upgrade license: Link to existing license and upgrade from existing license with contract maintenance

Database Column	Details
	<ul style="list-style-type: none"> • 25 = Upgrade license: Link to existing license and upgrade from existing license with fixed maintenance • 26 = Upgrade license: Link to existing license and upgrade from existing license with unlimited maintenance • 27 = Upgrade license: Link to existing license and select upgrade from license with contract maintenance • 28 = Upgrade license: Link to existing license and select upgrade from license with fixed maintenance • 29 = Upgrade license: Link to existing license and select upgrade from license with unlimited maintenance • 30 = Upgrade license: Link to new license created from SKU and select upgrade from license with contract maintenance • 31 = Upgrade license: Link to new license created from SKU and select upgrade from license with fixed maintenance • 32 = Upgrade license: Link to new license created from SKU and select upgrade from license with unlimited maintenance • 33 = Upgrade license: Link to new license created from PO line and select upgrade from license with contract maintenance • 34 = Upgrade license: Link to new license created from PO line and select upgrade from license with fixed maintenance • 35 = Upgrade license: Link to new license created from PO line and select upgrade from license with unlimited maintenance • 36 = Apply maintenance to a contract • 37 = No recommendation • 38 = Create a new license • 39 = Create a new license with a maintenance contract • 40 = Create a new license with fixed maintenance • 41 = Create a new license with unlimited maintenance • 42 = Add entitlements to a license • 43 = Add entitlements to a license with a maintenance contract • 44 = Add entitlements to a license with fixed maintenance • 45 = Add entitlements to a license with unlimited maintenance

Database Column	Details
	<ul style="list-style-type: none"> • 46 = Upgrade to a new license • 47 = Upgrade to a new license with a maintenance contract • 48 = Upgrade to a new license with fixed maintenance • 49 = Upgrade to a new license with unlimited maintenance • 50 = Upgrade to an existing license • 51 = Upgrade to an existing license with a maintenance contract • 52 = Upgrade to an existing license with fixed maintenance • 53 = Upgrade to an existing license with unlimited maintenance • 54 = Apply maintenance from a contract to an existing license • 55 = Apply fixed maintenance to an existing license • 56 = Apply unlimited maintenance to an existing license
ProcessActionResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an action. Foreign key to the ComplianceResourceString table.</p>
ProcessActionDefaultValue	<p>Type: text (max 256 characters)</p> <p>The text to display if the action resource string has no translation.</p>

ProcessState Table

ProcessState is a static table holding the collection of processing states that a purchase order line containing a SKU can be left in.

Table 386: Database columns for ProcessState table

Database Column	Details
ProcessStateID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each ProcessState. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Unprocessed • 2 = Processed • 3 = Deferred • 4 = Discarded.

Database Column	Details
ProcessStateResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a processing state. Foreign key to the ComplianceResourceString table.
ProcessStateDefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

ReconcileAccdSWDevAsgnReasons Table

ReconcileAccdSWDevAsgnReasons lists all license assignments attempted for client access of an application during an execution of license reconcile for the device.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 387: Database columns for ReconcileAccdSWDevAsgnReasons table

Database Column	Details
AccessingDeviceID	Type: integer. Key. Nullable The accessing device under examination. Foreign key to the AccessingDevice table.
ComplianceComputerID	Type: integer. Key. Nullable The compliance computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
MultiProductLicensePhase	Type: boolean This field is set to True when this installation is licensed during the multi-product license phase of license reconcile.
Order	Type: integer The order this license was attempted to be assigned to this installation.
LAConsReasonID	Type: integer. Key. Nullable How many of the points consumed are for installations actually being used.
LicenseAssignment FailureReasonID	Type: integer. Nullable How many of the points consumed are for installations actually being used.

Database Column	Details
AddedBySQLPhase	<p>Type: boolean</p> <p>Specifies whether the licence allocation was done by SQL or C# code. This is an internal field that can be used when troubleshooting license assignments.</p>

ReconcileAccdSWUsrAsgnReasons Table

ReconcileAccdSWUsrAsgnReasons lists all license assignments attempted for client access of an application during an execution of license reconcile for the user.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 388: Database columns for ReconcileAccdSWUsrAsgnReasons table

Database Column	Details
AccessingUserID	<p>Type: integer. Key. Nullable</p> <p>The accessing device under examination. Foreign key to the AccessingDevice table.</p>
ComplianceUserID	<p>Type: integer. Key</p> <p>The compliance computer under examination. Foreign key to the ComplianceComputer table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The license being assessed. Foreign key to the SoftwareLicense table.</p>
MultiProductLicensePhase	<p>Type: boolean</p> <p>This field is set to True when this installation is licensed during the multi-product license phase of license reconcile.</p>
Order	<p>Type: integer</p> <p>The order this license was attempted to be assigned to this installation.</p>
LAConsReasonID	<p>Type: integer. Key. Nullable</p> <p>How many of the points consumed are for installations actually being used.</p>
LicenseAssignment FailureReasonID	<p>Type: integer. Nullable</p> <p>How many of the points consumed are for installations actually being used.</p>
AddedBySQLPhase	<p>Type: boolean</p> <p>Specifies whether the licence allocation was done by SQL or C# code. This is an internal field that can be used when troubleshooting license assignments.</p>

ReconcileAccessedSoftwareData Table

A list of all the accesses of an application, or item of software (as defined in the SoftwareTitle table).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 389: Database columns for ReconcileAccessedSoftwareData table

Database Column	Details
AccessedSoftwareID	Type: big integer. Key A unique identifier for an accessed software record.
ServerComputerID	Type: integer. Key The server computer on which the software is available. Foreign key to the ComplianceComputer table.
AccessingUserID	Type: integer. Key. Nullable The user who accessed the software. Foreign key to the AccessingUser table.
ComplianceUserID	Type: integer. Nullable The compliance user who accessed the software. Foreign key to the ComplianceUser table.
AccessingDeviceID	Type: integer. Key. Nullable The device from which the software is accessed. Foreign key to the AccessingDevice table.
ComplianceComputerID	Type: integer. Nullable The compliance computer from which the software is accessed. Foreign key to the ComplianceComputer table.
SoftwareTitleID	Type: integer. Key The software that is accessed. Foreign key to the SoftwareTitle table.
IsUsed	Type: boolean Set this field to True if the software title is accessed according to usage thresholds in the SoftwareTitle table.
SoftwareLicenseID	Type: integer. Key. Nullable The link to the license this access has been counted against. Foreign key to the SoftwareLicense table.

Database Column	Details
SoftwareLicenseAllocationID	<i>Type:</i> integer. Key. Nullable The link to the license allocation this access has consumed. Foreign key to the SoftwareLicenseAllocation table.
IsLicensed	<i>Type:</i> boolean Set this field to True when this access is licensed.
PointsUsed	<i>Type:</i> integer. Nullable The number of this accesses consumed on license.
LastUsedDate	<i>Type:</i> datetime. Nullable The last used date of the application by client.
PointsCalculated	<i>Type:</i> integer The number of calculated points this installation consumes.

ReconcileInstalledSoftwareData Table

A list of all the installations of an application, or item of software (as defined in the SoftwareTitle table).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 390: Database columns for ReconcileInstalledSoftwareData table

Database Column	Details
InstalledSoftwareID	<i>Type:</i> integer. Key. Nullable A unique identifier for an installed software record. In case of allocation without installation, this would be negative. For temporal installation, this would be NULL.
ComplianceComputerID	<i>Type:</i> integer. Key The computer on which the software is installed. Foreign key to the ComplianceComputer table.
SoftwareTitleID	<i>Type:</i> integer. Key The software that is installed. Foreign key to the SoftwareTitle table.
IsUsed	<i>Type:</i> boolean. Key Set this field to True if the software title is installed according to usage thresholds in the SoftwareTitle table.

Database Column	Details
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable The link to the license this install has been counted against. Foreign key to the SoftwareLicense table.
SoftwareLicenseAllocationID	<i>Type:</i> integer. Key. Nullable The link to the license allocation this installation has consumed. Foreign key to the SoftwareLicenseAllocation table.
IsLicensed	<i>Type:</i> boolean Set this field to True when this installation is licensed.
PointsUsed	<i>Type:</i> integer. Nullable The number of points this installation consumes on a points-based license.
RawPointsUsed	<i>Type:</i> integer. Nullable The number of points this installation consumes on a points-based license before exemptions are considered.
AccessModeID	<i>Type:</i> integer. Key The access mode that indicates why this computer was associated with this software title.
LastUsedDate	<i>Type:</i> datetime. Nullable The date of the installed software was last used.
PointsCalculated	<i>Type:</i> integer The number of calculated points this installation consumes.

ReconcileInstalledSoftwareUsageData Table

This is a staging table for InstalledSoftwareUsage that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 391: Database columns for ReconcileInstalledSoftwareUsageData table

Database Column	Details
ComplianceUserID	<i>Type:</i> integer. Key. Nullable The end-user using the application. Foreign key to the ComplianceUser table.

Database Column	Details
SoftwareLicenseID	<i>Type:</i> integer. Nullable The license that covers this installation. Foreign key to the SoftwareLicense table.
SoftwareLicenseAllocationID	<i>Type:</i> integer. Key. Nullable A link to any individual allocation that this installation consumes. Foreign key to the SoftwareLicenseAllocation table.
IsLicensed	<i>Type:</i> boolean Set this field to True if this usage is licensed.
UsageSessions	<i>Type:</i> integer The number of sessions for (or times that the application was used by) this end-user on this computer.
UsageActiveTime	<i>Type:</i> integer The amount of time this application was in active use (in the foreground) for this end-user on this computer.
ComplianceComputerID	<i>Type:</i> integer. Key The application. Foreign key to the ComplianceComputer table.
SoftwareTitleID	<i>Type:</i> integer. Key The application. Foreign key to the SoftwareTitle table.
LastUsedDate	<i>Type:</i> datetime. Nullable The last used date of the application.
AccessModeID	<i>Type:</i> integer. Key The date that the installed software was last used.

ReconcileInstStdSWAssignmentReasons Table

ReconcileInstStdSWAssignReasons lists all license assignments attempted for an installation of an application during an execution of license reconcile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 392: Database columns for ReconcileInstStdSWAssignmentReasons table

Database Column	Details
InstalledSoftwareID	<p>Type: integer. Key</p> <p>The link to the installed software record a license assignment was attempted for. Foreign key to the InstalledSoftware table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The link to the license this install has been counted against. Foreign key to the SoftwareLicense table.</p>
ComplianceUserID	<p>Type: integer. Key. Nullable</p> <p>The link to the user this install has been counted against. Foreign key to the ComplianceUser table.</p>
MultiProductLicensePhase	<p>Type: boolean</p> <p>This field is set to True when this installation is licensed during the multi-product license phase of license reconcile.</p>
Order	<p>Type: integer</p> <p>The order this license was attempted to be assigned to this installation.</p>
LicenseAssignmentFailureReasonID	<p>Type: integer. Nullable</p> <p>The reason this installation could not be assigned to this license. Foreign key to the LicenseAssignmentFailureReason table.</p>
LAConsReasonID	<p>Type: integer. Key. Nullable</p> <p>The reason this installation consumed entitlements from this license. Foreign key to the LicenseAssignmentConsumptionReason table.</p>
FirstAvailable	<p>Type: boolean</p> <p>Whether this license was the first available to be assigned to this installation regardless of purchases.</p>
RequestedValue	<p>Type: text (max 256 characters). Nullable</p> <p>The requested value for this installation on this license.</p>
AvailableValue	<p>Type: text (max 256 characters). Nullable</p> <p>The available value for this installation on this license.</p>
AddedBySQLPhase	<p>Type: boolean</p> <p>Specifies whether the license allocation was done by SQL or C# code. This is an internal field that can be used when troubleshooting license assignments.</p>

ReconcileInterestingBundleAccessComputer Table

A list of all computers with bundlable accesses for licenses that are interesting to the current execution of license reconcile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 393: Database columns for ReconcileInterestingBundleAccessComputer table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The unique identifier for a bundle software license that is interesting to an execution of reconcile.
AccessingDeviceID	Type: integer. Key. Nullable The unique identifier for a accessing device that could consume a bundle software license that is interesting to an execution of reconcile.
AccessingUserID	Type: integer. Key. Nullable The unique identifier of the accessing user that could consume a bundle software license that is interesting to an execution of reconcile.
ComplianceComputerID	Type: integer. Key. Nullable The unique identifier for a computer that could consume a bundle software license that is interesting to an execution of reconcile.
ComplianceUserID	Type: integer. Key. Nullable The unique identifier of the primary user for a computer that could consume a bundle software license that is interesting to an execution of reconcile.
NumProducts	Type: integer The number of products covered by this license that are accessed on this computer.

ReconcileInterestingBundleInstallComputer Table

A list of all computers with bundlable installs for licenses that are interesting to the current execution of license reconcile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 394: Database columns for ReconcileInterestingBundleInstallComputer table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The unique identifier for a bundle software license that is interesting to an execution of reconcile.
ComplianceComputerID	Type: integer. Key The unique identifier for a computer that could consume a bundle software license that is interesting to an execution of reconcile.
ComplianceUserID	Type: integer. Key. Nullable The unique identifier of the primary user for a computer that could consume a bundle software license that is interesting to an execution of reconcile.
NumProducts	Type: integer The number of products covered by this license that are installed on this computer.

ReconcileInterestingLicenses Table

A list of all licenses that are interesting to the current execution of license reconcile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 395: Database columns for ReconcileInterestingLicenses table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The unique identifier for a software license that is interesting to an execution of reconcile.

ReconcileInterestingTitles Table

A list of all titles that are interesting to the current execution of license reconcile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 396: Database columns for ReconcileInterestingTitles table

Database Column	Details
SoftwareTitleID	<p>Type: integer. Key</p> <p>The unique identifier for a software title that is interesting to an execution of reconcile.</p>

ReconcileSoftwareAccessDeviceLicensePointsConsumedData Table

This is a staging table for SoftwareAccessDeviceLicensePointsConsumed that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 397: Database columns for ReconcileSoftwareAccessDeviceLicensePointsConsumedData table

Database Column	Details
AccessingDeviceID	<p>Type: integer. Key. Nullable</p> <p>The accessing device under examination. Foreign key to the AccessingDevice table.</p>
ComplianceComputerID	<p>Type: integer. Key. Nullable</p> <p>The compliance computer under examination. Foreign key to the ComplianceComputer table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The license being assessed. Foreign key to the SoftwareLicense table.</p>
LicensesUsed	<p>Type: integer</p> <p>How many of the points consumed are for installations actually being used.</p>
CalculatedConsumption	<p>Type: integer</p> <p>The calculated consumption value for this license assignment before exemptions or overrides are considered.</p>

ReconcileSoftwareAccessUserLicensePointsConsumedData Table

This is a staging table for SoftwareAccessUserLicensePointsConsumed that is used during license reconciliation

process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 398: Database columns for ReconcileSoftwareAccessUserLicensePointsConsumedData table

Database Column	Details
AccessingUserID	Type: integer. Key. Nullable The accessing user under examination. Foreign key to the AccessingUser table.
ComplianceUserID	Type: integer. Key. Nullable The Compliance user under examination. Foreign key to the ComplianceUser table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
LicensesUsed	Type: integer How many of the points consumed are for installations actually being used.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.

ReconcileSoftwareLicenseComputerProblem Table

ReconcileSoftwareLicenseComputerProblem is a license reconciliation staging table for the SoftwareLicenseComputerProblemData table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 399: Database columns for ReconcileSoftwareLicenseComputerProblem table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The software license. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key The computer consuming license entitlements. Foreign key to the ComplianceComputer table.

Database Column	Details
SoftwareLicense	Type: integer
ComputerProblemTypeID	The type of problem this computer's inventory causes for a given license. For example, core-based licenses require accurate inventory of processor core counts to determine their compliance status. Foreign key to the SoftwareLicenseComputerProblemType table.

ReconcileSoftwareLicenseCoresConsumedData Table

This is a staging table for SoftwareLicenseCoresConsumedData that stores values calculated by license reconciliation. The main table is populated at the end of license reconciliation by a single bulk update.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 400: Database columns for ReconcileSoftwareLicenseCoresConsumedData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
CoresConsumed	Type: integer The number of cores that have contributed to license point consumption for the license on the computer.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.

ReconcileSoftwareLicenseGroupPointsConsumedData Table

This serves as a staging table for SoftwareLicenseGroupPointsConsumed during reconciliation process.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 401: Database columns for ReconcileSoftwareLicenseGroupPointsConsumedData table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The license that owns the pre-calculated totals for a group. Foreign key to the SoftwareLicense table.
GroupTypeID	Type: integer. Key Type of the group(Location, Cost center, etc)
GroupExID	Type: text (max 128 characters). Key. Nullable The group where the local and rolledup values are calculated. Foreign key to the GroupEx table.
RolledUpNumberConsumed	Type: integer The sum of points consumed of the current group and of all its child groups.
LocalNumberConsumed	Type: integer The sum of points consumed of the current group
RolledUpNumberUsed	Type: integer The sum of used points of the current group and of all its child groups.
LocalNumberUsed	Type: integer The sum of used points of the current group
RolledUpNumberPurchased	Type: integer The rolled up purchase counts of the license.
LocalNumberPurchased	Type: integer The local purchase counts of the license
RolledUpNumberCalculated	Type: integer The sum of points calculated for the current group and of all its child groups.
LocalNumberCalculated	Type: integer The sum of points calculated for the current group.

ReconcileSoftwareLicenseILMTPointsConsumedData Table

This is a staging table for SoftwareLicenseILMTPointsConsumed that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 402: Database columns for ReconcileSoftwareLicenseILMTPointsConsumedData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
CoreCount	Type: integer The number of licensable cores for the license on the computer.
PVUCount	Type: integer The number of PVU counts consumed for the license on the computer.
PeakPVUCount	Type: integer The number of PVU counts consumed for the license on the computer at the time where the peak for this license occurred.
ProductCount	Type: integer The number of products that are consuming same license.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.

ReconcileSoftwareLicensePointsConsumedData Table

This is a staging table for SoftwareLicensePointsConsumed that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 403: Database columns for ReconcileSoftwareLicensePointsConsumedData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
LicensesConsumed	Type: integer The number of entitlements (or points) consumed for the license on the computer.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.
LicensesUsed	Type: integer How many of the points consumed are for installations actually being used.

ReconcileSoftwareLicensePointsConsumedReason Table

This is a staging table for SoftwareLicensePointsConsumedReasonData that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 404: Database columns for ReconcileSoftwareLicensePointsConsumedReason table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.

Database Column	Details
ReasonTypeID	<p>Type: integer. Key</p> <p>The reason for the points to be consumed here. Foreign key to the SoftwareLicensePointsConsumedReasonType table.</p>

ReconcileSoftwareLicenseProcessorData Table

This serves as an intermediate table during reconciliation process to store the number of processors (or cores) on which licensed software is installed and used for each computer, and the calculated points.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 405: Database columns for ReconcileSoftwareLicenseProcessorData table

Database Column	Details
ComplianceComputerID	<p>Type: integer. Key</p> <p>The host computer under examination. Foreign key to the ComplianceComputer table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The license being assessed. Foreign key to the SoftwareLicense table.</p>
VMLayerID	<p>Type: integer. Key. Nullable</p> <p>The virtual machine layer under examination. Foreign key to the ReconcileVirtualMachineLayer table.</p>
IsHost	<p>Type: boolean. Key</p> <p>Does this refer to the top layer for this host?</p>
IsCapped	<p>Type: boolean</p> <p>Does this layer implement hard partitioning for this license?</p>
InstalledCount	<p>Type: decimal</p> <p>The number of processors/cores on which a software title licensed by the license is installed.</p>
UsedCount	<p>Type: decimal</p> <p>The number of processors/cores on which a software title licensed by the license is used.</p>
CapacityCount	<p>Type: decimal</p> <p>The number of processors/cores that apply to a software title licensed by the license under full capacity counting rules.</p>

Database Column	Details
PointsFactor	Type: decimal The number of points consumed per processor/core on this computer.
InstalledPoints	Type: integer The number of processor/core points required to cover the above InstalledCount.
UsedPoints	Type: integer The number of processor/core points required to cover the above UsedCount.
CapacityPoints	Type: integer The number of processor/core points required to cover the above CapacityCount.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.
Overridden	Type: boolean Whether this consumption value was the result of an override.

ReconcileSoftwareLicenseSecondUseMappingData Table

This is a staging table for SoftwareLicenseSecondUseMapping that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 406: Database columns for ReconcileSoftwareLicenseSecondUseMappingData table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The license conferring the right of second use. Foreign key to the SoftwareLicense table.
DesktopComputerID	Type: integer. Key The desktop or primary computer on which the related software is installed. Foreign key to the ComplianceComputer table.

Database Column	Details
SecondUseComputerID	<p>Type: integer. Key</p> <p>The laptop or second computer covered by this license's right of second use, relative to the installation on the primary computer tracked in the previous field. Foreign key to the ComplianceComputer table.</p>
TotalLicenseGrabs	<p>Type: integer</p> <p>For internal use only. Temporary storage for calculations of overlapping second use and multiple install rights.</p>
IsExternalRoamingLink	<p>Type: boolean</p> <p>Is this a second use link or is it actually an 'external roaming' right?</p>

ReconcileSoftwareUserLicensePointsConsumedData Table

This is a staging table for SoftwareUserLicensePointsConsumed that is used during license reconciliation process, to store calculated values, and then bulk update the main table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 407: Database columns for ReconcileSoftwareUserLicensePointsConsumedData table

Database Column	Details
ComplianceUserID	<p>Type: integer. Key</p> <p>The end-user. Foreign key to the ComplianceUser table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The license. Foreign key to the SoftwareLicense table.</p>
LicensesConsumed	<p>Type: integer</p> <p>The number of points (or entitlements) consumed for the license by the end-user.</p>
LicensesUsed	<p>Type: integer</p> <p>How many of the points consumed are for installations that are actually being used.</p>
CalculatedConsumption	<p>Type: integer</p> <p>The calculated consumption value for this license assignment before exemptions or overrides are considered.</p>

Database Column	Details
LicenseMeasurementID	<p>Type: integer. Key. Nullable</p> <p>The associated SAP license measurement snapshot, where appropriate. Foreign key to the LicenseMeasurement table.</p>

ReconcileVirtualMachineLayer Table

This serves as an intermediate table during reconciliation process to store virtual machines, pools and hosts in a generalized tree structure.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 408: Database columns for ReconcileVirtualMachineLayer table

Database Column	Details
VMLayerID	<p>Type: integer. Key</p> <p>A unique identifier for a ReconcileVirtualMachineLayer.</p>
HostComplianceComputerID	<p>Type: integer. Key</p> <p>The host computer on which the layer resides, or the computer itself. Foreign key to the ComplianceComputer table.</p>
VMPoolID	<p>Type: integer. Key. Nullable</p> <p>The identifier of the virtual pool containing this VM, or the pool itself. Foreign key to the VMPool table.</p>
VMPoolTypeID	<p>Type: integer. Nullable</p> <p>The type of this VM pool. Foreign key to the VMPoolType table.</p>
VirtualMachineID	<p>Type: integer. Key. Nullable</p> <p>The identifier of this virtual machine. Foreign key to the VirtualMachine table.</p>
VMTypeID	<p>Type: integer. Nullable</p> <p>The type of this virtual machine. Foreign key to the VMType table.</p>
ParentVMPoolID	<p>Type: integer. Nullable</p> <p>The identifier of the parent VM pool of this pool. Foreign key to the VMPool table.</p>
ParentVMLayerID	<p>Type: integer. Key. Nullable</p> <p>The parent layer. Foreign key to the ReconcileVirtualMachineLayer table.</p>

Database Column	Details
ComplianceComputerID	<i>Type:</i> integer. Key. Nullable The identifier of the computer running inside this virtual machine. Foreign key to the ComplianceComputer table.
Name	<i>Type:</i> text (max 256 characters). Nullable The name of the layer (host/pool/VM).
PartialNumberOfProcessors	<i>Type:</i> decimal. Nullable The fractional processor count available to this layer.
NumberOfProcessors	<i>Type:</i> decimal. Nullable The processor count for this layer.
NumberOfCores	<i>Type:</i> decimal. Nullable The core count for this layer.
MaxNumberOfLogicalProcessors	<i>Type:</i> decimal. Nullable The maximum number of logical processors count for this layer.
NumberOfLogicalProcessors	<i>Type:</i> decimal. Nullable The thread count for this layer.
Depth	<i>Type:</i> integer. Key The number of layers between this and the host computer.

RegistryEvidence Table

Reserved for future expansion.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 409: Database columns for RegistryEvidence table

Database Column	Details
RegistryEvidenceID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a software registry evidence record.
RegistryEvidenceHiveID	<i>Type:</i> integer. Key The registry hive for the registry evidence.
RegistryEvidenceKeyID	<i>Type:</i> integer. Key The registry key for the registry evidence.

Database Column	Details
RegistryEvidenceValueID	Type: integer. Key The value of the registry evidence.
RegistryData	Type: text (max 400 characters). Key The data contained in the registry value for the registry evidence.
Ignored	Type: boolean If True this registry evidence is ignored for application recognition.
IsShared	Type: boolean

RegistryEvidenceHive Table

Reserved for future use.

Table 410: Database columns for RegistryEvidenceHive table

Database Column	Details
RegistryEvidenceHiveID	Type: integer. Key. Generated ID Unique identifier for a registry hive.
RegistryHive	Type: text (max 50 characters). Key The registry hive for the registry evidence.

RegistryEvidenceKey Table

Reserved for future use.

Table 411: Database columns for RegistryEvidenceKey table

Database Column	Details
RegistryEvidenceKeyID	Type: integer. Key. Generated ID Unique identifier for a registry key.
RegistryKey	Type: text (max 200 characters). Key The registry key for the registry evidence.

RegistryEvidenceValue Table

Reserved for future use.

Table 412: Database columns for RegistryEvidenceValue table

Database Column	Details
RegistryEvidenceValueID	Type: integer. Key. Generated ID Unique identifier for a registry value
RegistryValue	Type: text (max 50 characters). Key The registry value for the registry evidence.

RelatedInstalledInstallerEvidence Table

RelatedInstalledInstallerEvidence table holds parent-child relationship between installer evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 413: Database columns for RelatedInstalledInstallerEvidence table

Database Column	Details
RelatedInstalled InstallerEvidenceID	Type: integer. Key. Generated ID A synthetic unique identifier
ParentInstallerEvidenceID	Type: integer. Key An parent identifier for an installer evidence record. Foreign key to the InstallerEvidence table.
ParentCompliance ComputerID	Type: integer. Key An parent identifier for a computer record. Foreign key to the ComplianceComputer table.
ParentAccessModeID	Type: integer. Key The state an application was considered accessed. Foreign key to the AccessMode table.
ChildInstallerEvidenceID	Type: integer. Key An child identifier for an installer evidence record. Foreign key to the InstallerEvidence table.
ChildComplianceComputerID	Type: integer. Key An child identifier for a computer record. Foreign key to the ComplianceComputer table.

Database Column	Details
ChildAccessModeID	Type: integer. Key The state an application was considered accessed. Foreign key to the AccessMode table.
IsCharged	Type: boolean. Key The identifier used in the source connection to determine the pricing relation between parent and child installer evidence (specifies if it is charged = 1 or free = 0).
ConfidenceLevel	Type: integer. Nullable Confidence level for each bundled installer evidence (as a percentage).

RelatedInstalledInstallerEvidenceSourceMap Table

RelatedInstalledInstallerEvidenceSourceMap Maps related installed installer evidence to the evidence source type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 414: Database columns for RelatedInstalledInstallerEvidenceSourceMap table

Database Column	Details
RelatedInstalled InstallerEvidence SourceMapID	Type: integer. Key. Generated ID A synthetic unique identifier
RelatedInstalled InstallerEvidenceID	Type: integer. Key An identifier for an related installer evidence record. Foreign key to the RelatedInstalledInstallerEvidence table.
ComplianceConnectionID	Type: integer. Key The inventory source where the end-user was reported. Foreign key to the ComplianceConnection table.

RelatedInstalledSoftwareData Table

RelatedInstalledSoftware stores parent-child relationship among application installations. This is used for modelling application bundling.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 415: Database columns for RelatedInstalledSoftwareData table

Database Column	Details
RelatedInstalledSoftwareID	Type: integer. Key. Generated ID Unique identifier for this record.
ParentInstalledSoftwareID	Type: integer. Key The parent installed application. Foreign key to the InstalledSoftware table.
ChildInstalledSoftwareID	Type: integer. Key The child installed application. Foreign key to the InstalledSoftware table.
IsCharged	Type: boolean. Key The identifier used in the source connection to determine the pricing relation between parent and child installer evidence (specifies if it is charged = 1 or free = 0).
ConfidenceLevel	Type: integer. Nullable Confidence level for each bundled installer evidence (as a percentage).

SAPSoftwareLicense Table

SAPSoftwareLicense stores additional SAP-specific licensing information for SAP licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 416: Database columns for SAPSoftwareLicense table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The SAP license. Foreign key to the SoftwareLicense table.
SAPServerName	Type: text (max 256 characters). Nullable The name of the SAP server. Should match the ComputerName of the record in the ComplianceComputer table which corresponds to the computer on which SAP is installed.

Database Column	Details
SAPBaseLicenseTypeID	<p>Type: integer</p> <p>The SAP base license type, coming from the first pair of symbols in the “xx-xx-xx” license code. Foreign key to the SAPSoftwareLicenseType table.</p>
SAPSpecialVersionID	<p>Type: integer</p> <p>The SAP special version (language, country, etc.), coming from the second pair of symbols in the “xx-xx-xx” license type code. Foreign key to the SAPSoftwareLicenseType table.</p>
SAPSurchargeID	<p>Type: integer</p> <p>The SAP surcharge special version, coming from the third pair of symbols in the “xx-xx-xx” license code. Foreign key to the SAPSoftwareLicenseType table</p>
SAPLicenseCode	<p>Type: text (max 32 characters)</p> <p>The SAP license code, consisting of the license type, special version and surcharge.</p>
HasUsage	<p>Type: boolean</p> <p>Set this field to True if this license contains SAP usage/optimization information.</p>
Description	<p>Type: text (max 512 characters). Nullable</p> <p>A decription of the SAP license.</p>

SAPSoftwareLicenseType Table

SAPSoftwareLicenseType lists the SAP base license types and special versions, and is part of the full “xx-xx-xx” code.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 417: Database columns for SAPSoftwareLicenseType table

Database Column	Details
SAPSoftwareLicenseTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for this SAP base license type.</p>
LicenseCode	<p>Type: text (max 32 characters). Key</p> <p>The unique code for this license type - one of the “xx” parts of the full “xx-xx-xx” code.</p>

Database Column	Details
SAPSpecialVersionID	<p>Type: integer. Key. Nullable</p> <p>If this is a base license type, this field is NULL (and the LicenseCode comes from the first “xx” part of the full “xx-xx-xx” code). Otherwise, it is a special SAP version (the LicenseCode comes from the second or third “xx” part), and is foreign key to the SAPSpecialVersion table.</p>
DescriptionResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing the license code description. Foreign key to the ComplianceResourceString table.</p>
DescriptionDefaultValue	<p>Type: text (max 256 characters)</p> <p>The text to display if the license code resource string has no translation.</p>

SAPSpecialVersion Table

SAPSpecialVersion lists the types of special versions, indicating which part of the “xx-xx-xx” code the SAP software license type comes from.

Table 418: Database columns for SAPSpecialVersion table

Database Column	Details
SAPSpecialVersionID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SAPSpecialVersion. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Generic special version • 2 = Surcharge special version.
InternalDescription	<p>Type: text (max 50 characters)</p> <p>Internal description for developers.</p>

ServicePack Table

Table 419: Database columns for ServicePack table

Database Column	Details
ServicePackID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for an ARL published service pack.</p>

Database Column	Details
ServicePackUID	Type: integer. Key Factory generated identifier.
ServicePackNameID	Type: integer. Key Name of the service pack published by software publisher. Foreign key to the ServicePackName table.
ReleaseDate	Type: datetime. Nullable The availability date.
EndOfSupportDate	Type: datetime. Nullable The end of availability date.
Notes	Type: text. Nullable Notes for this service pack

ServicePackName Table

Table 420: Database columns for ServicePackName table

Database Column	Details
ServicePackNameID	Type: integer. Key. Generated ID A unique identifier for service pack.
Name	Type: text (max 256 characters). Key The service pack name

SoftwareAccessDeviceLicensePointsConsumedData Table

SoftwareAccessDeviceLicensePointsConsumed records how many license entitlements have been consumed for a given license by a given accessing device.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 421: Database columns for SoftwareAccessDeviceLicensePointsConsumedData table

Database Column	Details
AccessingDeviceID	Type: integer. Key. Nullable The accessing device under examination. Foreign key to the AccessingDevice table.
ComplianceComputerID	Type: integer. Key. Nullable The compliance computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
LicensesUsed	Type: integer How many of the points consumed are for installations actually being used.
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.

SoftwareAccessMode Table

The SoftwareAccessMode table holds the states an application has been accessed.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 422: Database columns for SoftwareAccessMode table

Database Column	Details
SoftwareAccessModeID	Type: integer. Key. Generated ID The primary key of the SoftwareAccessMode table.
AccessModeID	Type: integer. Key The access mode for the application. Foreign key to the AccessMode table.
InstalledSoftwareID	Type: integer. Key The installed software title to which the access mode applies. Foreign key to the InstalledSoftware table

Database Column	Details
IsACL	Type: boolean. Key Determines whether the software access mode record came from ACL data.

SoftwareAccessUserLicensePointsConsumedData Table

SoftwareAccessUserLicensePointsConsumed records how many license entitlements have been consumed for a given license by a given accessing user.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 423: Database columns for SoftwareAccessUserLicensePointsConsumedData table

Database Column	Details
AccessingUserID	Type: integer. Key. Nullable The accessing user under examination. Foreign key to the AccessingUser table.
ComplianceUserID	Type: integer. Key. Nullable The compliance user under examination. Foreign key to the ComplianceUser table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
LicensesUsed	Type: integer How many of the points consumed are for installations actually being used.
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.

SoftwareLicense Table

SoftwareLicense contains details of the software licenses managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 424: Database columns for SoftwareLicense table

Database Column	Details
SoftwareLicenseID	Type: integer. Key. Generated ID A unique identifier for a software license.
ParentLicenseID	Type: integer. Key. Nullable The id of any bundle that this license is a part of.
Name	Type: text (max 256 characters). Key Name of the license.
Version	Type: text (max 60 characters). Key. Nullable Version of the license.
Edition	Type: text (max 60 characters). Nullable Edition of the license.
LicenseTypeID	Type: integer. Key The license type. Foreign key to the SoftwareLicenseType table.
SoftwareLicenseMetricID	Type: integer. Nullable Custom licensing metric for this license. Foreign key to the SoftwareLicenseMetric table.
DurationID	Type: integer The duration of this license. Foreign key to the SoftwareLicenseDuration table.
SoftwareLicense ComplianceStatusID	Type: integer The compliance status of this license. Foreign key to the SoftwareLicenseComplianceStatus table. Defaults to “Compliant”.
LicenseStatusID	Type: integer The status of this license. Foreign key to the LicenseStatus table.
SoftwareLicense PurchaseTypeID	Type: integer. Nullable The kind of purchase. Foreign key to the SoftwareLicensePurchaseType table.
VendorID	Type: integer. Key. Nullable The vendor from whom the license was purchased. Foreign key to the Vendor table.

Database Column	Details
PublisherID	<p>Type: integer. Key. Nullable</p> <p>The software publisher associated with this license. Foreign key to the Vendor table.</p>
ManagerID	<p>Type: integer. Key. Nullable</p> <p>The manager of this license. Foreign key to the ComplianceUser table.</p>
PartNo	<p>Type: text (max 100 characters). Nullable</p> <p>The publisher's part number for this license.</p>
SerialNumber	<p>Type: text (max 256 characters). Nullable</p> <p>The serial number of the license.</p>
LicenseKeyTypeID	<p>Type: integer</p> <p>The type of license keys managed on this license. Foreign key to the SoftwareLicenseKeyType table. Defaults to "No key".</p>
LicenseKey	<p>Type: text (max 256 characters). Nullable</p> <p>The multiple-use license key of the license. Only used when the license key type is a multi-use key (for example, an Enterprise key used to cover multiple installs).</p>
RequestNo	<p>Type: text (max 60 characters). Nullable</p> <p>The request number for the license.</p>
AcquisitionModeID	<p>Type: integer</p> <p>The method of acquisition used for the asset this license covers. Defaults to Purchased. Foreign key to the AcquisitionMode table.</p>
PurchaseOrderNumber	<p>Type: text (max 50 characters). Nullable</p> <p>The purchase order number which was used to purchase the license.</p>
PurchaseOrderDate	<p>Type: datetime. Nullable</p> <p>The original purchase order date for the license.</p>
PurchasePrice	<p>Type: currency. Nullable</p> <p>The initial purchase price of the license.</p>
PurchasePriceRateID	<p>Type: integer. Nullable</p> <p>The currency rate applied to the purchase price of the license. Foreign key to the CurrencyRate table.</p>
ChargeBackPrice	<p>Type: currency. Nullable</p> <p>Amount to be charged for each computer on which the license is installed.</p>
ChargeBackPriceRateID	<p>Type: integer. Nullable</p> <p>The currency rate applied to the charge-back price. Foreign key to the CurrencyRate table.</p>

Database Column	Details
ChargeBackPeriodTypeID	<p><i>Type:</i> integer</p> <p>The frequency with which the charge back price is charged. Defaults to None. Foreign key to the PeriodType table.</p>
ExpiryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date this license expires. A NULL value means the license does not expire.</p>
DeliveryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date this license became active. A NULL value means the license is inactive.</p>
RetirementDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date this license was retired. A NULL value means the license is active.</p>
WarrantyExpiryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the warranty on this license expires. This refers to a warranty Contract associated with the license.</p>
NumberOfProcessors	<p><i>Type:</i> integer</p> <p>The number of processors that this license is for. This field is only used where the SoftwareLicenseType is Device (Processor-Limited) (LicenseTypeID = 11).</p>
NumberOfCores	<p><i>Type:</i> integer</p> <p>The number of cores per processor that this license is for. This field is only used where the SoftwareLicenseType is Device (Core-Limited) (LicenseTypeID = 14).</p>
NumberOfSockets	<p><i>Type:</i> integer</p> <p>The number of sockets that this license is for. The value zero is reserved to mean unlimited. This field is only used where the SoftwareLicenseType is Oracle Processor (LicenseTypeID = 16) or Oracle Named User Plus (LicenseTypeID = 17).</p>
MinimumNumberOfProcessors	<p><i>Type:</i> integer</p> <p>The minimum number of processors that this license is for. This field is only used where the SoftwareLicenseType is Microsoft Server Processor (LicenseTypeID = 22).</p>
MinimumNumberOfLicensesPerVM	<p><i>Type:</i> integer</p> <p>When licensing a Virtual Hardware System with a Microsoft Server Core license (LicenseTypeID = 33), consume license entitlements as though the virtual machine had at least this number of virtual threads.</p>
MSPool	<p><i>Type:</i> text (max 120 characters). Nullable</p> <p>The name of the Microsoft license pool to which the license belongs.</p>

Database Column	Details
MSPoints	<p><i>Type:</i> integer</p> <p>The points value of each installed version of this license, for use when calculating Microsoft licensing reports. This field is only valid when the MSPool field is set.</p>
WarrantyTypeID	<p><i>Type:</i> integer</p> <p>The type of warranty for the license. Defaults to None. Foreign key to the AssetWarrantyType table.</p>
EndOfLifeRecipient	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The person or organization who received the asset associated with this license when it was disposed of.</p>
EndOfLifeReasonID	<p><i>Type:</i> integer</p> <p>The reason the asset was associated with this license was disposed of. Foreign key to the EndOfLifeReason table.</p>
ResalePrice	<p><i>Type:</i> currency. Nullable</p> <p>The amount the asset associated with this license was sold for.</p>
ResalePriceRateID	<p><i>Type:</i> integer. Nullable</p> <p>The currency rate to be applied to the sale price of the asset associated with this license.</p>
CreationUser	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The operator who created this license.</p>
CreationDate	<p><i>Type:</i> datetime</p> <p>The date and time the license was created.</p>
UpdatedUser	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The operator who last updated this license.</p>
UpdatedDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time the license was last updated.</p>
Comments	<p><i>Type:</i> text. Nullable</p> <p>Comments about the license recorded by an operator. This field may also be used for storing license keys.</p>
NumberPurchased	<p><i>Type:</i> integer</p> <p>The quantity of purchased license entitlements.</p>
NumberInstalled	<p><i>Type:</i> integer</p> <p>The quantity of software installations accounted for by this license. This value is calculated and updated during the data import process, based on the software inventory details imported.</p>

Database Column	Details
NumberCalculated	<p><i>Type:</i> integer</p> <p>The calculated consumption value for this license.</p>
ResourceUnitsConsumed	<p><i>Type:</i> decimal</p> <p>The quantity consumed of a resource relevant to this license. The type of resource is identified by the associated <code>SoftwareLicenseMetric</code>. On the IBM Resource Value Unit license type this will have a points rule set applied to it to calculate the final license consumption value.</p>
PeakConsumed	<p><i>Type:</i> integer</p> <p>This value has been deprecated and is no longer used.</p>
AdditionalBulkUsers Regular	<p><i>Type:</i> integer</p> <p>A number of regular users associated with this license in addition to those specified individually in <code>SoftwareLicenseAllocation</code>. For IBM User Value Unit licenses this will have a points rule set applied to it to calculate the final license consumption value.</p>
AdditionalBulkUsers Infrequent	<p><i>Type:</i> integer</p> <p>A number of infrequent users associated with this license in addition to those specified individually in <code>SoftwareLicenseAllocation</code>. For IBM User Value Unit licenses this will have an infrequent user multiplier and points rule set applied to it to calculate the final license consumption value.</p>
AdditionalBulkUsers External	<p><i>Type:</i> integer</p> <p>A number of external users associated with this license in addition to those specified individually in <code>SoftwareLicenseAllocation</code>. For IBM User Value Unit licenses this will have an external user multiplier and points rule set applied to it to calculate the final license consumption value.</p>
UserMultiplierInfrequent	<p><i>Type:</i> decimal</p> <p>The fraction of a regular user's consumption to use for infrequent users.</p>
UserMultiplierExternal	<p><i>Type:</i> decimal</p> <p>The fraction of a regular user's consumption to use for external users.</p>
NumberUsed	<p><i>Type:</i> integer</p> <p>The number of software installations covered by this license that are actually being used.</p>
NumberAllocated	<p><i>Type:</i> integer</p> <p>The quantity of license entitlements allocated to individual end-users or computers.</p>

Database Column	Details
NumberAssigned	<p><i>Type:</i> integer</p> <p>The quantity of license entitlements that have been assigned to enterprise groups.</p>
NumberOverridden	<p><i>Type:</i> integer</p> <p>The quantity of overridden consumption allocated to individual end-users or computers.</p>
LastCalculatedNUPMinimum	<p><i>Type:</i> integer. Nullable</p> <p>The last calculated minimum for Oracle Named User Plus licenses.</p>
AlwaysInstalled	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, this license is considered in to be used whenever it is allocated. If <code>False</code>, software usage is considered separately, and allocation merely defines the corporation's modelling of who is expected to consume entitlements.</p>
LocationID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise location linked to this license. Foreign key to the GroupEx table.</p>
BusinessUnitID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise corporate unit linked to this license. Foreign key to the GroupEx table.</p>
CostCenterID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any cost center in the enterprise that is linked to this license. Foreign key to the GroupEx table.</p>
CategoryID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise category associated with this license. Foreign key to the GroupEx table.</p>
CoverInstallsOnVirtual Machines	<p><i>Type:</i> boolean</p> <p>This is known in the UI as “Enable special handling for virtual machines”.</p> <p>Its effect usually includes enabling sub-capacity licensing of virtual installs and/or capping of license consumption at the host level, but its exact effect depends on the specific license type.</p> <p>For license types that expose additional virtualization properties, this property must be set for the other properties to be used.</p>
LimitNumberOfVirtual Installs	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, there is a limit to the number of installations on virtual machines that can be covered by each license entitlement. If <code>False</code>, one license entitlement may cover use on any number of virtual machines (typically on one host computer).</p>

Database Column	Details
NumberOfAllowedVirtualInstalls	<p><i>Type:</i> integer. Nullable</p> <p>If the license covers installations on virtual machines, this field specifies how many installations per host are allowed before an additional license entitlement (or point) is consumed.</p>
LimitVirtualInstallsIncludesHost	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, the host operating system installations are included in the overall count of operating systems on the host when there is a limit on the number of allowed virtual installs for each license. If <code>False</code>, the host operating system is not considered when determining virtual install limits.</p>
NumberOfAllowedProcessorsPerHost	<p><i>Type:</i> integer. Nullable</p> <p>This field specifies how many processors per host are allowed before an additional license entitlement (or point) is consumed. Null provides the default of 1. Zero provides unlimited.</p>
UseHostProcessorInformation	<p><i>Type:</i> boolean</p> <p>If virtual installs are allowed, set this field to <code>True</code> if host information should be used when calculating license points consumed.</p>
AllowIBMPVUSubCapacityFromNonILMT	<p><i>Type:</i> boolean</p> <p>If the license does not use host processor information (not full capacity), set this field to <code>True</code> to allow non-ILMT sub-capacity PVU consumption calculations to be used.</p>
LimitNumberOfApplicationsEachLicensePointCovers	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, there is a limit on the number of application installations allowed per license entitlement (or point). If <code>False</code> (the default), then a license entitles you to any number of installations of software linked to this license on the one computer.</p>
NumberOfApplicationInstallsAllowedPerLicensePoint	<p><i>Type:</i> integer. Nullable</p> <p>Where the previous field is set to <code>True</code>, this field defines the limited number of application installations allowed per entitlement (or point).</p>
LimitNumberOfComputersUserLicenseCanBeInstalledOn	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, there is a limit to the number of computers that a user-based license can be linked to per entitlement (or point) consumed. If <code>False</code> (the default), a single end-user is entitled to install related software for his/her own use on any number of computers.</p>
NumberOfComputersAllowedPerUserLicensePoint	<p><i>Type:</i> integer. Nullable</p> <p>Where the previous field is set to <code>True</code>, this field defines the limited number of application installations an end-user is allowed per entitlement (or point).</p>

Database Column	Details
MinimumNumberOfUsers	<p><i>Type:</i> integer</p> <p>The minimum number of users allowed for the license. This is used for Oracle Named User Plus licenses.</p>
MinimumNumberOfUsers MultipliedByProcessors	<p><i>Type:</i> boolean</p> <p>Whether the previous field a fixed value for the license or it is a multiple of the number of processor points consumed by the license. This is used for Oracle Named User Plus licenses.</p>
SecondUsageWorkLaptop	<p><i>Type:</i> boolean</p> <p>If this field is <i>True</i>, the license confers the right of second use on a work laptop. If <i>False</i>, there is no right of second use allowed on a work laptop.</p>
SecondUsageAtHome	<p><i>Type:</i> boolean</p> <p>If this field is <i>True</i>, the license confers the right of second use on a home computer by the same end-user as the primary end-user of the license entitlement consumed at work. If <i>False</i> (the default), there is no right of second use allowed on a home computer.</p>
MultiUseInheritFrom Contract	<p><i>Type:</i> boolean</p> <p>Set this field to <i>True</i> if the license should inherit the values for right of multiple use from a contract.</p>
MultiUseInheritFrom ContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <i>True</i>, this is the contract that right of multiple use is inherited from. Foreign key to <i>Contract</i> table.</p>
SecondUsageInheritFrom Contract	<p><i>Type:</i> boolean</p> <p>Set this field to <i>True</i> if the license should inherit the values for right of second use from a contract.</p>
SecondUsageInheritFrom ContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <i>True</i>, this is the contract that right of second use is inherited from. Foreign key to <i>Contract</i> table.</p>
CoverInstallsOnVM InheritFromContract	<p><i>Type:</i> boolean</p> <p>Set this field to <i>True</i> if the license should inherit virtual machine rights from a contract.</p>
CoverInstallsOnVM InheritFromContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <i>True</i>, this is the contract that virtual machine rights are inherited from. Foreign key to <i>Contract</i> table.</p>

Database Column	Details
AutoManageTitles	<p><i>Type:</i> boolean</p> <p>Set this field to True if the license should have its application links automatically managed for upgrade and downgrade rights. When this field is False, the operator must manually manage links between this license and any applications.</p>
DowngradeOnlyToVersion Legacy	<p><i>Type:</i> text (max 60 characters). Nullable</p> <p>A repository for backward-compatible custom data.</p>
UpgradeOnlyToVersion Legacy	<p><i>Type:</i> text (max 60 characters). Nullable</p> <p>A repository for backward-compatible custom data.</p>
TrueUp	<p><i>Type:</i> boolean</p> <p>Set this field to True if the license is a true-up license (and so never goes into at risk).</p>
UnlimitedConsumption	<p><i>Type:</i> boolean</p> <p>Set this field to True if the license is a unlimited license (and so never goes into at risk).</p>
OracleLegacyLicenseTypeID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The specific Oracle legacy license type, where appropriate. Foreign key to the OracleLegacyLicenseType table.</p>
GroupAllocationTypeID	<p><i>Type:</i> integer. Key</p> <p>Allocations of entitlements under any license can be made to only one type of enterprise group, specified here. Foreign key to the GroupType table.</p>
GroupAllocation ReportingTypeID	<p><i>Type:</i> integer. Key</p> <p>Determines when enterprise groups will be considered to have risked their allocations of entitlements under this license. Foreign key to the SoftwareLicenseGroupAllocationReportingType table.</p>
GroupAllocation ComplianceLevel	<p><i>Type:</i> integer. Nullable</p> <p>Determines the depth level of groups to be used for calculating the risk status for a license.</p>
CannotManuallyUpdate GroupAssignments	<p><i>Type:</i> boolean</p> <p>Set this field to True if the operator must make group assignments through a Assign License Entitlements dialog box. If False, changes can be made directly in the license properties pages.</p>

Database Column	Details
CalculateCompliance	<p><i>Type:</i> boolean</p> <p>When this field is True (the default), and the associated SoftwareLicenseType also has its CalculateCompliance field set to True (true for most license types), license consumption must be calculated from imported inventory. When False, the compliance state must be imported, not calculated.</p>
IsSharableToLibrary	<p><i>Type:</i> boolean</p> <p>Set this field to True (the default) if the license is sharable to the downloadable FlexNet Manager Suite ARL library.</p>
CopyEditionAndVersion	<p><i>Type:</i> boolean</p> <p>Set this field to True (the default) if edition and version should be automatically copied to the license from the primary application.</p>
SoftwareLicenseTierTypeID	<p><i>Type:</i> integer. Key. Nullable</p> <p>Type of the tier, for Tiered Device license type only. Foreign key to the SoftwareLicenseTierType table.</p>
SoftwareLicenseTierCode	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The actual tier of the license, corresponding to the tier type. For Tiered Device license type only.</p>
ImportedFromFNMEA	<p><i>Type:</i> boolean</p> <p>Set this to True if this license was imported from FlexNet Manager for Engineering Applications.</p>
SoftwareLicensePointsRuleSetID	<p><i>Type:</i> integer. Key. Nullable</p> <p>The points rule set used to calculate compliance for this license. Foreign key to the SoftwareLicensePointsRuleSet table.</p>
BaselineQuantity	<p><i>Type:</i> integer. Nullable</p> <p>The baseline value for this license</p>
BaselineDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date at which the baseline applies.</p>
AlternateNonInventoriedUsers	<p><i>Type:</i> integer. Nullable</p> <p>Number of non-inventoried users who are consuming this license. For Oracle Named User Plus and Oracle Application User licenses, this acts as an alternate mean to specify user consumption in the case where no instance users are available from inventory. The number of non-inventoried users are added to the number of unique users found from inventory when number installed and number used are calculated in license reconcile.</p>

Database Column	Details
InheritLicenseMobilityFromContract	<p><i>Type:</i> boolean</p> <p>Set this field to True if this license inherits its license mobility rights from a contract. If False (the default), license mobility rights must be configured directly on the license properties.</p>
InheritLicenseMobilityFromContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is True, this is the contract that mobility rights are inherited from. Foreign key to the Contract table.</p>
InheritLicenseConsumptionFromContract	<p><i>Type:</i> boolean</p> <p>Set this field to True if this license inherits its license consumption rules from a contract. If False (the default), license consumption rules must be configured directly on the license properties.</p>
InheritLicenseConsumptionFromContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is True, this is the contract that license consumption rules are inherited from. Foreign key to the Contract table.</p>
InheritProcessorLimitsFromContract	<p><i>Type:</i> boolean</p> <p>Set this field to True if this license inherits its processor limits rights from a contract. If False (the default), license processor limits rights must be configured directly on the license properties.</p>
InheritProcessorLimitsFromContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is True, this is the contract that processor limits rights are inherited from. Foreign key to the Contract table.</p>
AllowMaintenanceToExpire	<p><i>Type:</i> boolean</p> <p>If the value True, maintenance added to license will not be renewed. If this flag is set, use rights for this license will be automatically updated once the maintenance expires.</p>
AutoSynchronized	<p><i>Type:</i> boolean</p> <p>If the value is True the license information will be synchronized with the information from the source connection.</p>
UseRightsAutoUpdated	<p><i>Type:</i> boolean</p> <p>If the value True, the use rights of this license has been automatically updated when all the maintenace expired. Else, use rights has not been updated.</p>

SoftwareLicenseAllocation Table

SoftwareLicenseAllocation records the allocations of individual computers, end-users, enterprise groups or instances to licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 425: Database columns for SoftwareLicenseAllocation table

Database Column	Details
SoftwareLicenseAllocationID	Type: integer. Key. Generated ID A unique identifier for the license allocation record.
SoftwareLicenseID	Type: integer. Key The license that has been allocated. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key. Nullable The computer to which the license is allocated. Foreign key to the ComplianceComputer table.
ComplianceUserID	Type: integer. Key. Nullable The end-user to which the license is allocated. Foreign key to the ComplianceUser table.
InstanceID	Type: integer. Key. Nullable The instance to which the license is allocated. Foreign key to the Instance table.
GroupExID	Type: text (max 128 characters). Key. Nullable The enterprise group to which the license is assigned. Foreign key to the GroupEx table.
LicenseUserID	Type: integer. Key. Nullable The external end-user to whom the license is allocated. Foreign key to the LicenseUser table.
AccessingUserID	Type: integer. Key. Nullable The external accessing user to whom the license is allocated. Foreign key to the AccessingUser table.
SoftwareLicenseAllocationUserTypeID	Type: integer. Key. Nullable Indicates for user allocations whether they are a regular user or some special type of user for this license. Foreign key to the SoftwareLicenseAllocationUserType table.
NumberAllocated	Type: integer. Nullable The number of license entitlements assigned. This is used for group assignments.
NumberUsed	Type: integer. Nullable The number of license entitlements where the application is recorded as being used.

Database Column	Details
SoftwareLicense AllocationStatusID	<i>Type:</i> integer. Nullable Indicates the status of an allocation. Foreign key to the SoftwareLicenseAllocationStatus table.
SoftwareLicenseKeyID	<i>Type:</i> integer. Key. Nullable The software license key that is allocated to this end-user/computer. Foreign key to the SoftwareLicenseKey table.
SoftwareLicense ExemptionReasonID	<i>Type:</i> integer. Key. Nullable The reason why this allocation is exempted from consuming a license entitlement. Foreign key to the SoftwareLicenseExemptionReason table.
IsIncludedForLicenseRec	<i>Type:</i> boolean. Key Indicates allocations whether they should be used in regular license reconciliation.

SoftwareLicenseAllocationStatus Table

SoftwareLicenseAllocationStatus is a static table storing a collection of status values for a license allocation.

Table 426: Database columns for SoftwareLicenseAllocationStatus table

Database Column	Details
SoftwareLicense AllocationStatusID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SoftwareLicenseAllocationStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Allocated • 2 = Awaiting Inventory • 3 = Permanent • 4 = Unallocated.
StatusResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing an allocation status. Foreign key to the ComplianceResourceString table.
StatusDefaultValue	<i>Type:</i> text (max 50 characters) The text to display if the status resource string has no translation.

SoftwareLicenseAllocationUserType Table

SoftwareLicenseAllocationUserType is a static table storing a collection of user type values for a license allocation.

Table 427: Database columns for SoftwareLicenseAllocationUserType table

Database Column	Details
SoftwareLicenseAllocationUserTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseAllocationUserType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> 1 = Normal 2 = Infrequent 3 = External.
UserTypeResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a user allocation type. Foreign key to the ComplianceResourceString table.</p>
UserTypeDefaultValue	<p>Type: text (max 50 characters)</p> <p>The text to display if the user type resource string has no translation.</p>

SoftwareLicenseBreachReasonData Table

SoftwareLicenseBreachReasonData identifies the reasons why non-compliant software licenses are in this state.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 428: Database columns for SoftwareLicenseBreachReasonData table

Database Column	Details
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The software license. Foreign key to the SoftwareLicense table.</p>
LicenseBreachReasonID	<p>Type: integer. Key</p> <p>The license risk reason. Foreign key to the LicenseBreachReason table.</p>
LicenseMeasurementID	<p>Type: integer. Key</p> <p>The license measurement ID. Foreign key to the LicenseMeasurement table.</p>

SoftwareLicenseChangeEvent Table

The SoftwareLicenseChangeEvent table holds the details of all license change events.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 429: Database columns for SoftwareLicenseChangeEvent table

Database Column	Details
ComplianceEventID	Type: integer. Key A unique identifier and foreign key to the ComplianceEvent table.
SoftwareLicenseID	Type: integer. Key The license involved in the change event. Foreign key to the SoftwareLicense table.
SoftwareTitleID	Type: integer. Key The software title that needs to be added or removed. Foreign key to the SoftwareTitle table.
SoftwareLicenseChangeEventSourceID	Type: integer What caused the event. Foreign key to the SoftwareLicenseChangeEventSource table.
SoftwareLicenseChangeEventReasonID	Type: integer The type of event. Foreign key to the SoftwareLicenseChangeEventReason table.
SoftwareTitleLicenseReasonID	Type: integer. Nullable When a software title has been added to a license, the reason it has been added (ie because upgrade rights allow it, for example). Foreign key to the SoftwareTitleLicenseReason table.

SoftwareLicenseChangeEventReason Table

SoftwareLicenseChangeEventReason is a static table holding all the valid reasons why a license change event was generated.

Table 430: Database columns for SoftwareLicenseChangeEventReason table

Database Column	Details
SoftwareLicenseChangeEventReasonID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseChangeEventReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Add Application • 2 = Remove Application.
ChangeEventReasonResourceString	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a change event reason. Foreign key to the ComplianceResourceString table.</p>
ChangeEventReasonDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the reason resource string has no translation.</p>

SoftwareLicenseChangeEventSource Table

SoftwareLicenseChangeEventSource is a static table holding all the valid sources of license change events.

Table 431: Database columns for SoftwareLicenseChangeEventSource table

Database Column	Details
SoftwareLicenseChangeEventSourceID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseChangeEventSource. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = ARL • 2 = Software License • 3 = Software Title (the application properties) • 4 = Contract • 5 = Version (changing the relative priorities or weights of application versions linked to a license) • 6 = Edition (changing the relative priorities or weights of application editions linked to a license).
ChangeEventSourceResourceString	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a change event source. Foreign key to the ComplianceResourceString table.</p>

Database Column	Details
ChangeEventSource	Type: text (max 100 characters)
DefaultValue	Default value for a license change event source if the source resource has no translation.

SoftwareLicenseCloudServiceProvider Table

SoftwareLicenseCloudServiceProvider contains the cloud service providers supported by licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 432: Database columns for SoftwareLicenseCloudServiceProvider table

Database Column	Details
SoftwareLicenseID	Type: integer. Key Identifies a software license. Foreign key to the SoftwareLicense table.
CloudServiceProviderID	Type: integer. Key Identifies a cloud service provider. Foreign key to the CloudServiceProvider table.

SoftwareLicenseComplianceStatus Table

SoftwareLicenseComplianceStatus is a static table listing valid compliance states for a license.

Table 433: Database columns for SoftwareLicenseComplianceStatus table

Database Column	Details
SoftwareLicense ComplianceStatusID	Type: integer. Key. Generated ID A unique identifier for each SoftwareLicenseComplianceStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> 1 = Compliant 2 = At Risk 3 = Unknown 4 = Not Tracked.

Database Column	Details
StatusResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing a compliance status. Foreign key to the ComplianceResourceString table.
StatusDefaultValue	Type: text (max 100 characters) The text to display if the status resource string has no translation.

SoftwareLicenseComputerProblemData Table

SoftwareLicenseComputerProblemData identifies the problems with individual ComplianceComputers that contributed to an associated license having an unknown compliance status. For example, some license types calculate entitlement consumption based on the number of processor cores present in a computer, but that detail is not available from Microsoft SCCM before version 2012, so computers from this inventory source will cause associated licenses to have unknown compliance status.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 434: Database columns for SoftwareLicenseComputerProblemData table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The software license. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key The computer consuming license entitlements. Foreign key to the ComplianceComputer table.
SoftwareLicense ComputerProblemTypeID	Type: integer The type of problem this computer's inventory causes for a given license. For example, core-based licenses require accurate inventory of processor core counts to determine their compliance status. Foreign key to the SoftwareLicenseComputerProblemType table.
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.

SoftwareLicenseComputerProblemType Table

SoftwareLicenseComputerProblemType is a static table holding the collection of problems that a computer can have which might cause a particular type of license to have an unknown compliance status.

Table 435: Database columns for SoftwareLicenseComputerProblemType table

Database Column	Details
SoftwareLicense ComputerProblemTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseComputerProblemType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Core count missing from inventory • 2 = Processor count missing from inventory • 3 = Socket count missing from inventory • 4 = Thread count missing from inventory.
ProblemTypeResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a problem type. Foreign key to the ComplianceResourceString table.</p>
ProblemTypeDefaultValue	<p>Type: text (max 512 characters)</p> <p>The text to display if the problem type resource string has no translation.</p>

SoftwareLicenseConnection Table

SoftwareLicenseConnection stores a link between software licenses in SoftwareLicense which have been reported in inventory, and external IDs which can be used to identify them in their inventory sources.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 436: Database columns for SoftwareLicenseConnection table

Database Column	Details
SoftwareLicenseID	<p>Type: integer. Key</p> <p>A unique identifier for the software license. Foreign key to the SoftwareLicense table.</p>
ComplianceConnectionID	<p>Type: integer. Key</p> <p>The inventory source where the software license was reported. Foreign key to the ComplianceConnection table.</p>
ExternalLicenseID	<p>Type: big integer. Key</p> <p>A (hopefully unique) identifier for the software license in the external inventory source.</p>

SoftwareLicenseContract Table

SoftwareLicenseContract links licenses to related contracts.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 437: Database columns for SoftwareLicenseContract table

Database Column	Details
SoftwareLicenseContractID	Type: integer. Key. Generated ID A unique identifier for this record.
SoftwareLicenseID	Type: integer. Key The license to which the contract is related. Foreign key to the SoftwareLicense table.
ContractID	Type: integer. Key The contract related to the license. Foreign key to the Contract table.

SoftwareLicenseCoresConsumedData Table

SoftwareLicenseCoresConsumedData records how many cores have contributed to license point consumption for a given license by a given computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 438: Database columns for SoftwareLicenseCoresConsumedData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
CoresConsumed	Type: integer The number of cores that have contributed to license point consumption for the license on the computer.

Database Column	Details
LicenseMeasurementID	<i>Type:</i> integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.
CalculatedConsumption	<i>Type:</i> integer The calculated consumption value for this license assignment before exemptions or overrides are considered.

SoftwareLicenseCreation Table

SoftwareLicenseCreation records which SKU definition was used to create a software license.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 439: Database columns for SoftwareLicenseCreation table

Database Column	Details
SoftwareLicenseCreationID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this record.
SoftwareLicenseID	<i>Type:</i> integer. Key The software license created. Foreign key to the SoftwareLicense table.
SoftwareSkuID	<i>Type:</i> integer. Key. Nullable The SKU that was recognized. This value is optional, as the software license could have been created directly using a definition selected by the operator, without a SKU being used as the link. Foreign key to the SoftwareSku table.
SoftwareLicenseDefinitionID	<i>Type:</i> integer. Key The license definition used to create the software license. Foreign key to the SoftwareLicenseDefinition table.
LicenseDefinitionVersion	<i>Type:</i> integer. Key Which version of the license definition was used to create the software license.

SoftwareLicenseDefinition Table

SoftwareLicenseDefinition maps SKUs to the license definitions and applications that it relates to.

Table 440: Database columns for SoftwareLicenseDefinition table

Database Column	Details
SoftwareLicense DefinitionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this record.
LicenseDefinition FactoryUID	<i>Type:</i> text (max 30 characters). Key The FlexNet Manager Suite factory unique identifier for this record.
NonMaintenanceLicense DefinitionFactoryUID	<i>Type:</i> text (max 30 characters). Key. Nullable The FlexNet Manager Suite factory without maintenance for this record.
LicenseDefinitionTypeID	<i>Type:</i> integer. Key The license definition type. Foreign key to the LicenseDefinitionType table.
LicenseDefinition	<i>Type:</i> text The license definition. Contains information relevant to license creation and application links.
ProductName	<i>Type:</i> text (max 2000 characters) When a license is created using this definition, this will be its license name.
ProductVersion	<i>Type:</i> text (max 2000 characters) When a license is created using this definition, this will be its license version.
ProductPublisher	<i>Type:</i> text (max 2000 characters) When a license is created using this definition, this will be its license publisher.
LicenseTypeID	<i>Type:</i> integer. Key This definition will create a license of this type. Foreign key to the LicenseType table.
IsUpgrade	<i>Type:</i> boolean Set this field to True if this definition will create an upgrade license. If this field is False, this definition creates a standard license.
Version	<i>Type:</i> integer. Key The current version of this SKU definition.
PreviousVersion	<i>Type:</i> integer. Key. Nullable The version of the SKU definition prior to the current version.
CreationDate	<i>Type:</i> datetime The date that this record was created.
UpdatedDate	<i>Type:</i> datetime. Nullable The date that this record was last updated.

SoftwareLicenseDuration Table

The collection of durations for which a license can be active.

Table 441: Database columns for SoftwareLicenseDuration table

Database Column	Details
SoftwareLicenseDurationID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for a license duration. Possible values (and associated default names) are:</p> <ul style="list-style-type: none"> • 1 = Perpetual • 2 = TimeLimited • 3 = Subscription.
DurationResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The name of the resource string containing the text to display on the user interface.</p>
DurationDefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The value to display if there is no resource string available for this status</p>

SoftwareLicenseExemptionReason Table

The collection of types exemption reasons that may be associated with software license allocations.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 442: Database columns for SoftwareLicenseExemptionReason table

Database Column	Details
SoftwareLicenseExemptionReasonID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseExemptionReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Alpha, beta, early support program • 2 = Backup, disaster recovery • 3 = Component of a non-PVU licensed offering • 4 = Component is not compatible with the server or agent system • 5 = Development • 6 = Evaluation, trial • 7 = Fail-over • 8 = Not eligible for PVU licensing • 9 = Other • 10 = Second use • 11 = Test • 12 = Covered by related product • 13 = Covered by virtual application access • 14 = No usage for virtual application within specified time limit
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an exemption reason. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

SoftwareLicenseExemptionRole Table

SoftwareLicenseExemptionRole table holds information on role exemption rule for licenses. Contains many to many relationship between licenses and device roles.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 443: Database columns for SoftwareLicenseExemptionRole table

Database Column	Details
SoftwareLicenseExemptionRoleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the license exemption role record.
SoftwareLicenseID	<i>Type:</i> integer. Key The license that has role exemption rule. Foreign key to the SoftwareLicense table.
ExemptionRoleID	<i>Type:</i> integer. Key The device role that is exempted from license consumption. Foreign key to the ComplianceComputerRole table.
ExemptionLimit	<i>Type:</i> integer. Nullable The number of devices that can be exempted, having an exempted role.

SoftwareLicenseGroupAllocationReportingType Table

SoftwareLicenseGroupAllocationReportingType stores the set of tests that can be used to determine whether a license is in “group at risk” for one or more of its associated enterprise groups.

Table 444: Database columns for SoftwareLicenseGroupAllocationReportingType table

Database Column	Details
SoftwareLicenseGroupAllocationReportingTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SoftwareLicenseGroupAllocationReportingType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 0 = None • 1 = Consumed Exceeds Purchased • 2 = Consumed Exceeds Assigned.
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a group at risk test type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the type resource string has no translation.

SoftwareLicenseGroupAssignmentHistory Table

SoftwareLicenseGroupAssignmentHistory is used to keep track of changes made to assignments of software license entitlements to enterprise groups.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 445: Database columns for SoftwareLicenseGroupAssignmentHistory table

Database Column	Details
SoftwareLicenseGroupAssignmentHistoryID	Type: integer. Key. Generated ID A unique identifier for the history record.
GroupExID	Type: text (max 128 characters). Key This is the primary group that had a change of assignments. Foreign key to the GroupEx table.
FromGroupExID	Type: text (max 128 characters). Key. Nullable If assignments were transferred, this is the source group who had assignments taken away. Foreign key to the GroupEx table.
FromGroupExPath	Type: text (max 500 characters). Nullable The path of the group that assignments were transferred from. This field is used to display the group name (at the time that the transfer took place) when showing history after the group has been deleted.
HistoryDate	Type: datetime The date of the change.
SoftwareLicenseID	Type: integer. Key The license for which entitlements are being assigned. Foreign key to the SoftwareLicense table.
UserName	Type: text (max 60 characters) The operator who made the change.
Comments	Type: text (max 2000 characters). Nullable Comments recorded about the change.
NumberAdded	Type: integer The number of assignments added to or removed from the group.
Total	Type: integer The progressive total of assignments to the group following this change.

Database Column	Details
SoftwareLicenseGroup	Type: integer. Key
AssignmentHistoryTypeID	The type of history record. This records the kind of change that was made (eg, a flat increase/decrease of the assignment count, a transfer, and so on). Foreign key to the SoftwareLicenseGroupAssignmentHistoryType table.

SoftwareLicenseGroupAssignmentHistoryType Table

SoftwareLicenseGroupAssignmentHistoryType stores a collection of the types of history record that can be stored in the SoftwareLicenseGroupAssignmentHistory table.

Table 446: Database columns for SoftwareLicenseGroupAssignmentHistoryType table

Database Column	Details
SoftwareLicenseGroup	Type: integer. Key. Generated ID
AssignmentHistoryTypeID	<p>A unique identifier for each SoftwareLicenseGroupAssignmentHistoryType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Manual (manual increase/decrease of the group assignment quantity) • 2 = ManualDialog (manual increase/decrease of the group assignment quantity, using the Assign License Entitlements dialog_ • 3 = Transfer (a transfer of entitlements from one enterprise group to another) • 4 = ClearAssignments (the Clear Assignments button has been used to remove all entitlements from a group) • 5 = AssignPurchased (the Assign Purchases button has been used to copy purchases within the group to the group assignment total) • 6 = ChangeGroupType (assignments have been cleared because the group assignment type has been changed).
ResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing a history type. Foreign key to the ComplianceResourceString table.</p>
SoftwareLicenseGroupAssignmentHistoryType Name	<p>Type: text (max 64 characters). Key</p> <p>A description of the history type.</p>
DefaultValue	<p>Type: text (max 50 characters)</p> <p>The text to display if the type resource string has no translation.</p>

SoftwareLicenseGroupBreachStatus Table

SoftwareLicenseGroupBreachStatus stores the collection of possible outcomes of group at risk testing.

Table 447: Database columns for SoftwareLicenseGroupBreachStatus table

Database Column	Details
SoftwareLicenseGroupBreachStatusID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseGroupBreachStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 0 = Ignored • 1 = Group Not At Risk • 2 = Group At Risk.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a group at risk status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 256 characters)</p> <p>The text to display if the status resource string has no translation.</p>

SoftwareLicenseGroupPointsConsumedData Table

SoftwareLicenseGroupPointsConsumed records the licenses pre-calculated local and rolledup totals for groups.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 448: Database columns for SoftwareLicenseGroupPointsConsumedData table

Database Column	Details
SoftwareLicenseID	<p>Type: integer. Key</p> <p>The license that owns the pre-calculated totals for a group. Foreign key to the SoftwareLicense table.</p>
GroupTypeID	<p>Type: integer. Key</p> <p>Type of the group(Location, Cost center, etc)</p>
GroupExID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The group where the local and rolledup values are calculated. Foreign key to the GroupEx table.</p>

Database Column	Details
RolledUpNumberConsumed	Type: integer The sum of points consumed of the current group and of all its child groups.
LocalNumberConsumed	Type: integer The sum of points consumed of the current group
RolledUpNumberUsed	Type: integer The sum of used points f the current group and of all its child groups.
LocalNumberUsed	Type: integer The sum of used points of the current group
RolledUpNumberPurchased	Type: integer The rolled up purchase counts of the license.
LocalNumberPurchased	Type: integer The local purchase counts of the license
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.
RolledUpNumberCalculated	Type: integer The sum of points calculated for the current group and of all its child groups.
LocalNumberCalculated	Type: integer The sum of points calculated for the current group.

SoftwareLicenseILMTPointsConsumedData Table

SoftwareLicenseILMTPointsConsumed records how many PVU counts and their corresponding core counts have been consumed for a given license by a given computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 449: Database columns for SoftwareLicenseILMTPointsConsumedData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.

Database Column	Details
SoftwareLicenseID	<i>Type: integer. Key</i> The license being assessed. Foreign key to the SoftwareLicense table.
CoreCount	<i>Type: integer</i> The number of licensable cores for the license on the computer.
PVUCount	<i>Type: integer</i> The number of PVU counts consumed for the license on the computer.
PeakPVUCount	<i>Type: integer</i> The number of PVU counts consumed for the license on the computer at the time where the peak for this license occurred.
LicenseMeasurementID	<i>Type: integer. Key</i> The license measurement ID. Foreign key to the LicenseMeasurement table.
CalculatedConsumption	<i>Type: integer</i> The calculated consumption value for this license assignment before exemptions or overrides are considered.

SoftwareLicenseKey Table

The SoftwareLicenseKey table contains installation keys that are linked to software licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 450: Database columns for SoftwareLicenseKey table

Database Column	Details
SoftwareLicenseKeyID	<i>Type: integer. Key. Generated ID</i> A unique identifier for this license key.
SoftwareLicenseID	<i>Type: integer. Key</i> The software license that this installation key belongs to. Foreign key to the SoftwareLicense table.
KeyValue	<i>Type: text (max 400 characters). Key</i> The installation key value.

SoftwareLicenseKeyType Table

The collection of types of installation keys that may be associated with software licenses.

Table 451: Database columns for SoftwareLicenseKeyType table

Database Column	Details
SoftwareLicenseTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseKeyType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = No keys • 2 = One (multi-install) key per license • 3 = One (multi-install) key per application • 4 = One (single-install) key per installation. • 5 = One (multi-install) key per installation.
KeyTypeResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a license key type. Foreign key to the ComplianceResourceString table.</p>
KeyTypeDefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

SoftwareLicenseMetric Table

SoftwareLicenseMetric holds the pre-defined list of licensing custom metrics.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 452: Database columns for SoftwareLicenseMetric table

Database Column	Details
SoftwareLicenseMetricID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseMetric. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = \$M cost of goods sold • 2 = \$M freight under management • 3 = \$M in revenue • 4 = \$M revenue under management • 5 = Active Oracle node • 6 = Cluster • 7 = Compensated individual • 8 = Connector • 9 = Developer • 10 = Drive • 11 = Electronic order line • 12 = Employees • 13 = Expense report • 14 = External connector • 15 = External recipient • 16 = Field technician • 17 = Floating user • 18 = Form • 19 = Front end GB • 20 = Front end TB • 21 = FTE student • 22 = Gateway • 23 = Gigabyte • 24 = Guest • 25 = Host • 26 = Internet connector

Database Column	Details
	<ul style="list-style-type: none"> • 27 = IP • 28 = Mailbox • 29 = OSE • 30 = Partner organization • 31 = Person • 32 = Per 1000 invoice lines • 33 = Per 1000 records • 34 = Per rule set • 35 = Per tape drive • 36 = Port • 37 = Record • 38 = Server bundle • 39 = Service order line • 40 = Storage domain • 41 = Terabyte • 42 = Tiered NAS device • 43 = Tivoli management point • 44 = Trainee • 45 = Transaction • 46 = UPK module • 47 = Folio download • 48 = Document • 49 = Per 1000 minutes • 50 = Exam • 51 = Support incidents • 52 = Time • 53 = Recipient • 54 = Employees + non employees

Database Column	Details
	<ul style="list-style-type: none"> • 100 (Oracle Processor) = Cores • 101 (Oracle NUP) = Cores • 102 (Oracle Processor) = Sockets • 103 (Oracle NUP) = Sockets • 150 (IBM RVU) = Million Service Units • 151 (IBM RVU) = Messages • 152 (IBM RVU) = Engines • 153 (IBM RVU) = Terabytes • 154 (IBM RVU) = Tape Drives • 155 (IBM RVU) = Gigabytes • 156 (IBM RVU) = Premium Income \$US Billions (1 Resource Per US\$500M, rounded up to nearest US\$500M) • 157 (IBM RVU) = Capital Asset Value (\$US Billions) • 158 (IBM RVU) = Activated Processor Cores • 159 (IBM RVU) = Pages Per Month • 160 (IBM RVU) = Soft Goods & Services Entities • 161 (IBM RVU) = Manufactured Goods Entities • 162 (IBM RVU) = Assets & Commodities Entities • 163 (IBM RVU) = Locations Entities and Trading Partners & Parties Entities • 164 (IBM RVU) = Client Devices • 165 (IBM RVU) = Server Devices • 166 (IBM RVU) = Annual Web Sessions • 167 (IBM RVU) = 1,000 Web Interactions • 168 (IBM RVU) = 1,000,000 Data Source Records • 169 (IBM RVU) = 1,000,000 Monthly Server Calls • 170 (IBM RVU) = 1,000,000 Subscribers • 171 (IBM RVU) = 10,000 Records • 172 (IBM RVU) = 100 Records • 173 (IBM RVU) = 100,000 Records

Database Column	Details
	<ul style="list-style-type: none"> • 174 (IBM RVU) = Assets • 175 (IBM RVU) = Authorized Retail, Host, and Mobile Sites • 176 (IBM RVU) = Conversion Units • 177 (IBM RVU) = Enterprise Identifiers • 178 (IBM RVU) = Managed Devices • 179 (IBM RVU) = Records • 180 (IBM RVU) = Resources • 181 (IBM RVU) = Revenue \$US Billions • 182 (IBM RVU) = Secondary Sites • 183 (IBM RVU) = Servers • 184 (IBM RVU) = Transportation Events Per Calendar Month • 185 (IBM RVU) = Value Units • 186 (IBM RVU) = Virtual Servers • 187 (IBM RVU) = Web Pages.
SoftwareLicenseTypeID	<p>Type: integer. Key</p> <p>The software license type to which this metric applies. Foreign key to the SoftwareLicenseType table.</p>
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a licensing metric. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the ResourceName has no translation.</p>

SoftwareLicensePVUPointsConsumedComputersSCD Table

SoftwareLicensePVUPointsConsumedComputers relationship between a consuming computer and the computers involved in the consumption. This should include VMs with installations of only supplementary titles as well.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 453: Database columns for SoftwareLicensePVUPointsConsumedComputersSCD table

Database Column	Details
RegionID	<i>Type:</i> integer. Key The region consumption is being recorded for. Foreign key to the Region table. If NULL, device not belonging to any region
SoftwareLicenseID	<i>Type:</i> integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
HostID	<i>Type:</i> integer. Key The host machine. For standalone computer, this will be the computer itself. Foreign key to the ComplianceComputer table.
ComplianceComputerID	<i>Type:</i> integer. Key The machine involved in consuming PVU point under the host. For standalone computer, this will be the computer itself. Foreign key to the ComplianceComputer table.
CoreCount	<i>Type:</i> integer Number of cores at the time of consumption calculation
IsEligibleInventory	<i>Type:</i> boolean Is the device eligible for inventory at consumption calculation
Pool1Name	<i>Type:</i> text (max 256 characters). Nullable Name of 1st level pool of this consuming device (assumption: max up to 2 levels of pool hierarchy).
Pool1CoreCount	<i>Type:</i> integer. Nullable Core count of 1st level pool of this consuming device (assumption: max up to 2 levels of pool hierarchy).
Pool2Name	<i>Type:</i> text (max 256 characters). Nullable Name of 2nd level pool of this consuming device (assumption: max up to 2 levels of pool hierarchy).
Pool2CoreCount	<i>Type:</i> integer. Nullable Core count of 2nd level pool of this consuming device (assumption: max up to 2 levels of pool hierarchy).
ValidFrom	<i>Type:</i> datetime. Key The start time of the PVU usage
ValidTo	<i>Type:</i> datetime The end time of the PVU usage

Database Column	Details
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePVUPointsConsumedPerHostSCD Table

SoftwareLicensePVUPointsConsumedPerHostSCD records how many PVU counts and their corresponding core counts have been consumed for a given license by a given computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 454: Database columns for SoftwareLicensePVUPointsConsumedPerHostSCD table

Database Column	Details
RegionID	Type: integer. Key The region consumption is being recorded for. Foreign key to the Region table. If NULL, device not belonging to any region
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key The host computer. Foreign key to the ComplianceComputer table.
EligibleForSubCapacity	Type: boolean Whether the device is eligible for contributing sub capacity consumption to the license Device is eligible if The license setting has 'Allow sub-capacity licensing for sources other than approved IBM tools and FlexNet Manager Suite' OR IF license setting is 'Use sub-capacity license calculations where available' AND The Host\ Computer is inventoried by Flexera agent. AND The system has ILMT mode turned on
PVUPerCore	Type: integer The number of PVU point per core for the license on the computer.
PVUSubcapacityLimit	Type: integer The maximum number of PVU points can be consumed for the license on the computer.

Database Column	Details
PVUSubcapacity	Type: integer The number of sub-capacity PVU points consumed for the license on the computer.
CoreSubcapacityLimit	Type: integer The maximum number of cores that can be consumed for the license on the computer.
CoreSubcapacity	Type: integer The number of cores consumed for the license on the computer.
ProcessorCount	Type: integer. Nullable The number of processors consumed for the license on the computer.
ValidFrom	Type: datetime. Key The start time of the PVU usage
ValidTo	Type: datetime The end time of the PVU usage
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePVUPointsConsumedPerRegionSCD Table

SoftwareLicensePVUPointsConsumedPerRegionSCD records PVU consumption for a given license in a given region.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 455: Database columns for SoftwareLicensePVUPointsConsumedPerRegionSCD table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
RegionID	Type: integer. Key The region consumption is being recorded for. Foreign key to the Region table. If NULL, consumption is for devices not belonging to any region

Database Column	Details
PVUSubcapacity	Type: integer The number of PVU points consumed for the license in the region.
ValidFrom	Type: datetime. Key The start time of the PVU usage
ValidTo	Type: datetime The end time of the PVU usage
LicenseMeasurementID	Type: integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePVUPointsPeakConsumedData Table

SoftwareLicensePVUPointsPeakConsumedData records current PVU consumption per host and region for the current reporting period.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 456: Database columns for SoftwareLicensePVUPointsPeakConsumedData table

Database Column	Details
RegionID	Type: integer. Key The region consumption is being recorded for. Foreign key to the Region table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key The license being assessed. Foreign key to the ComplianceComputer table.
IsEligibleInventory	Type: boolean Is the device eligible for inventory at consumption calculation
PVUConsumption	Type: integer The PVU points consumed for the host and license in the region at the time of the peak.
CalculatedByILMT	Type: boolean Is the consumption imported from ILMT?

Database Column	Details
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePVURegionPeakCalculatedData Table

SoftwareLicensePVURegionPeakCalculatedData records when the region specific peak was consumed for a region on an IBM PVU type license.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 457: Database columns for SoftwareLicensePVURegionPeakCalculatedData table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
RegionID	Type: integer. Key The region being assessed. Foreign key to the Region table.
PeakStartDate	Type: datetime The date when the latest peak consumption from this license was first recorded for devices in this region.
PeakDate	Type: datetime The date when the region's peak consumption from this license was recorded. (For peaks that persist, this is the date of the most recent license reconcile.)
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePartitioningDefault Table

SoftwareLicensePartitioningDefault contains the sub-capacity licensing rules: the types of virtual machines/partitions and pools which each license type treats as “hard” (able to put a hard limit on processor usage).

Table 458: Database columns for SoftwareLicensePartitioningDefault table

Database Column	Details
SoftwareLicenseTypeID	Type: integer. Key The software license type to which this rule applies. Foreign key to the SoftwareLicenseType table.
VMTypeID	Type: integer. Key. Nullable A virtual machine/partition type that is “hard” for the purposes of this license type. Foreign key to the VMType table.
VMPoolTypeID	Type: integer. Key. Nullable A virtual machine/partition pool type that is “hard” for the purposes of this license type. Foreign key to the VMPoolType table.

SoftwareLicensePoints Table

The SoftwareLicensePoints table holds the criteria for points-based licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 459: Database columns for SoftwareLicensePoints table

Database Column	Details
SoftwareLicensePointsID	Type: integer. Key. Generated ID A unique identifier for a software license criterion.
SoftwareLicenseID	Type: integer. Key The license to which this information applies. Foreign key to the SoftwareLicense table.
ProcessorType	Type: text (max 256 characters). Key The type of processor a computer must have for this criterion to apply, such as “AMD” or “Intel”.
ComputerModelNo	Type: text (max 128 characters). Key The model number a computer must have for this criterion to apply, such as “IBM PS701” or “IBM JS12”.
MinCores	Type: integer. Key The minimum number of processor cores a computer must have for this criterion to apply.

Database Column	Details
MaxCores	<i>Type: integer. Key</i> The maximum number of processor cores a computer must have for this criterion to apply.
MinProcessors	<i>Type: integer. Key</i> The minimum number of processors a computer must have for this criterion to apply.
MaxProcessors	<i>Type: integer. Key</i> The maximum number of processors a computer must have for this criterion to apply.
MinSockets	<i>Type: integer. Key</i> The minimum number of processor sockets a computer must have for this criterion to apply.
MaxSockets	<i>Type: integer. Key</i> The maximum number of processor sockets a computer must have for this criterion to apply.
MinCoresPerSocket	<i>Type: integer. Key</i> The minimum number of processor cores per socket a computer must have for this criterion to apply.
MaxCoresPerSocket	<i>Type: integer. Key</i> The maximum number of processor cores per socket a computer must have for this criterion to apply.
Points	<i>Type: decimal</i> The points value per core or processor.

SoftwareLicensePointsConsumedData Table

SoftwareLicensePointsConsumed records how many license entitlements have been consumed for a given license by a given computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 460: Database columns for SoftwareLicensePointsConsumedData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.
LicensesConsumed	Type: integer The number of entitlements (or points) consumed for the license on the computer.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.
LicensesUsed	Type: integer How many of the points consumed are for installations actually being used.
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePointsConsumedReasonData Table

This table stores information about why an entry in SoftwareLicensePointsConsumed exists.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 461: Database columns for SoftwareLicensePointsConsumedReasonData table

Database Column	Details
ComplianceComputerID	Type: integer. Key The computer under examination. Foreign key to the ComplianceComputer table.
SoftwareLicenseID	Type: integer. Key The license being assessed. Foreign key to the SoftwareLicense table.

Database Column	Details
ReasonTypeID	<i>Type:</i> integer The reason for the points to be consumed here. Foreign key to the SoftwareLicensePointsConsumedReasonType table.
LicenseMeasurementID	<i>Type:</i> integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.

SoftwareLicensePointsConsumedReasonType Table

SoftwareLicensePointsConsumedReasonType stores all the different important attributes that can be stored against a SoftwareLicensePointsConsumed record.

Table 462: Database columns for SoftwareLicensePointsConsumedReasonType table

Database Column	Details
ReasonTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SoftwareLicensePointsConsumedReasonType table.
ReasonResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the reason a license was linked to a title. Foreign key to the ComplianceResourceString table.
ReasonDefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the reason resource string has no translation.

SoftwareLicensePointsDefault Table

The SoftwareLicensePointsDefault table stores a collection of default license points associated with a particular license type.

Table 463: Database columns for SoftwareLicensePointsDefault table

Database Column	Details
SoftwareLicensePointsDefaultID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a default points record.
SoftwareLicenseTypeID	<i>Type:</i> integer. Key The software license type to which this points record applies. Foreign key to the SoftwareLicenseType table.

Database Column	Details
ProcessorType	<p>Type: text (max 256 characters)</p> <p>The type of processor a computer must have for this criterion to apply, such as “AMD” or “Intel”.</p>
ComputerModelNo	<p>Type: text (max 128 characters)</p> <p>The model number a computer must have for this criterion to apply, such as “IBM PS701” or “IBM JS12”.</p>
MinCores	<p>Type: integer</p> <p>The minimum number of processor cores a computer must have for this criterion to apply.</p>
MaxCores	<p>Type: integer</p> <p>The maximum number of processor cores a computer must have for this criterion to apply.</p>
MinProcessors	<p>Type: integer</p> <p>The minimum number of processors a computer must have for this criterion to apply.</p>
MaxProcessors	<p>Type: integer</p> <p>The maximum number of processors a computer must have for this criterion to apply.</p>
MinSockets	<p>Type: integer</p> <p>The minimum number of processor sockets a computer must have for this criterion to apply.</p>
MaxSockets	<p>Type: integer</p> <p>The maximum number of processor sockets a computer must have for this criterion to apply.</p>
MinCoresPerSocket	<p>Type: integer</p> <p>The minimum number of processor cores per socket a computer must have for this criterion to apply.</p>
MaxCoresPerSocket	<p>Type: integer</p> <p>The maximum number of processor cores per socket a computer must have for this criterion to apply.</p>
Points	<p>Type: decimal</p> <p>The points value per core or processor.</p>
DateEffective	<p>Type: datetime. Nullable</p> <p>The date from which these default values are effective. This is used to group sets of rows into sets.</p>

Database Column	Details
Description	Type: text (max 1024 characters). Nullable A description of the points rules.

SoftwareLicensePointsRule Table

The SoftwareLicensePointsRule table stores individual license points rules (mapping of criteria to point value) belonging to a given points rule set.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 464: Database columns for SoftwareLicensePointsRule table

Database Column	Details
SoftwareLicensePointsRuleID	Type: integer. Key. Generated ID A unique identifier for a points rule record.
SoftwareLicensePointsRuleSetID	Type: integer. Key The set to which this rule applies. Foreign key to the SoftwareLicensePointsRuleSet table.
IsCustom	Type: boolean. Key True if the rule is managed by the customer (versus by the ARL).
Description	Type: text (max 1024 characters). Nullable A human-readable description or identifier for the rule.
Points	Type: decimal. Key The points value per core, processor, user, or other resource metric.
ProcessorType	Type: text (max 256 characters) The type of processor a computer must have for this criterion to apply, such as “AMD” or “Intel”.
ComputerModelNo	Type: text (max 128 characters) The model number a computer must have for this criterion to apply, such as “IBM PS701” or “IBM JS12”.
MinCores	Type: integer The minimum number of processor cores a computer must have for this criterion to apply.

Database Column	Details
MaxCores	<p>Type: integer</p> <p>The maximum number of processor cores a computer must have for this criterion to apply.</p>
MinProcessors	<p>Type: integer</p> <p>The minimum number of processors a computer must have for this criterion to apply.</p>
MaxProcessors	<p>Type: integer</p> <p>The maximum number of processors a computer must have for this criterion to apply.</p>
MinSockets	<p>Type: integer</p> <p>The minimum number of processor sockets a computer must have for this criterion to apply.</p>
MaxSockets	<p>Type: integer</p> <p>The maximum number of processor sockets a computer must have for this criterion to apply.</p>
MinCoresPerSocket	<p>Type: integer</p> <p>The minimum number of processor cores per socket a computer must have for this criterion to apply.</p>
MaxCoresPerSocket	<p>Type: integer</p> <p>The maximum number of processor cores per socket a computer must have for this criterion to apply.</p>
MinResource	<p>Type: decimal. Key</p> <p>The minimum resource value for an IBM RVU license for this criterion to apply.</p>
MaxResource	<p>Type: decimal. Key</p> <p>The maximum resource value for an IBM RVU license for this criterion to apply.</p>
MinUsers	<p>Type: integer. Key</p> <p>The minimum number of users relevant to an IBM UVU license for this criterion to apply.</p>
MaxUsers	<p>Type: integer. Key</p> <p>The maximum number of users relevant to an IBM UVU license for this criterion to apply.</p>
MinClockSpeed	<p>Type: integer</p> <p>The minimum value of the highest frequency of fastest processor, measured in megahertz, for this criterion to apply.</p>

Database Column	Details
MaxClockSpeed	<i>Type:</i> integer The maximum value of the highest frequency of fastest processor, measured in megahertz, for this criterion to apply.
MinPurchaseDate	<i>Type:</i> datetime. Nullable The earliest date on which the asset must have been purchased for this criterion to apply.
MaxPurchaseDate	<i>Type:</i> datetime. Nullable The latest date on which the asset must have been purchased for this criterion to apply.
CoverOnPremise	<i>Type:</i> boolean If the value True, the points rule created can be used on-premises devices
CoverAllCloudProviders	<i>Type:</i> boolean If the value True, the points rule created can be used on all cloud service providers. If the value is False, list of cloud providers could be found from SoftwareLicensePointsRuleCloudServiceProvider table
IsShared	<i>Type:</i> boolean

SoftwareLicensePointsRuleCloudServiceProvider Table

SoftwareLicensePointsRuleCloudServiceProvider contains the cloud service providers supported by points rule.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 465: Database columns for SoftwareLicensePointsRuleCloudServiceProvider table

Database Column	Details
SoftwareLicensePointsRuleCloudServiceProviderID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a points rule and a cloud service provider.
SoftwareLicensePointsRuleID	<i>Type:</i> integer. Key Identifies a software license. Foreign key to the SoftwareLicensePointsRule table.

Database Column	Details
CloudServiceProviderID	Type: integer. Key Identifies a cloud service provider. Foreign key to the CloudServiceProvider table.
IsShared	Type: boolean

SoftwareLicensePointsRuleSet Table

The SoftwareLicensePointsRuleSet table stores named sets of points rules associated with a particular license type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 466: Database columns for SoftwareLicensePointsRuleSet table

Database Column	Details
SoftwareLicensePointsRuleSetID	Type: integer. Key. Generated ID A unique identifier for a points rule set record.
SoftwareLicenseTypeID	Type: integer. Key The software license type to which this set applies. Foreign key to the SoftwareLicenseType table.
Description	Type: text (max 256 characters). Key. Nullable A human-readable description or identifier for the set.
IsShared	Type: boolean

SoftwareLicenseProcessorPointsData Table

Stores the number of processors/cores on which points-based licensed software is installed and used, and the corresponding points and factors.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 467: Database columns for SoftwareLicenseProcessorPointsData table

Database Column	Details
ComplianceComputerID	<i>Type:</i> integer. Key The computer under examination. Foreign key to the ComplianceComputerSnapshot table.
SoftwareLicenseID	<i>Type:</i> integer. Key The license being assessed. Foreign key to the SoftwareLicenseSnapshot table.
InstalledCount	<i>Type:</i> decimal The number of processors/cores on which a software title licensed by the license is installed.
UsedCount	<i>Type:</i> decimal The number of processors/cores on which a software title licensed by the license is used.
CapacityCount	<i>Type:</i> decimal The number of processors/cores that apply to a software title licensed by the license under full capacity counting rules.
PointsFactor	<i>Type:</i> decimal The number of points consumed per processor/core on this computer for this license.
InstalledPoints	<i>Type:</i> integer The number of processor/core points required to cover the above InstalledCount.
UsedPoints	<i>Type:</i> integer The number of processor/core points required to cover the above UsedCount.
CapacityPoints	<i>Type:</i> integer The number of processor/core points required to cover the above CapacityCount.
LicenseMeasurementID	<i>Type:</i> integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.
CalculatedConsumption	<i>Type:</i> integer The calculated consumption value for this license assignment before exemptions or overrides are considered.
Overridden	<i>Type:</i> boolean Whether this consumption value was the result of an override.

SoftwareLicenseProduct Table

SoftwareLicenseProduct contains the set of SoftwareTitleProducts covered by a SoftwareLicense. Their product specific use rights on this license are also covered.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 468: Database columns for SoftwareLicenseProduct table

Database Column	Details
SoftwareLicenseProductID	Type: integer. Key. Generated ID A unique identifier for a software license product.
SoftwareLicenseID	Type: integer. Key License whose property value is being stored. Foreign key to the SoftwareLicense table
SoftwareTitleProductID	Type: integer. Key. Nullable The product covered by this license. Foreign key to the SoftwareTitleProduct table.
CurrentSoftwareTitleID	Type: integer. Nullable Identifies the current application for this product on this license (which may change over time as upgrade rights are applied). Foreign key to the SoftwareTitle table.
Supplementary	Type: boolean Whether this product on this license is supplementary (counted for consumption) or not.
MeasuredForCompliance	Type: boolean Whether this product on this license is measured for compliance risks.
ProductRatio	Type: integer If this product is supplementary on the license, the number of entitlements consumed related to the entitlements consumed for the parent product.
ParentProductRatio	Type: integer If this product is supplementary on the license, the number of entitlements consumed related to the entitlements consumed for the supplementary product.
InheritDowngradeFrom Contract	Type: boolean Set this field to True if this license inherits its downgrade rights from a contract. If False (the default), downgrade rights must be configured directly on the license properties.

Database Column	Details
InheritDowngradeFromContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <code>True</code>, this is the contract that downgrade rights are inherited from. Foreign key to the <code>Contract</code> table.</p>
InheritUpgradeFromContract	<p><i>Type:</i> boolean</p> <p>Set this field to <code>True</code> if this license inherits its upgrade rights from a contract. If <code>False</code> (the default), upgrade rights must be configured directly on the license properties.</p>
InheritUpgradeFromContractID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <code>True</code>, this is the contract that downgrade rights are inherited from. Foreign key to the <code>Contract</code> table.</p>
DowngradeEnabled	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, this license can cover previous releases, or lower editions, of applications linked to this license. If this field is <code>False</code> (the default), there is no downgrade right conferred by this license.</p>
DowngradeToVersion	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, the license covers previous releases (with the same edition) of the primary application. If this field is <code>False</code> (the default), earlier versions of the primary application are not covered by downgrade rights.</p>
DowngradeToVersionID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <code>True</code> and the value of this field is <code>NULL</code>, downgrade rights cover all earlier releases (with the same edition) of the primary application. If not <code>NULL</code>, downgrade rights cover all versions of the primary application down to and including this version. Foreign key to the <code>SoftwareTitleVersion</code> table.</p>
DowngradeToEdition	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, the license covers lower editions (with the same version) of the primary application. If this field is <code>False</code> (the default), lower editions of the primary application are not covered by downgrade rights.</p>
DowngradeToEditionID	<p><i>Type:</i> integer. Nullable</p> <p>If the previous field is <code>True</code> and the value of this field is <code>NULL</code>, downgrade rights cover all lower editions (with the same version) of the primary application. If not <code>NULL</code>, downgrade rights cover all editions of the primary application down to and including this edition. Foreign key to the <code>SoftwareTitleEdition</code> table.</p>
UpgradeEnabled	<p><i>Type:</i> boolean</p> <p>If this field is <code>True</code>, the license can cover future releases (with the same edition) of the primary application. If this bit is <code>False</code> (the default), there is no upgrade right conferred by this license.</p>

Database Column	Details
UpgradeToVersion	<p>Type: boolean</p> <p>If this field is <code>True</code>, the license covers later releases (with the same edition) of the primary application. If this field is <code>False</code> (the default), later versions of the primary application are not covered by upgrade rights.</p>
UpgradeToVersionID	<p>Type: integer. Nullable</p> <p>If the previous field is <code>True</code> and the value of this field is <code>NULL</code>, upgrade rights cover all later version (with the same edition) of the primary application. If not <code>NULL</code>, upgrade rights cover all versions of the primary application up to and including this version. Foreign key to the <code>SoftwareTitleEdition</code> table.</p>
UpgradeUntil	<p>Type: boolean</p> <p>If this bit is 1, the upgrade right covers future releases of applications that get linked to this license, provided that the release date of each version is before (or on) a specified date. If this bit is zero (the default), the upgrade right is not date limited.</p>
UpgradeUntilDate	<p>Type: datetime. Nullable</p> <p>If this field is set, only applications released before this date are covered by upgrade rights.</p>

SoftwareLicensePropertyValue Table

For each end-user, `SoftwareLicensePropertyValue` stores the values for the custom properties defined in `SoftwareLicenseTypeProperty`.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 469: Database columns for `SoftwareLicensePropertyValue` table

Database Column	Details
SoftwareLicense PropertyValueID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a property value.</p>
SoftwareLicenseType PropertyID	<p>Type: integer. Key</p> <p>The property whose value is being stored. The type of the license should match the type that the property is associated with. Foreign key to the <code>SoftwareLicenseTypeProperty</code> table.</p>

Database Column	Details
SoftwareLicenseID	<i>Type:</i> integer. Key License whose property value is being stored. Foreign key to the SoftwareLicense table
PropertyValue	<i>Type:</i> text (max 4000 characters) The property value.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

SoftwareLicenseProposalStatus Table

SoftwareLicenseProposalStatus is a static table listing all of the states that a license change proposal can be in.

Table 470: Database columns for SoftwareLicenseProposalStatus table

Database Column	Details
SoftwareLicenseProposalStatusID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SoftwareLicenseProposalStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Pending • 2 = Accepted • 3 = Ignored
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the license change proposal state. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the state resource string has no translation.

SoftwareLicensePurchaseType Table

SoftwareLicensePurchaseType holds a list of purchase types for licenses.

Table 471: Database columns for SoftwareLicensePurchaseType table

Database Column	Details
SoftwareLicense PurchaseTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicensePurchaseType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Volume • 2 = Shrink Wrap • 3 = OEM • 4 = Subscription.
SoftwareLicense PurchaseTypeResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a purchase type. Foreign key to the ComplianceResourceString table.</p>
SoftwareLicense PurchaseTypeDefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

SoftwareLicenseReservation Table

The SoftwareLicenseReservation table lists all reservations for a license entitlement for an application.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 472: Database columns for SoftwareLicenseReservation table

Database Column	Details
SoftwareLicense ReservationID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for this reservation.</p>
SoftwareTitleID	<p>Type: integer. Key</p> <p>The application being reserved. Foreign key to the SoftwareTitle table.</p>

Database Column	Details
SoftwareLicenseID	Type: integer. Key. Nullable The license affected by this reservation, null if any license for the application can be consumed. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key The computer making the reservation. Foreign key to the ComplianceComputer table.
ComplianceUserID	Type: integer. Key. Nullable The user making the reservation. Foreign key to the ComplianceUser table.
PointsReserved	Type: integer The number of points this reservation will ultimately consume.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
SoftwareLicense ReservationTypeID	Type: integer The type of reservation.
SoftwareLicense ReservationStatusID	Type: integer Stores the status of the reservation

SoftwareLicenseReservationNecessityCheckResult Table

The SoftwareLicenseReservationNecessityCheckResult table saves the results of the necessity to do software license reservation for a license entitlement for an application.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 473: Database columns for SoftwareLicenseReservationNecessityCheckResult table

Database Column	Details
SoftwareLicense ReservationNecessity CheckResultID	Type: integer. Key. Generated ID A unique identifier for this reservation necessity check result.

Database Column	Details
SoftwareTitleID	Type: integer. Key The application being reserved. Foreign key to the SoftwareTitle table.
SoftwareLicenseID	Type: integer. Key. Nullable The license affected by this reservation, null if any license for the application can be consumed. Foreign key to the SoftwareLicense table.
ComplianceComputerID	Type: integer. Key The computer making the reservation. Foreign key to the ComplianceComputer table.
ComplianceUserID	Type: integer. Key. Nullable The user making the reservation. Foreign key to the ComplianceUser table.
HasSecondUseRight	Type: boolean No reservation is actually needed because of second use right.
HasUpgradeDowngradeRight	Type: boolean No reservation is actually needed because of upgrade/downgrade right
HasExemptionByDeviceRole	Type: boolean No reservation is actually needed because of exemption by device role.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.

SoftwareLicenseReservationStatus Table

The collection of status values for reservation.

Table 474: Database columns for SoftwareLicenseReservationStatus table

Database Column	Details
SoftwareLicense ReservationStatusID	Type: integer. Key. Generated ID A unique identifier for the reservation status id
SoftwareLicense ReservationStatusName	Type: text (max 128 characters) The name of the reservation status.

SoftwareLicenseReservationType Table

The collection of status values for reservation types.

Table 475: Database columns for SoftwareLicenseReservationType table

Database Column	Details
SoftwareLicense ReservationTypeID	Type: integer. Key. Generated ID A unique identifier for the reservation type id
SoftwareLicense ReservationTypeName	Type: text (max 128 characters) The name of the reservation type.

SoftwareLicenseScopeTag Table

Reserved for future development.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 476: Database columns for SoftwareLicenseScopeTag table

Database Column	Details
SoftwareLicenseID	Type: integer. Key Foreign key to the SoftwareLicense table.
TagID	Type: integer. Key Foreign key to the Tag table.
ScopeTagTypeID	Type: integer. Key Foreign key to the SoftwareLicenseScopeTagType table.

SoftwareLicenseScopeTagType Table

Reserved for future development.

Table 477: Database columns for SoftwareLicenseScopeTagType table

Database Column	Details
ScopeTagTypeID	Type: integer. Key. Generated ID A unique ID for this record.

Database Column	Details
TypeDescription	Type: text (max 50 characters). Key The text value for this type.

SoftwareLicenseScoping Table

SoftwareLicenseScoping links software licenses to enterprise groups, to restrict the rights granted by the licenses to the selected group and its descendants (license scoping).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 478: Database columns for SoftwareLicenseScoping table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The scoped license. Foreign key to the SoftwareLicense table.
GroupExID	Type: text (max 128 characters). Key The enterprise group that this license is restricted to. Any children of this enterprise group are also included in the scope of the license. Foreign key to the GroupEx table.

SoftwareLicenseSecondUseMappingData Table

SoftwareLicenseSecondUseMapping maps pairs of desktop computers and laptop computers against each license conferring the right of second use and covering installations on these computers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 479: Database columns for SoftwareLicenseSecondUseMappingData table

Database Column	Details
SoftwareLicenseID	Type: integer. Key The license conferring the right of second use. Foreign key to the SoftwareLicense table.

Database Column	Details
DesktopComputerID	<i>Type:</i> integer. Key The desktop or primary computer on which the related software is installed. Foreign key to the ComplianceComputer table.
SecondUseComputerID	<i>Type:</i> integer. Key The laptop or second computer covered by this license's right of second use, relative to the installation on the primary computer tracked in the previous field. Foreign key to the ComplianceComputer table.
TotalLicenseGrabs	<i>Type:</i> integer For internal use only. Temporary storage for calculations of overlapping second use and multiple install rights.
IsExternalRoamingLink	<i>Type:</i> boolean Is this a second use link or is it actually an 'external roaming' right?

SoftwareLicenseSnapshot Table

The SoftwareLicenseSnapshot table lists all the snapshotted software licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 480: Database columns for SoftwareLicenseSnapshot table

Database Column	Details
SoftwareLicenseID	<i>Type:</i> integer. Key The snapshotted SoftwareLicenseID.
Name	<i>Type:</i> text (max 256 characters) The snapshotted license name.
LicenseTypeID	<i>Type:</i> integer. Key The license type. Foreign key to the SoftwareLicenseType table.
SoftwareLicense ComplianceStatusID	<i>Type:</i> integer. Nullable The compliance status of this license. Foreign key to the SoftwareLicenseComplianceStatus table. Defaults to "Compliant".
Consumed	<i>Type:</i> integer. Nullable The snapshotted license consumed count.

Database Column	Details
PurchaseQuantity	<i>Type:</i> integer. Nullable The snapshotted license purchase quantity.
PurchasePrice	<i>Type:</i> currency. Nullable The initial purchase price of the license.
PurchasePriceRateID	<i>Type:</i> integer. Nullable The currency rate applied to the purchase price of the license. Foreign key to the CurrencyRate table.
LicenseMeasurementID	<i>Type:</i> integer. Key The snapshot ID. Foreign key to the LicenseMeasurement table.
NumberUsed	<i>Type:</i> integer. Nullable The snapshotted license number used count.
LastCalculatedNUPMinimum	<i>Type:</i> integer. Nullable The snapshotted license last calculated minimum for Oracle Named User Plus licenses.
CalculatedConsumed	<i>Type:</i> integer The calculated consumption value for this license.

SoftwareLicenseTierType Table

SoftwareLicenseTierType is a static table listing the tier types that a software license can have. Used for Tiered Device license type.

Table 481: Database columns for SoftwareLicenseTierType table

Database Column	Details
SoftwareLicenseTierTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SoftwareLicenseTierType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Generic • 2 = Per Processor • 3 = Symantec Server • 4 = Symantec Processor Type • 5 = Symantec Installed Operating System.

Database Column	Details
TierTypeResourceName	<i>Type:</i> text (max 256 characters). Key. Nullable The unique name of the localizable resource string representing a tier type. Foreign key to the ComplianceResourceString table.
TierTypeDefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the type resource string has no translation.
TierCodeValidationRegEx	<i>Type:</i> text (max 256 characters). Nullable The regular expression used to validate the tier code.
TierCodeValidationMsg ResourceName	<i>Type:</i> text (max 256 characters). Nullable The unique name of the localizable resource string representing the message shown when tier code validation fails. Foreign key to the ComplianceResourceString table.
TierCodeValidationMsg DefaultValue	<i>Type:</i> text (max 256 characters). Nullable The text to display if the resource string (for the message shown when tier code validation fails) has no translation.

SoftwareLicenseType Table

SoftwareLicenseType holds the collection of all valid license types.

Table 482: Database columns for SoftwareLicenseType table

Database Column	Details
SoftwareLicenseTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Enterprise • 2 = Device • 3 = Node-Locked • 4 = User • 5 = Concurrent User • 6 = Appliance • 7 = Client Server • 8 = OEM • 9 = Evaluation • 10 = Run-Time • 11 = Device (Processor-Limited) • 12 = Site • 13 = Named User • 14 = Device (Core-Limited) • 15 = Core Points • 16 = Oracle Processor • 17 = Oracle Named User Plus • 18 = Processor Points • 19 = Oracle Legacy • 20 = Enterprise Agreement • 21 = SAP Named User • 22 = Microsoft Server Processor • 23 = CAL Legacy • 24 = Tiered Device • 25 = IBM Processor Value Unit • 26 = IBM Authorized User

Database Column	Details
	<ul style="list-style-type: none"> • 27 = IBM Concurrent User • 28 = IBM Floating User • 29 = Custom Metric • 30 = Processor • 31 = IBM Resource Value Unit • 32 = IBM User Value Unit • 33 = Microsoft Server Core • 34 = Oracle User • 35 = SAP Package • 36 = Microsoft SCCM Client Device • 37 = Microsoft SCCM Client User • 38 = Microsoft Developer Network • 39 = Microsoft Device CAL • 40 = Microsoft User CAL • 41 = Microsoft Server/Management Core • 42 = SaaS User
TypeResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a license type. Foreign key to the ComplianceResourceString table.</p>
TypeDefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
XMLFile	<p>Type: text. Nullable</p> <p>The layout of the property dialog for this type of computer, stored in XML format.</p>
CustomProcedureName	<p>Type: text (max 256 characters). Nullable</p> <p>The stored procedure used to assign licenses for this license type.</p>
DoesLicenseAllowUser Allocations	<p>Type: boolean</p> <p>Set this field to True if the license supports allocations to individual end-users. When False, it cannot be allocated to end-users.</p>

Database Column	Details
DoesLicenseAllow ComputerAllocations	<p>Type: boolean</p> <p>Set this field to True if the license supports allocations to individual computers. When it is False, it cannot be allocated to computers. (Note that for a custom license type, both this and the previous field may be set at the same time.)</p>
DoesLicenseAllow VirtualApplications	<p>Type: boolean</p> <p>Set this field to True if the license supports virtual applications. When it is False, it cannot be consumed by virtual applications. (Note that virtual applications have AccessModelID > 1.)</p>
CanConvertToAndFromType	<p>Type: boolean</p> <p>Set this field to True if an operator is allowed to change the type of this license after it has been created. This field also determines whether this license type is included in the list of types that can be converted to. Oracle licenses, for example, cannot be converted to or from.</p>
ExclusionReasonName	<p>Type: text (max 256 characters). Nullable</p> <p>The unique name of the localizable resource string representing the reason why an installation linked to a license of this type may appear in the Unlicensed Installs node. Foreign key to the ComplianceResourceString table.</p>
ExclusionReasonDefault	<p>Type: text (max 500 characters)</p> <p>The text to display if the reason resource string has no translation.</p>
IncludeInSQLAssignment	<p>Type: boolean</p> <p>Set this field to True if licenses of this type should be processed during the SQL part of the license reconciliation process.</p>
CalculateCompliance	<p>Type: boolean</p> <p>When this field is True (the default), and a SoftwareLicense of this type also has its CalculateCompliance field set to True (the default), that license must have its consumption calculated from imported inventory. When False, the compliance state of licenses with this type must be imported or otherwise set manually, not calculated.</p>
ReconcileAsSoftware LicenseTypeID	<p>Type: integer. Nullable</p> <p>If specified, treat this license type as if it were another for license reconciliation purposes. Foreign key to another type in this SoftwareLicenseType table.</p>
Enabled	<p>Type: boolean</p> <p>Indicates whether this license type is enabled</p>
CoverOnPremise	<p>Type: boolean</p> <p>If the value True, the license created for this type will have on-premise selected in the use rights.</p>

Database Column	Details
CoverAllCloudProviders	<p>Type: boolean</p> <p>If the value True, the license created for this type will have all cloud service provider selected in the use rights. If the value is False, the specific cloud provider values could be found from SoftwareLicenseTypeCloudServiceProviderDefault table</p>

SoftwareLicenseTypeChangeProposal Table

The SoftwareLicenseTypeChangeProposal table is used to store a proposed change of type for a particular software license. The changes have been inferred from changes to the license definition used to create the software license.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 483: Database columns for SoftwareLicenseTypeChangeProposal table

Database Column	Details
SoftwareLicenseTypeChangeProposalID	<p>Type: integer. Key. Generated ID</p> <p>Primary key for the SoftwareLicenseTypeChangeProposal table.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>Foreign key to the SoftwareLicense table.</p>
SoftwareLicenseDefinitionID	<p>Type: integer. Key</p> <p>Foreign key to the SoftwareLicenseDefinition table.</p>
LicenseDefinitionVersion	<p>Type: integer</p> <p>The version of the license definition that has been used for these proposed changes.</p>
SoftwareLicenseUseRightNameID	<p>Type: integer</p> <p>The proposed use right being changed on the software license.</p>
SoftwareLicenseTypeID	<p>Type: integer. Key</p> <p>The proposed license type for the software license.</p>
OldSoftwareLicenseTypeID	<p>Type: integer</p> <p>The existing license type for the software license.</p>
SoftwareLicenseProposalStatusID	<p>Type: integer</p> <p>The state of this software license change proposal.</p>

Database Column	Details
Conflicted	<i>Type:</i> boolean Whether this license type change proposal conflicts with another type proposed for the same license.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was updated.

SoftwareLicenseTypeCloudServiceProviderDefault Table

The SoftwareLicenseTypeCloudServiceProvider table stores default cloud service providers supported by a software license type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 484: Database columns for SoftwareLicenseTypeCloudServiceProviderDefault table

Database Column	Details
SoftwareLicenseTypeID	<i>Type:</i> integer. Key Identifies a software license type. Foreign key to the SoftwareLicenseType table
CloudServiceProviderID	<i>Type:</i> integer. Key Identifies a cloud service provider. Foreign key to the CloudServiceProvider table.
IsShared	<i>Type:</i> boolean

SoftwareLicenseTypePriority Table

SoftwareLicenseTypePriority holds the priority order of license types.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 485: Database columns for SoftwareLicenseTypePriority table

Database Column	Details
SoftwareLicenseTypeID	Type: integer. Key The software license type to which this priority applies. Foreign key to the SoftwareLicenseType table.
CompliancePriority	Type: integer The priority order of the license type when calculating compliance. Licenses with higher priority will be consumed first.

SoftwareLicenseTypeProperty Table

SoftwareLicenseTypeProperty defines extra custom properties for all end-users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 486: Database columns for SoftwareLicenseTypeProperty table

Database Column	Details
SoftwareLicenseTypePropertyID	Type: integer. Key. Generated ID A unique identifier for an individual property.
PropertyName	Type: text (max 256 characters). Key The name of the property.
SoftwareLicenseTypeID	Type: integer. Key License type with which this property is associated. Foreign key to the LicenseType table.
CustomPropertyDisplayXMLID	Type: integer. Nullable Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

SoftwareLicenseUseRight Table

SoftwareLicenseUseRight contains licensing rules most of which can be set by PURL.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 487: Database columns for SoftwareLicenseUseRight table

Database Column	Details
SoftwareLicenseUseRightID	Type: integer. Key. Generated ID A unique identifier
SoftwareLicenseID	Type: integer. Key A unique identifier for a software license.
ReassignmentTimeLimitApplies	Type: boolean If 1 then the license cannot be reassigned for some period of time (example is Microsoft 90 day rule)
ReassignmentTimeLimit	Type: integer. Nullable The period (in days) within which the license cannot be reassigned
LicenseMobilityApplies	Type: boolean 1 if eligible for bringing your own license to cloud environment
NumberOfOSEPerLicense	Type: integer. Nullable Number of OSE per license
NumberOfProcessorsPerOSE	Type: integer. Nullable Number of processors per OSE
TotalNumberOfCoresPerVMPerLicense	Type: integer. Nullable Total number of cores per VM per license
NumberOfCoresPerSocket	Type: integer. Nullable Number of cores per socket
ThirdPartyAccessAllowed	Type: boolean Access to applications is allowed to third party users. This field is defaulted to True
PURLComment	Type: text. Nullable Additional information provided by PURL

Database Column	Details
AllowExternalRoamingUse	<p><i>Type:</i> boolean. Nullable</p> <p>Set this field to True if license allows external roaming use. This field is defaulted to False. This is applicable for both device and user licenses and is related to virtual application access. If 1, this license will consume 1 entitlement per each user. If 0, this license will consume 1 license per each user device. And, if NULL, ignore virtual application access. This can be used in conjunction with VirtualApplicationAccessMaximumUsagePeriod.</p>
MeasurementDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date of the license measurment.</p>
ConsumptionUnit	<p><i>Type:</i> text. Nullable</p> <p>Unit description to describe the consumption amount.</p>
TargetOperatingSystemTypeID	<p><i>Type:</i> integer</p> <p>Type of Operating Systems to target</p>
VirtualApplicationAccessMaximumUsagePeriod	<p><i>Type:</i> integer. Nullable</p> <p>This is a rule for virtual application access. This is used in conjunction with the AllowExternalRoamingUse. For Device licenses, a license will consume 1 entitlement per each user device when used in period specified here. For user licenses, if 1, this license will consume only when used in period specified here.</p>
ExemptCALs	<p><i>Type:</i> boolean</p> <p>If the value True, clients accessing servers that consume this license will be exempted from CAL (no CALs required). Only applicable to Microsoft Server Processor, Microsoft Server Core and Device license types.</p>
CoverOnPremise	<p><i>Type:</i> boolean</p> <p>If the value True, the license is eligible for use on on-premise platform.</p>
CoverAllCloudProviders	<p><i>Type:</i> boolean</p> <p>If the value True, the license is eligible for use on all cloud platforms. If the value is False, the specific cloud provider values could be found from SoftwareLicenseCloudServiceProvider table.</p>
MinimumCoresPerProcessor	<p><i>Type:</i> integer. Nullable</p> <p>Specifies minimum number of cores need to be licensed per processor.</p>
MinimumCoresPerHost	<p><i>Type:</i> integer. Nullable</p> <p>Specifies minimum number of cores need to be licensed per server.</p>

SoftwareLicenseUseRightIBM Table

SoftwareLicenseUseRightIBM contains IBM licensing rules most of which can be set by PURL.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 488: Database columns for SoftwareLicenseUseRightIBM table

Database Column	Details
SoftwareLicenseUseRightIBMID	Type: integer. Key. Generated ID A unique identifier
SoftwareLicenseID	Type: integer. Key A unique identifier for a software license.
PVULimitApplies	Type: boolean If 1 then PVU limits apply
PVULimit	Type: integer. Nullable PVU limit

SoftwareLicenseUseRightName Table

SoftwareLicenseUseRightName is a static table listing all of the use rights that can be applied to a software license.

Table 489: Database columns for SoftwareLicenseUseRightName table

Database Column	Details
SoftwareLicenseUse RightNameID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareLicenseUseRightName. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = License type • 2 = Cover installs on virtual machines • 3 = Limit number of virtual installs • 4 = Number of allowed virtual installs • 5 = Limit virtual installs includes host • 6 = Use host processor information • 7 = Allow IBM PVU sub-capacity from non ILMT • 8 = Limit number of applications each license point covers • 9 = Number of application installs allowed per license point • 10 = Limit number of computers user license can be installed on • 11 = Number of computers allowed per license point • 12 = Minimum number of users • 13 = Minimum number of users multiplied by processors • 14 = Second usage work laptop • 15 = Second usage at home • 16 = Downgrade enabled • 17 = Downgrade to version • 18 = Downgrade to version ID • 19 = Downgrade to edition • 20 = Downgrade to edition ID • 21 = Upgrade enabled • 22 = Upgrade to version • 23 = Upgrade to version ID • 24 = Upgrade until • 25 = Upgrade until date • 26 = Reassignment time limit applies

Database Column	Details
	<ul style="list-style-type: none"> • 27 = Reassignment time limit • 28 = License mobility applies • 29 = Number of OSE per license • 30 = Number of processors per OSE • 31 = Total number of cores per VM per license • 32 = Number of cores per socket • 33 = Third party access allowed • 34 = PURL comment • 35 = Allow external roaming use • 36 = Measurement date • 37 = Consumption unit • 38 = PVU limit applies • 39 = PVU limit • 40 = Points rule set • 41 = Minimum number of processors • 42 = Minimum number of licenses per virtual machine • 43 = Number of sockets • 44 = User multiplier external • 45 = User multiplier infrequent • 46 = Exempted roles • 47 = Exempted role limit • 48 = Measure for compliance • 49 = Ratio from primary • 50 = Ratio to primary • 51 = Exempt CALs • 52 = Minimum cores per processor • 53 = Minimum cores per host

Database Column	Details
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing the proposed action. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 256 characters) The text to display if the state resource string has no translation.

SoftwareLicenseUseRightProposal Table

The `SoftwareLicenseUseRightProposal` table is used to store a summary of use right changes to a particular software license. The changes have been inferred from changes to the license definition used to create the software license.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 490: Database columns for `SoftwareLicenseUseRightProposal` table

Database Column	Details
SoftwareLicenseUseRightProposalID	Type: integer. Key. Generated ID Primary key for the <code>SoftwareLicenseUseRightProposal</code> table.
SoftwareLicenseID	Type: integer. Key Foreign key to the <code>SoftwareLicense</code> table.
SoftwareLicenseDefinitionID	Type: integer. Key Foreign key to the <code>SoftwareLicenseDefinition</code> table.
LicenseDefinitionVersion	Type: integer The version of the license definition that has been used for these proposed changes.
SoftwareLicenseUseRightNameID	Type: integer. Key The proposed use right being changed on the software license.
SoftwareTitleProductID	Type: integer. Key. Nullable Foreign key to the <code>SoftwareTitleProduct</code> table.
Enabled	Type: boolean. Key. Nullable Is this use right being enabled?

Database Column	Details
MD5Value	Type: text (max 32 characters). Key. Nullable The MD5 of Value in Hex.
Value	Type: text (max 4000 characters). Nullable The proposed value for this use right.
OldValue	Type: text (max 4000 characters). Nullable The existing value for this use right.
RelatedID	Type: integer. Nullable The database ID of the proposed object associated with this use right.
OldRelatedID	Type: integer. Nullable The database ID of the old object associated with this use right.
SoftwareLicense ProposalStatusID	Type: integer The state of this software license change proposal.
Conflicted	Type: boolean Whether this license type change proposal conflicts with another type proposed for the same license.
ContractInherited	Type: boolean Whether this license type change proposal is for a use right currently inherited from contract by the license.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was updated.

SoftwareLifeCycle Table

Table 491: Database columns for SoftwareLifeCycle table

Database Column	Details
SoftwareLifeCycleID	Type: integer. Key. Generated ID A unique identifier for an ARL published software life cycle.
SoftwareLifeCycleUID	Type: text (max 64 characters). Key Factory generated identifier
Name	Type: text (max 350 characters) Name of the software life cycle published by software publisher
AvailabilityDate	Type: datetime. Nullable The availability date.
EndOfAvailabilityDate	Type: datetime. Nullable The end of availability date.

SoftwareRecognition Table

Table 492: Database columns for SoftwareRecognition table

Database Column	Details
SoftwareRecognitionID	Type: text (max 30 characters). Key Factory generated identity.
UpdateMode	Type: text (max 20 characters). Nullable Update behavior.
LastCollectiveUpdated	Type: datetime. Nullable Last updated datetime by ARL on all software titles and evidence
LastLinkUpdated	Type: datetime. Nullable Last updated datetime by ARL on the software title links
LastRecordUpdated	Type: datetime. Nullable Last updated datetime by ARL on the software title or evidence records. To know which record this column refers to, see TypeOfID.
LastCollectiveChecksum	Type: integer. Nullable Last collective checksum on successful ARL update

Database Column	Details
LastLinkChecksum	Type: integer. Nullable Last link checksum on successful ARL update
LastRecordChecksum	Type: integer. Nullable Last record checksum on successful ARL update. To know which record this column refers to, see TypeOfID.
LastCollectiveUpdateResult	Type: integer. Nullable Last collective ARL update result
LastLinkUpdateResult	Type: integer. Nullable Last ARL link update result
LastRecordUpdateResult	Type: integer. Nullable Last ARL record update result
RecordAdoptedByARL	Type: boolean When an existing customer record is updated by the ARL, this flag will be set
SoftwareTitleID	Type: integer. Key. Nullable The related SoftwareTitle
ChildSoftwareTitleID	Type: integer. Key. Nullable The related child SoftwareTitle
SoftwareTitleProductID	Type: integer. Key. Nullable The related SoftwareTitleProduct
SoftwareTitleVersionID	Type: integer. Key. Nullable The related SoftwareTitleVersion
SoftwareTitleEditionID	Type: integer. Key. Nullable The related SoftwareTitleEdition
SoftwareTitlePublisherID	Type: integer. Key. Nullable The related SoftwareTitlePublisher
FileEvidenceID	Type: integer. Key. Nullable The related FileEvidence
InstallerEvidenceID	Type: integer. Key. Nullable The related InstallerEvidence
WMIEvidenceID	Type: integer. Key. Nullable The related WMIEvidence

Database Column	Details
AccessEvidenceID	<i>Type:</i> integer. Key. Nullable The related AccessEvidence
RegistryEvidenceID	<i>Type:</i> integer. Nullable The related registry WMIEvidence
SoftwareLicensePointsDefaultID	<i>Type:</i> integer. Key. Nullable The related SoftwareLicensePointsDefault
SoftwareLicensePointsRuleSetID	<i>Type:</i> integer. Key. Nullable The related SoftwareLicensePointsRuleSet
SoftwareLicensePointsRuleID	<i>Type:</i> integer. Key. Nullable The related SoftwareLicensePointsRule
TypeOfID	<i>Type:</i> text (max 32 characters). Key The type of the last updated ARL record

SoftwareSKULookup Table

SoftwareSKULookup maps licenses imported from external source to SKU published by FNMS

Table 493: Database columns for SoftwareSKULookup table

Database Column	Details
SoftwareSKUlookupID	<i>Type:</i> integer. Key. Generated ID A unique identifier for this record.
SourceType	<i>Type:</i> text (max 32 characters). Key
LookupName	<i>Type:</i> text (max 128 characters). Key
SKU	<i>Type:</i> text (max 100 characters) Holds the SKU value.

SoftwareSku Table

SoftwareSku defines all software SKU (stock-keeping unit) numbers.

Table 494: Database columns for SoftwareSku table

Database Column	Details
SoftwareSkuID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a software SKU.
SKUFactoryUID	<i>Type:</i> text (max 30 characters). Key A FlexNet Manager Suite factory unique ID for this SKU.
SKU	<i>Type:</i> text (max 100 characters). Key Holds the SKU value.
SKUDefinition	<i>Type:</i> text Encrypted data that describes this SKU.
SoftwareLicense DefinitionID	<i>Type:</i> integer. Key SKU license definition. Used to create new licenses and link them to applications. Foreign key to the SoftwareLicenseDefinition table.
SoftwareSkuTypeID	<i>Type:</i> integer. Key For internal use only. A numerical representation of the type of SKU.
MaintenanceTypeID	<i>Type:</i> integer For internal use only. A numerical representation of the maintenance type (if any) of the SKU.
Version	<i>Type:</i> integer. Key The current version of the SKU definition.
PreviousVersion	<i>Type:</i> integer. Key. Nullable The version of the SKU definition prior to the current version.
CreationDate	<i>Type:</i> datetime The date that this SKU definition was created.
UpdatedDate	<i>Type:</i> datetime. Nullable The date that this SKU definition was last updated.
SKUPrefixLength	<i>Type:</i> integer. Key. Nullable The location of the % wildcard.

SoftwareTitle Table

The SoftwareTitle table contains the application titles managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 495: Database columns for SoftwareTitle table

Database Column	Details
SoftwareTitleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a software record.
SoftwareTitleTypeID	<i>Type:</i> integer. Key The application type. Foreign key to the SoftwareTitleType table.
SoftwareTitleProductID	<i>Type:</i> integer. Key The application product, which also may specify a publisher. Foreign key to the SoftwareTitleProduct table.
SoftwareTitleVersionID	<i>Type:</i> integer. Key. Nullable The application version. Foreign key to the SoftwareTitleVersion table.
SoftwareTitleEditionID	<i>Type:</i> integer. Key. Nullable The application edition. Foreign key to the SoftwareTitleEdition table.
OperatorManageStateID	<i>Type:</i> integer. Key The management responsibility for this information. Foreign key to the OperatorManageState table.
FullName	<i>Type:</i> text (max 512 characters) By default, the full name of the application is the concatenation of the product, version, and edition fields. The operator may overwrite this with any preferred value.
SoftwareTitle ClassificationID	<i>Type:</i> integer. Nullable The classification of the title. Defaults to None. Foreign key to the SoftwareTitleClassification table.
IsMonitoringSessions	<i>Type:</i> boolean Set this field to True if sessions are being monitored.
UsageSessions	<i>Type:</i> integer An application is considered used if it is opened more than this many times within the monitoring period.
IsMonitoringActiveTime	<i>Type:</i> boolean Set this field to True if active time is being monitored.

Database Column	Details
UsageActiveTime	<p><i>Type:</i> integer</p> <p>An application is considered used if the application active time (time it is in the foreground) exceeds this value during the monitoring period.</p>
UsagePeriod	<p><i>Type:</i> integer</p> <p>The period in months over which to consider usage.</p>
Comments	<p><i>Type:</i> text. Nullable</p> <p>Stores any comments an operator wants to make about a particular application title.</p>
SKU	<p><i>Type:</i> text (max 200 characters). Nullable</p> <p>Deprecated: now use LicensePartNo of the PurchaseOrderDetail table. Stock Keeping Unit (SKU) for the application.</p>
CategoryID	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Any enterprise category associated with this application title. Foreign key to the GroupEx table.</p>
IsLicensable	<p><i>Type:</i> boolean</p> <p>Set this field to True if this application needs a license. If False, the application doesn't need a license.</p>
ReleaseDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the application was released.</p>
IsSharableToLibrary	<p><i>Type:</i> boolean</p> <p>Set this field to True if the application is sharable to the FlexNet Manager Suite ARL library.</p>
AutoManageLicensePriority	<p><i>Type:</i> boolean</p> <p>Set this field to True if the application should automatically manage the priority of attached licenses.</p>
TitleRequiresStrict Matching	<p><i>Type:</i> boolean</p> <p>Set this field to True if the application should use stricter matching rules, requiring all evidence of all types to be present.</p>
SupportedUntil	<p><i>Type:</i> datetime. Nullable</p> <p>The date the application will be supported</p>
ExtendedSupportUntil	<p><i>Type:</i> datetime. Nullable</p> <p>The date the application will be supported, in extended case</p>
StartOfLifeDate	<p><i>Type:</i> datetime. Nullable</p> <p>Start of life Date</p>

Database Column	Details
EndOfSalesDate	Type: datetime. Nullable End of sales Date
EndOfLifeDate	Type: datetime. Nullable End of life Date
SoftwareTitleActionID	Type: integer A categorization for the application in the enterprise. Defaults to New.Foreign key to the SoftwareTitleAction table.
HasInstalls	Type: boolean If this field is True this application has at least one installation. If False, the application has no installations.
SoftwareLifeCycleID	Type: integer. Key. Nullable Foreign key to the SoftwareLifeCycle table.
HasCustomEndOfSupportLife	Type: boolean. Nullable Set this field to indicate custom end of support life for this application.
CustomEndOfSupportLife Date	Type: datetime. Nullable Custom end of support life date.
IsShared	Type: boolean

SoftwareTitleAccessEvidence Table

SoftwareTitleAccessEvidence links software (application) titles to access evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 496: Database columns for SoftwareTitleAccessEvidence table

Database Column	Details
SoftwareTitleID	Type: integer. Key The software title to which the access evidence is related. Foreign key to the SoftwareTitle table.
AccessEvidenceID	Type: integer. Key The access evidence related to the software title. Foreign key to the AccessEvidence table.

Database Column	Details
IsLocal	<i>Type:</i> boolean If this field is <code>False</code> , the link has come from the ARL. If it is <code>True</code> , then the link has been created by an operator.
IsShared	<i>Type:</i> boolean

SoftwareTitleAction Table

SoftwareTitleAction is a static table listing action outcomes for the application in the enterprise.

Table 497: Database columns for SoftwareTitleAction table

Database Column	Details
SoftwareTitleActionID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SoftwareTitleAction. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Unmanaged (recently created application, not yet categorized) • 2 = Authorized (application is authorized for use in the enterprise) • 3 = Unauthorized (application is not authorized for use) • 4 = Ignored (application will not be tracked by the enterprise) • 5 = Inactive (application is not in use in the enterprise). • 6 = Deferred (application installed in enterprise but marked for later attention).
ActionResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing an action outcome. Foreign key to the ComplianceResourceString table.
ActionDefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the action outcome resource string has no translation.

SoftwareTitleClassification Table

SoftwareTitleClassification is a static table listing the possible classifications for software titles.

Table 498: Database columns for SoftwareTitleClassification table

Database Column	Details
SoftwareTitle ClassificationID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SoftwareTitleClassification. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Shareware • 2 = Freeware • 3 = Commercial • 4 = Update • 5 = Malware • 6 = Beta • 7 = XRated • 8 = None • 9 = Component.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an application classification. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the classification resource string has no translation.</p>

SoftwareTitleEOSL Table

The SoftwareTitleEOSL table stores attributes of an application EOSL dates. These will only be populated if the FNMS for EOSL is present.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 499: Database columns for SoftwareTitleEOSL table

Database Column	Details
SoftwareTitleID	<p>Type: integer. Key</p> <p>The EOSL dates. Foreign key to the SoftwareTitle table.</p>

Database Column	Details
StartOfLifeDate	Type: datetime. Nullable Start of life Date
ReleaseDate	Type: datetime. Nullable The date the application was released.
EndOfSalesDate	Type: datetime. Nullable End of sales Date
SupportedUntil	Type: datetime. Nullable The date the application will be supported
ExtendedSupportUntil	Type: datetime. Nullable The date the application will be supported, in extended case
EndOfLifeDate	Type: datetime. Nullable End of life Date
IsShared	Type: boolean

SoftwareTitleEdition Table

A list of application editions, which must be unique for a given product. Examples include “Ultimate”, “Professional” and “32 bit”.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 500: Database columns for SoftwareTitleEdition table

Database Column	Details
SoftwareTitleEditionID	Type: integer. Key. Generated ID The unique identifier for an edition.
SoftwareTitleProductID	Type: integer. Key The edition's product. Foreign key to the SoftwareTitleProduct table.
EditionName	Type: text (max 50 characters). Key The text for this application edition.
EditionWeight	Type: decimal Edition weight (for ordering, so we know which editions are upgrades/downgrades of other editions).

Database Column	Details
IsLocal	Type: boolean If this field is False, the edition has come from the ARL. If it is True, then the edition has been created by an operator.
IsShared	Type: boolean

SoftwareTitleEx Table

The SoftwareTitleEx table contains additional information on the application titles managed by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 501: Database columns for SoftwareTitleEx table

Database Column	Details
SoftwareTitleID	Type: integer. Key A unique identifier for a software record.
OperatorManageStateID	Type: integer. Nullable The management responsibility for this information. Foreign key to the OperatorManageState table.
AutoManageLicensePriority	Type: boolean. Nullable Set this field to True if the application should automatically manage the priority of attached licenses.
IsMonitoringSessions	Type: boolean. Nullable Set this field to True if sessions are being monitored.
UsageSessions	Type: integer. Nullable An application is considered used if it is opened more than this many times within the monitoring period.
IsMonitoringActiveTime	Type: boolean. Nullable Set this field to True if active time is being monitored.
UsageActiveTime	Type: integer. Nullable An application is considered used if the application active time (time it is in the foreground) exceeds this value during the monitoring period.

Database Column	Details
UsagePeriod	<i>Type:</i> integer. Nullable The period in months over which to consider usage.
SoftwareTitleActionID	<i>Type:</i> integer. Key. Nullable A categorization for the application in the enterprise. Defaults to New.Foreign key to the SoftwareTitleAction table.
HasInstalls	<i>Type:</i> boolean. Nullable If this field is True this application has at least one installation. If False, the application has no installations.
HasCustomEndOfSupportLife	<i>Type:</i> boolean. Nullable Set this field to indicate custom end of support life for this application.
CustomEndOfSupportLife Date	<i>Type:</i> datetime. Nullable Custom end of support life date.

SoftwareTitleFileEvidence Table

SoftwareTitleFileEvidence links software (application) titles to file evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 502: Database columns for SoftwareTitleFileEvidence table

Database Column	Details
SoftwareTitleID	<i>Type:</i> integer. Key The application title to which the file evidence is related. Foreign key to the SoftwareTitle table.
FileEvidenceID	<i>Type:</i> integer. Key The file evidence related to the software title. Foreign key to the FileEvidence table.
EvidenceExistenceRuleID	<i>Type:</i> integer The evidence existence rule related to the software title. Foreign key to the EvidenceExistenceRule table.

Database Column	Details
TrackUsage	<p>Type: boolean</p> <p>If this field is <code>True</code>, the linked file evidence should be considered when calculating whether the application title is being used. If <code>False</code>, the file is not tracked for usage calculations.</p>
IsLocal	<p>Type: boolean</p> <p>If this field is <code>False</code>, the link has come from the ARL. If it is <code>True</code>, then the link has been created by an operator.</p>
IsShared	<p>Type: boolean</p>

SoftwareTitleHierarchy Table

SoftwareTitleHierarchy records a hierarchy of applications. This table records relationships between Oracle database and component applications, between suites and their members, and between generic titles and more specific ones that will replace them.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 503: Database columns for SoftwareTitleHierarchy table

Database Column	Details
ParentSoftwareTitleID	<p>Type: integer. Key</p> <p>The parent application. Foreign key to the SoftwareTitle table.</p>
ChildSoftwareTitleID	<p>Type: integer. Key</p> <p>The child application. Foreign key to the SoftwareTitle table.</p>
IsLicensable	<p>Type: boolean. Nullable</p> <p>This field is used for Oracle option titles. Set this field to <code>True</code> to indicate that the child application needs to be separately licensed. If this field is <code>False</code>, the child application does not need to be separately licensed when the parent application is present and licensed.</p>
IsMandatory	<p>Type: boolean. Nullable</p> <p>This field is used on component applications of software suites. When the value is <code>True</code>, the child application must be installed for the suite to be recognized as installed. Otherwise, the application may or may not be installed for the suite to be recognized.</p>

Database Column	Details
RemovalOfChild	<p>Type: boolean. Nullable</p> <p>This field is used to allow removal of titles when higher quality titles (with more specified evidence) are also found installed. When the value is True, the child application should be removed if evidence is found that both it and its parent title are installed. Otherwise, the child application is left in place.</p>
IsLocal	<p>Type: boolean</p> <p>If this field is False, the link has come from the ARL. If it is True, then the link has been created by an operator.</p>
IsMandatoryDefault	<p>Type: boolean. Nullable</p> <p>This field is used on component applications of software suites. This indicates the Default value of the Mandatory field and can be used to determine if this has been overridden by the user, in the case of an application with non-local membership to the suite (that is, the ARL specifies that the app belongs to the suite).</p>
IsShared	<p>Type: boolean</p>

SoftwareTitleHierarchyEx Table

The SoftwareTitleHierarchyEx table contains additional information on the suite by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 504: Database columns for SoftwareTitleHierarchyEx table

Database Column	Details
ParentSoftwareTitleID	<p>Type: integer. Key</p> <p>The parent application. Foreign key to the SoftwareTitle table.</p>
ChildSoftwareTitleID	<p>Type: integer. Key</p> <p>The child application. Foreign key to the SoftwareTitle table.</p>
IsMandatory	<p>Type: boolean. Nullable</p> <p>This field is used on component applications of software suites. When the value is True, the child application must be installed for the suite to be recognized as installed. Otherwise, the application may or may not be installed for the suite to be recognized.</p>

SoftwareTitleInstallerEvidence Table

SoftwareTitleInstallerEvidence links software (application) titles to installer evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 505: Database columns for SoftwareTitleInstallerEvidence table

Database Column	Details
SoftwareTitleID	Type: integer. Key The software title to which the installer evidence is related. Foreign key to the SoftwareTitle table.
InstallerEvidenceID	Type: integer. Key The installer evidence related to the software title. Foreign key to the InstallerEvidence table.
IsLocal	Type: boolean If this field is False, the link has come from the ARL. If it is True, then the link has been created by an operator.
IsShared	Type: boolean

SoftwareTitleLicense Table

The SoftwareTitleLicense table links software (application) titles to licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 506: Database columns for SoftwareTitleLicense table

Database Column	Details
SoftwareTitleID	Type: integer. Key The application. Foreign key to the SoftwareTitle table.
SoftwareLicenseID	Type: integer. Key The license covering this application. Foreign key to the SoftwareLicense table.

Database Column	Details
CompliancePriority	<i>Type:</i> integer. Nullable Installations of this application will consume the linked licenses in this table in order of priority. When NULL, the default priority stored in SoftwareLicenseType table will be used.
LicenseKeyValue	<i>Type:</i> text (max 400 characters). Nullable The license (installation) key value to be used when this license covers an installation of this application.
SoftwareTitleLicenseReasonID	<i>Type:</i> integer The reason that this application has been added to this license. Foreign key to the SoftwareTitleLicenseReason table.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.

SoftwareTitleLicenseProposal Table

The SoftwareTitleLicenseProposal table is used to store a summary of application changes to a particular software license. The changes have been inferred from changes to the license definition used to create the software license.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 507: Database columns for SoftwareTitleLicenseProposal table

Database Column	Details
SoftwareTitleLicenseProposalID	<i>Type:</i> integer. Key. Generated ID Primary key for the SoftwareTitleLicenseProposal table.
SoftwareTitleID	<i>Type:</i> integer. Key Foreign key to the SoftwareTitle table.
SoftwareTitleProductID	<i>Type:</i> integer. Key. Nullable Foreign key to the SoftwareTitleProduct table.

Database Column	Details
OldPrimarySoftwareTitleID	<i>Type:</i> integer. Nullable The existing primary application of the license. This can be null if there is no primary application.
Supplementary	<i>Type:</i> boolean Whether this product will be added to this license as supplementary (counted for consumption) or not.
SoftwareLicenseID	<i>Type:</i> integer. Key Foreign key to the SoftwareLicense table.
SoftwareLicenseDefinitionID	<i>Type:</i> integer. Key Foreign key to the SoftwareLicenseDefinition table.
LicenseDefinitionVersion	<i>Type:</i> integer The version of the license definition that has been used for these proposed changes.
SoftwareTitleLicenseProposalActionID	<i>Type:</i> integer. Key The proposed action for the software title on the software license.
SoftwareLicenseProposalStatusID	<i>Type:</i> integer The state of this software license change proposal.
Conflicted	<i>Type:</i> boolean Whether this license title change proposal conflicts with another for the same license.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was updated.

SoftwareTitleLicenseProposalAction Table

SoftwareTitleLicenseProposalAction is a static table listing all of the actions that can be proposed for a software title on a software license.

Table 508: Database columns for SoftwareTitleLicenseProposalAction table

Database Column	Details
SoftwareTitleLicense ProposalActionID	<i>Type:</i> integer. Key. Generated ID
ResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the SoftwareTitleLicenseProposalAction record. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 256 characters) The text to display if the state resource string has no translation.

SoftwareTitleLicenseReason Table

SoftwareTitleLicenseReason is a static table listing valid reasons why a software title was added to a license.

Table 509: Database columns for SoftwareTitleLicenseReason table

Database Column	Details
SoftwareTitleLicense ReasonID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each SoftwareTitleLicenseReason. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Manual • 2 = Current • 3 = Edition Downgrade • 4 = Version Downgrade • 5 = Version Upgrade.
ReasonResourceName	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing the reason a license was linked to a title. Foreign key to the ComplianceResourceString table.
ReasonDefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the reason resource string has no translation.

SoftwareTitleOracle Table

The SoftwareTitleOracle table stores attributes of an application installation that are relevant to Oracle

applications only. These characteristics are important for Oracle licensing.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 510: Database columns for SoftwareTitleOracle table

Database Column	Details
SoftwareTitleID	Type: integer. Key The Oracle application. Foreign key to the SoftwareTitle table.
MaximumSockets	Type: integer. Nullable The maximum number of sockets allowed on a computer where the application is installed.
NUPPProcessorMultiplier	Type: integer. Nullable The multiplier value to use when determining the minimum Named User Plus licenses for the application.
OverrideSoftwareTitleTypeID	Type: integer. Nullable If this is not null, then the application was initially created as non-Oracle, but the operator wants to license it as an Oracle title. Foreign key to the SoftwareTitleType table.
IsShared	Type: boolean

SoftwareTitleProduct Table

The “product”, unique for a given publisher, is the common name of a set of applications, independent of version or edition (for example, “Acrobat”).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 511: Database columns for SoftwareTitleProduct table

Database Column	Details
SoftwareTitleProductID	Type: integer. Key. Generated ID The unique identifier for a product.
SoftwareTitlePublisherID	Type: integer. Key. Nullable The publisher of this product. Foreign key to the SoftwareTitlePublisher table.

Database Column	Details
ProductName	Type: text (max 200 characters). Key The application's product name.
IsLocal	Type: boolean If this field is <code>False</code> , the product has come from the ARL. If it is <code>True</code> , then the product has been created by an operator.
IsShared	Type: boolean

SoftwareTitleProperty Table

SoftwareTitleProperty defines extra custom properties for all applications.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 512: Database columns for SoftwareTitleProperty table

Database Column	Details
SoftwareTitlePropertyID	Type: integer. Key. Generated ID The unique identifier for a software title property.
PropertyName	Type: text (max 256 characters). Key The name of the property.
CustomPropertyDisplayXMLID	Type: integer. Nullable Foreign key to a record in the CustomPropertyDisplayXML table, describing how to show the property on a property dialog.

SoftwareTitlePropertyValue Table

For each application, SoftwareTitlePropertyValue stores the values for the custom properties defined in SoftwareTitleProperty.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 513: Database columns for SoftwareTitlePropertyValue table

Database Column	Details
SoftwareTitleProperty ValueID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a property value.
SoftwareTitleID	<i>Type:</i> integer. Key The title for which the property is being stored. Foreign key to the SoftwareTitle table.
SoftwareTitlePropertyID	<i>Type:</i> integer. Key The property whose value is being stored. Foreign key to the SoftwareTitleProperty table.
PropertyValue	<i>Type:</i> text (max 4000 characters) The property value.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the record.
CreationDate	<i>Type:</i> datetime The date the record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the record was last updated.

SoftwareTitlePublisher Table

Publishers of software applications (for example, “Microsoft”). Note that only application records take the publisher name from this table. License and contract records take the publisher name from the Vendor table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 514: Database columns for SoftwareTitlePublisher table

Database Column	Details
SoftwareTitlePublisherID	<i>Type:</i> integer. Key. Generated ID The unique identifier for a publisher.

Database Column	Details
PublisherName	Type: text (max 200 characters). Key The publisher name.
IsLocal	Type: boolean If this field is False, the publisher has come from the ARL. If it is True, then the publisher has been created by an operator.
EOSLUrl	Type: text (max 2083 characters). Nullable The publisher's end of support life URL.
IsShared	Type: boolean

SoftwareTitleRegistryEvidence Table

Reserved for future use.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 515: Database columns for SoftwareTitleRegistryEvidence table

Database Column	Details
SoftwareTitleID	Type: integer. Key The software title to which the registry evidence is related. Foreign key to the SoftwareTitle table.
RegistryEvidenceID	Type: integer. Key The registry evidence related to the software title. Foreign key to the RegistryEvidence table.
IsShared	Type: boolean

SoftwareTitleSuite Table

For software that has been classed as a suite (because it has other applications linking to it as component applications), SoftwareTitleSuite identifies how many of its member applications must be present for the installation to count as a suite installation, using “application evidence” for suite recognition.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 516: Database columns for SoftwareTitleSuite table

Database Column	Details
SoftwareTitleID	Type: integer. Key The suite. Foreign key to the SoftwareTitle table.
MinNumberApps	Type: integer The minimum number of member applications of the software suite that must be installed.
MinNumberAppsDefault	Type: integer. Nullable The original, default value of MinNumberApps before it was changed.
IsShared	Type: boolean

SoftwareTitleSuiteEx Table

The SoftwareTitleSuiteEx table contains additional information on the suite by FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 517: Database columns for SoftwareTitleSuiteEx table

Database Column	Details
SoftwareTitleID	Type: integer. Key A unique identifier for a software record.
MinNumberApps	Type: integer. Nullable The minimum number of member applications of the software suite that must be installed.

SoftwareTitleType Table

SoftwareTitleType is a static table listing possible types of software (application) titles. This is used particularly to identify types that need special processing. It is quite distinct from license types.

Table 518: Database columns for SoftwareTitleType table

Database Column	Details
SoftwareTitleTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for a SoftwareTitleType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = General • 2 = Oracle Database • 3 = Oracle Option • 4 = Oracle Application • 5 = Oracle EBS Server • 6 = Oracle EBS.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a document type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>
InstanceTypeID	<p>Type: integer</p> <p>The type of instance that can be created for this application. Foreign key to the InstanceType table.</p>

SoftwareTitleVersion Table

A list of application versions, which must be unique for a given product. Examples include “6.4”, “XP”, “Vista” and “2003”.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 519: Database columns for SoftwareTitleVersion table

Database Column	Details
SoftwareTitleVersionID	<p>Type: integer. Key. Generated ID</p> <p>The unique identifier for a version.</p>

Database Column	Details
SoftwareTitleProductID	Type: integer. Key The version's product. Foreign key to the SoftwareTitleProduct table.
VersionName	Type: text (max 50 characters). Key The text for this application version.
VersionWeight	Type: decimal Version weight (for ordering, so we know which versions are upgrades/downgrades of other versions).
IsLocal	Type: boolean If this field is False, the version has come from the ARL. If it is True, then the version has been created by an operator.
IsShared	Type: boolean

SoftwareTitleVersionServicePack Table



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 520: Database columns for SoftwareTitleVersionServicePack table

Database Column	Details
SoftwareTitleVersionID	Type: integer. Key The application version. Foreign key to the SoftwareTitleVersion table.
ServicePackID	Type: integer. Key The service pack. Foreign key to the ServicePack table.

SoftwareTitleWMIEvidence Table

SoftwareTitleWMIEvidence links software titles to WMI evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 521: Database columns for SoftwareTitleWMIEvidence table

Database Column	Details
SoftwareTitleID	Type: integer. Key The software title to which the WMI evidence is related. Foreign key to the SoftwareTitle table.
WMIEvidenceID	Type: integer. Key The WMI evidence related to the software title. Foreign key to the WMIEvidence table.
IsLocal	Type: boolean If this field is False, the link has come from the ARL. If it is True, then the link has been created by an operator.
IsShared	Type: boolean

SoftwareUserLicensePointsConsumedData Table

SoftwareUserLicensePointsConsumed records how many software license entitlements have been consumed for a given license by a given end-user.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 522: Database columns for SoftwareUserLicensePointsConsumedData table

Database Column	Details
ComplianceUserID	Type: integer. Key The end-user. Foreign key to the ComplianceUserSnapshot table.
SoftwareLicenseID	Type: integer. Key The license. Foreign key to the SoftwareLicenseSnapshot table.
LicensesConsumed	Type: integer The number of points (or entitlements) consumed for the license by the end-user.
CalculatedConsumption	Type: integer The calculated consumption value for this license assignment before exemptions or overrides are considered.
LicensesUsed	Type: integer How many of the points consumed are for installations that are actually being used.

Database Column	Details
LicenseMeasurementID	Type: integer. Key The license measurement ID. Foreign key to the LicenseMeasurement table.

SoftwareUserLicensePointsConsumedSuggested Table

SoftwareUserLicensePointsConsumedSuggested records how many software license entitlements would be consumed by an end-user for an optimized (suggested) license. Currently used to track optimized license usage suggested by FlexNet Manager for SAP.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 523: Database columns for SoftwareUserLicensePointsConsumedSuggested table

Database Column	Details
ComplianceUserID	Type: integer. Key The end-user. Foreign key to the ComplianceUser table.
SuggestedSoftwareLicenseID	Type: integer. Key The suggested or optimized license. Foreign key to the SoftwareLicense table.
LicensesConsumed	Type: integer The number of points (or entitlements) consumed for the license by the end-user.
LicensesUsed	Type: integer How many of the points consumed are for installations that are actually being used.
LicenseMeasurementID	Type: integer. Key The associated SAP license measurement snapshot. Foreign key to the LicenseMeasurement table.
LicensesCalculated	Type: integer The number of points (or entitlements) calculated for the license by the end-user.

SoftwareUserLicensePointsConsumedSuggestedHistory Table

SoftwareUserLicensePointsConsumedSuggestedHistory table records the history of suggested (optimised)

license consumption.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 524: Database columns for SoftwareUserLicensePointsConsumedSuggestedHistory table

Database Column	Details
ComplianceUserID	Type: integer. Key The end-user. Foreign key to the ComplianceUser table.
SuggestedSoftwareLicenseID	Type: integer. Key The suggested or optimized license. Foreign key to the SoftwareLicense table.
LicensesConsumed	Type: integer The number of points (or entitlements) consumed for the license by the end-user.
LicensesUsed	Type: integer How many of the points consumed are for installations that are actually being used.
LicenseMeasurementID	Type: integer. Key The associated SAP license measurement snapshot. Foreign key to the LicenseMeasurement table.
LicensesCalculated	Type: integer The number of points (or entitlements) calculated for the license by the end-user.

SoftwareUserLicensePointsHistory Table

SoftwareUserLicensePointsHistory records history of license consumption by end-users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 525: Database columns for SoftwareUserLicensePointsHistory table

Database Column	Details
ComplianceUserID	Type: integer. Key The end-user. Foreign key to the ComplianceUser table.

Database Column	Details
SoftwareLicenseID	<i>Type:</i> integer. Key The license. Foreign key to the SoftwareLicense table.
LicensesConsumed	<i>Type:</i> integer The number of points (or entitlements) consumed for the license by an end-user.
LicensesUsed	<i>Type:</i> integer How many of the points consumed are for installations that are actually being used.
LicenseMeasurementID	<i>Type:</i> integer. Key The associated SAP license measurement snapshot. Foreign key to the LicenseMeasurement table.
LicensesCalculated	<i>Type:</i> integer The number of points (or entitlements) calculated for the license by the end-user.

Tag Table

Reserved for future development.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 526: Database columns for Tag table

Database Column	Details
TagID	<i>Type:</i> integer. Key. Generated ID The unique ID for this tag.
Name	<i>Type:</i> text (max 128 characters). Key The name of this tag.
Description	<i>Type:</i> text Description of this tag and its purpose.

TargetOperatingSystemType Table

TargetOperatingSystemType; is a static table listing all types of OSes that can be targeted by licensing.

Table 527: Database columns for TargetOperatingSystemType table

Database Column	Details
TargetOperatingSystemTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each TargetOperatingSystemType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = All • 2 = Windows Server operating systems • 3 = Windows desktop operating systems • 4 = Non Windows Server operating systems
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an Operating System family. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

TemporalInstalledSoftwareSCD Table

TemporalInstalledSoftwareSCD is a table listing history of all the installations of an application (as defined in the SoftwareTitle table).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 528: Database columns for TemporalInstalledSoftwareSCD table

Database Column	Details
ComplianceComputerID	<p>Type: integer. Key</p> <p>The computer on which the software is installed. Foreign key to the ComplianceComputer table.</p>
SoftwareTitleID	<p>Type: integer. Key</p> <p>The software that is installed. Foreign key to the SoftwareTitle table.</p>
ValidFrom	<p>Type: datetime. Key</p> <p>Date from which these properties became valid.</p>

Database Column	Details
ValidTo	<i>Type:</i> datetime. Key Date these properties were valid to, or 9999-12-31T23:59:59.997 if they are currently valid.
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable LicenseID of license to which this installation has been assigned.

VDI Table

VDI is the list of VDI devices



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 529: Database columns for VDI table

Database Column	Details
VDIID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a VDI device.
ComputerName	<i>Type:</i> text (max 256 characters). Key The computer name of the VDI.
ComplianceDomainID	<i>Type:</i> integer. Key. Nullable The domain the VDI is a member of. Foreign key to the ComplianceDomain table.
VDIGroupID	<i>Type:</i> integer. Key The VDI group the VDI device belongs to. Foreign key to the VDIGroup table.
VDITemplateID	<i>Type:</i> integer. Key The master VM template of the VDI. Foreign key to the VDI Template table.
RetiredDate	<i>Type:</i> datetime. Key. Nullable The date the VDI device was deleted.
ApplicationDeliveryOnly	<i>Type:</i> boolean. Key Determines whether the VDI device is used only to server applications.

VDIEndPointAccess Table

VDIEndPointAccess is the list of endpoint devices that have accessed VDI devices



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 530: Database columns for VDIEndPointAccess table

Database Column	Details
VDIEndPointAccessID	Type: integer. Key. Generated ID A unique identifier for an endpoint device accessing a VDI.
ComplianceComputerID	Type: integer. Key. Nullable A unique identifier for the endpoint. Foreign key to the ComplianceComputer table.
ComplianceUserID	Type: integer. Key. Nullable A unique identifier for the endpoint user. Foreign key to the ComplianceUser table.
VDIID	Type: integer. Key A unique identifier for the VDI. Foreign key to the VDI table.
LogonTime	Type: datetime. Nullable The date the user logged on to the VDI.

VDIGroup Table

VDIGroup stores the list of available VDI groups in a VDI environment.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 531: Database columns for VDIGroup table

Database Column	Details
VDIGroupID	Type: integer. Key. Generated ID A unique identifier for a VDI Group record.
GroupName	Type: text (max 128 characters). Key The VDI Group name

Database Column	Details
VDISiteID	Type: integer. Key The VDI site ID
VDIGroupUUID	Type: unique identifier. Key. Nullable The UUID of the VDI group

VDISite Table

VDISite stores the list of available VDI sites.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 532: Database columns for VDISite table

Database Column	Details
VDISiteID	Type: integer. Key. Generated ID A unique identifier for a VDI site record.
SiteName	Type: text (max 256 characters). Key The VDI Group name
AccessModeID	Type: integer. Key The access mode of the VDI site. Foreign key to the AccessMode table.

VDITemplate Table

VDITemplate stores the list of available VDI groups in a VDI environment.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 533: Database columns for VDITemplate table

Database Column	Details
VDITemplateID	Type: integer. Key. Generated ID A unique identifier for a VDI Group record.

Database Column	Details
TemplateName	Type: text (max 256 characters). Key The VDI template name.
VDISiteID	Type: integer. Key. Nullable The VDI template's site ID
ComplianceComputerID	Type: integer. Key. Nullable The VDI template's ComplianceComputerID

VDIUser Table

VDIUser is the list of users that have access to VDI groups



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 534: Database columns for VDIUser table

Database Column	Details
VDIUserID	Type: integer. Key. Generated ID A unique identifier for a VDI User.
VDIGroupID	Type: integer. Key A unique identifier for the VDI Group. Foreign key to the VDIGroup table.
ComplianceUserID	Type: integer. Key. Nullable A unique identifier for the user with access to a VDI Group. Foreign key to the ComplianceUser table.

WMIEvidence Table

WMIEvidence lists WMI evidence that is used to identify that a particular item of software (defined in the SoftwareTitle table) has been installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 535: Database columns for WMIEvidence table

Database Column	Details
WMIEvidenceID	Type: integer. Key. Generated ID A unique identifier for a WMI evidence record.
ClassName	Type: text (max 50 characters). Key The WMI class name of the WMI evidence.
PropertyName	Type: text (max 50 characters). Key The WMI property name of the WMI evidence.
PropertyValue	Type: text (max 256 characters). Key The value of the WMI evidence property.
Ignored	Type: boolean Set this field to True if this WMI evidence is ignored for application recognition.
IsShared	Type: boolean

WMIEvidenceMatchCount Table

WMIEvidenceMatchCount tracks the number of times that each WMI evidence (rule) has been detected as installed and recorded in the data source. A separate count is kept for each WMI evidence rule, and for each data source.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 536: Database columns for WMIEvidenceMatchCount table

Database Column	Details
WMIEvidenceMatchCountID	Type: integer. Key. Generated ID A synthetic unique identifier is required, since ComplianceConnectionID, being nullable, cannot be included in the primary key.
WMIEvidenceID	Type: integer. Key WMI evidence rule being matched. Foreign key to the WMIEvidence table.
ComplianceConnectionID	Type: integer. Key. Nullable Data source where the match is occurring. Foreign key to the ComplianceConnection table.

Database Column	Details
MatchedCount	<i>Type:</i> integer The number of installed WMI evidence records in this data source matching this WMI evidence rule.
InstallCount	<i>Type:</i> integer The number of physical application installations recognized in this data source using this WMI evidence rule.

Compliance.Logic.Structure Tables

The complete set of database tables documented here includes:

- ComplianceDomain table (see [ComplianceDomain Table](#))
- GroupEx table (see [GroupEx Table](#))
- GroupExPathCultureType table (see [GroupExPathCultureType Table](#))
- GroupType table (see [GroupType Table](#))
- MemberEx table (see [MemberEx Table](#))
- Region table (see [Region Table](#))
- RoleRight table (see [RoleRight Table](#))

ComplianceDomain Table

Stores a list of domain names imported FlexNet Manager Suite.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 537: Database columns for ComplianceDomain table

Database Column	Details
ComplianceDomainID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a domain.
QualifiedName	<i>Type:</i> text (max 100 characters) The fully qualified name of the domain.
FlatName	<i>Type:</i> text (max 32 characters) The flat name of the domain.

GroupEx Table

The GroupEx table stores information about enterprise groups and roles.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 538: Database columns for GroupEx table

Database Column	Details
GroupID	Type: integer. Key. Generated ID A unique identifier for a group.
GroupTypeID	Type: integer. Key Identifies the group type. Foreign key to the GroupType table.
BusinessView	Type: boolean. Key Set this to True if the group is a business view (that is, is a group heading like Roles or Categories).
Path	Type: text (max 500 characters) Complete path of the group.
NextChild	Type: integer The ID number for the next child to be created under this group. Internal use only: do not edit.
GroupExID	Type: text (max 128 characters). Key Unique string identifier for this extension record.
BusinessPhoneNumber	Type: text (max 30 characters). Nullable The business phone number of the group.
FaxPhoneNumber	Type: text (max 30 characters). Nullable The fax number of the group.
Address_Street	Type: text (max 200 characters). Nullable The street address of the group.
Address_City	Type: text (max 200 characters). Nullable The city of the group.
Address_State	Type: text (max 200 characters). Nullable The state of the group.

Database Column	Details
Address_ZIP	Type: text (max 20 characters). Nullable The ZIP or postal code of the group.
Address_Country	Type: text (max 100 characters). Nullable The country of the group.
Email	Type: text (max 200 characters). Nullable The email address of the group.
Comments	Type: text. Nullable Comments about the group.
IsStockLocation	Type: boolean For locations only. If this field is set to True, the location is considered to be a stock or storage location.
ContactID	Type: integer. Nullable A contact person for this group. This field is no longer in use in FlexNet Manager Suite
ManagerID	Type: integer. Nullable A manager for this group. This field is no longer in use in FlexNet Manager Suite
GroupCN	Type: text (max 256 characters). Nullable The common name for the group.
NameResourceName	Type: text (max 256 characters). Nullable The unique name of the localizable resource string representing an enterprise group name (GroupCN). Foreign key to the ComplianceResourceString table.
DescriptionResourceName	Type: text (max 256 characters). Nullable The unique name of the localizable resource string representing an enterprise group description (Comments). Foreign key to the ComplianceResourceString table.
ParentGroupExID	Type: text (max 128 characters). Key. Nullable Unique string identifier for the parent record.
TreeLevel	Type: integer. Nullable The level of this group in the hierarchy.
TreePath	Type: text (max 4000 characters). Key. Nullable A generated path that can be used to sort groups in tree order.
SpecifiedRegion	Type: boolean RegionID specified explicitly by the user through the web UI.

Database Column	Details
RegionID	<i>Type:</i> integer. Key. Nullable RegionID for each location inherit from itself or parent.
IsShared	<i>Type:</i> boolean

GroupExPathCultureType Table

The GroupExPathCultureType table stores complete enterprise group paths per culture type for each enterprise group.

Table 539: Database columns for GroupExPathCultureType table

Database Column	Details
GroupID	<i>Type:</i> integer. Key The ID of the group the translated path belongs to.
CultureType	<i>Type:</i> text (max 12 characters). Key A unique identifier for a culture type.
Path	<i>Type:</i> text (max 500 characters) The translated group path for the specific culture type.
TreePath	<i>Type:</i> text (max 4000 characters) A generated path that can be used to sort groups in tree order.

GroupType Table

The collection of types of enterprise groups, such as locations, departments, and cost centers.

Table 540: Database columns for GroupType table

Database Column	Details
GroupTypeID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each GroupType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Location • 2 = Departments • 3 = Cost Center • 4 = Category • 5 = Role.
Description	<p>Type: text (max 255 characters). Key</p> <p>A description of the type of enterprise group.</p>
ResourceName	<p>Type: text (max 256 characters). Key. Nullable</p> <p>The unique name of the localizable resource string representing a group type. Foreign key to the ComplianceResourceString table.</p>

MemberEx Table

The MemberEx table stores the membership lists for every enterprise group or role.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 541: Database columns for MemberEx table

Database Column	Details
GroupID	<p>Type: integer. Key</p> <p>The GroupEx to which the member belongs.</p>

Database Column	Details
TargetTypeID	<p>Type: integer. Key</p> <p>The TargetType. Possible values are:</p> <ul style="list-style-type: none"> • 3 = Enterprise Group • 9 = Asset • 10 = Contract • 11 = Purchase Order • 12 = Software License • 13 = Software Title • 14 = Computer • 15 = User • 16 = Operator • 17 = SAP system landscapes • 18 = SAP systems • 19 = SAP rule sets
TargetID	<p>Type: integer. Key</p> <p>The Asset, Contract, etc. identifier, depending on TargetType.</p>

Region Table

The collection of region for IBM PVU license

Table 542: Database columns for Region table

Database Column	Details
RegionID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each Region. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = North America and South America • 2 = Europe and Africa • 3 = Asia and Australia

Database Column	Details
ResourceName	Type: text (max 256 characters). Key The unique name of the localizable resource string representing an end-user status. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) The text to display if the status resource string has no translation.

RoleRight Table

Each action by FlexNet Manager Suite requires the role to have one or more RoleRights to perform an ActionClass over a given Resource.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 543: Database columns for RoleRight table

Database Column	Details
GroupID	Type: integer. Key The role to whom the right is granted or denied.
ResourceID	Type: integer. Key The Resource to which the RoleRight applies.
ActionClassID	Type: integer. Key The action class which applies (read or modify).
Denied	Type: boolean When TRUE (1), indicates that the specified right is denied.
ScopeGroupID	Type: integer. Key. Nullable The enterprise group to which the right for this role applies, if applicable.

Compliance.Logic.Users Tables

The complete set of database tables documented here includes:

- ComplianceUser table (see [ComplianceUser Table](#))
- ComplianceUserConnection table (see [ComplianceUserConnection Table](#))
- ComplianceUserInventorySourceType table (see [ComplianceUserInventorySourceType Table](#))

- ComplianceUserStatus table (see [ComplianceUserStatus Table](#))
- EmploymentStatus table (see [EmploymentStatus Table](#))
- UserSuffix table (see [UserSuffix Table](#))
- UserTitle table (see [UserTitle Table](#))

ComplianceUser Table

ComplianceUser stores information about end-users in the enterprise, including contact details, login details and inventory source details (if applicable). End-users in ComplianceUser will not be able to log in to FlexNet Manager Suite unless they have a corresponding record in the ComplianceOperator table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 544: Database columns for ComplianceUser table

Database Column	Details
ComplianceUserID	Type: integer. Key. Generated ID A unique identifier for the end-user.
UserName	Type: text (max 512 characters). Nullable The end-user's full name. When creating a new end-user manually, defaults to a concatenation of title, first name, middle name, last name and suffix.
SAMAccountName	Type: text (max 64 characters). Key. Nullable The login name (SAM account name) of the end-user.
ComplianceDomainID	Type: integer. Key. Nullable Domain that the end-user belongs to. Foreign key to the ComplianceDomain table.
LocationID	Type: text (max 128 characters). Key. Nullable Any enterprise location associated with this end-user. Foreign key to the GroupEx table.
BusinessUnitID	Type: text (max 128 characters). Key. Nullable Any corporate unit in the enterprise associated with this end-user. Foreign key to the GroupEx table.
CostCenterID	Type: text (max 128 characters). Key. Nullable Any cost center in the enterprise associated with this end-user. Foreign key to the GroupEx table.

Database Column	Details
CategoryID	<p>Type: text (max 128 characters). Key. Nullable</p> <p>No longer in use, but retained for legacy systems. Any enterprise category associated with this end-user. Foreign key to the GroupEx table.</p>
EmployeeNumber	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The employee number of the end-user (as defined in an organization's own HR system).</p>
UserTitleID	<p>Type: integer. Nullable</p> <p>The title of the end-user. Foreign key to the UserTitle table.</p>
FirstName	<p>Type: text (max 128 characters). Nullable</p> <p>The first name of the end-user.</p>
MiddleName	<p>Type: text (max 128 characters). Nullable</p> <p>The middle name(s) of the end-user.</p>
LastName	<p>Type: text (max 128 characters). Nullable</p> <p>The last name (surname) of the end-user.</p>
UserSuffixID	<p>Type: integer. Nullable</p> <p>The suffix to the name of the end-user. Foreign key to the UserSuffix table.</p>
JobTitle	<p>Type: text (max 128 characters). Nullable</p> <p>The job title of the end-user.</p>
BusinessPhoneNumber	<p>Type: text (max 30 characters). Nullable</p> <p>The work phone number of the end-user.</p>
MobilePhoneNumber	<p>Type: text (max 30 characters). Nullable</p> <p>The mobile phone number of the end-user.</p>
FaxPhoneNumber	<p>Type: text (max 30 characters). Nullable</p> <p>The fax number of the end-user.</p>
Address_Street	<p>Type: text (max 200 characters). Nullable</p> <p>The street address of the end-user.</p>
Address_City	<p>Type: text (max 200 characters). Nullable</p> <p>The city or suburb name of the end-user.</p>
Address_State	<p>Type: text (max 200 characters). Nullable</p> <p>The state or province of the end-user.</p>
Address_ZIP	<p>Type: text (max 20 characters). Nullable</p> <p>The ZIP or postal code of the end-user.</p>

Database Column	Details
Address_Country	Type: text (max 100 characters). Nullable The country of the end-user.
Email	Type: text (max 200 characters). Key. Nullable The email address of the end-user.
AlternateEmail	Type: text (max 200 characters). Nullable The alternate email address of the end-user.
Messenger	Type: text (max 200 characters). Nullable The instant messenger address of the end-user.
ManagerID	Type: integer. Key. Nullable The manager of the end-user. Foreign key to another end-user in the ComplianceUser table.
CurrencyID	Type: integer. Nullable No longer in use - default currency is now stored in the OperatorTenantSetting table.
UserStatusID	Type: integer. Key The end-user's status. Foreign key to the ComplianceUserStatus table.
EmploymentStatusID	Type: integer. Nullable The end-user's employment status. Foreign key to the EmploymentStatus table.
IsIncluded	Type: boolean If False, the end-user's login name is in the list of excluded accounts, and this end-user will not consume licenses or be recorded as the last-logged-on or calculated end-user of a computer. This end-user will also not appear in many lists of end-users.
CreationUser	Type: text (max 128 characters). Nullable The operator who created the record.
CreationDate	Type: datetime The date the record was created.
UpdatedUser	Type: text (max 128 characters). Nullable The operator who last updated the record.
UpdatedDate	Type: datetime. Nullable The date the record was last updated.

Database Column	Details
ComplianceUser	Type: integer
InventorySourceTypeID	Whether this end-user has ever been reported in inventory, or has been manually created and maintained. Foreign key to the ComplianceUserInventorySourceType table.
InventoryAgent	Type: text (max 64 characters). Nullable If this end-user is reported in inventory, the name of the person or tool that performed the last inventory.
GeneratedFromEmail	Type: boolean If True, the ComplianceUser record was generated using the email address provided by a source connection.

ComplianceUserConnection Table

ComplianceUserConnection stores a link between end-users in ComplianceUser which have been reported in inventory, and external IDs which can be used to identify them in their inventory sources. End-users reported in multiple inventory sources will appear multiple times in this table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 545: Database columns for ComplianceUserConnection table

Database Column	Details
ComplianceUserID	Type: integer. Key A unique identifier for the end-user. Foreign key to the ComplianceUser table.
ComplianceConnectionID	Type: integer. Key The inventory source where the end-user was reported. Foreign key to the ComplianceConnection table.
ExternalID	Type: big integer. Key A (hopefully unique) identifier for the end-user in the external inventory source.

ComplianceUserInventorySourceType Table

ComplianceUserInventorySourceType is a static table used to define possible end-user inventory source values (that is, whether the end-user was created manually or reported by the compliance importer).

Table 546: Database columns for ComplianceUserInventorySourceType table

Database Column	Details
ComplianceUserInventorySourceTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceUserInventorySourceType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Automatic (end-user was recently updated during an inventory import) • 2 = Manual (end-user was created manually by an operator, using FlexNet Manager Suite, and has never been updated by the compliance importer).
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an inventory source. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the inventory source resource string has no translation.</p>

ComplianceUserStatus Table

ComplianceUserStatus is a static table listing status values for end-user.

Table 547: Database columns for ComplianceUserStatus table

Database Column	Details
ComplianceUserStatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each ComplianceUserStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Active • 2 = Inactive • 3 = Retired • 4 = On leave • 5 = Pending (perhaps for an employee just starting with the company).
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an end-user status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

Database Column	Details
IsUserActive	<p>Type: boolean. Key</p> <p>If this field is set to <code>False</code>, any end-user with this status will not consume licenses or be recorded as the last-logged-on or calculated end-user of a computer. This end-user will also not appear in many lists of end-users.</p>

EmploymentStatus Table

EmploymentStatus is a static table listing possible employment statuses values for end-users.

Table 548: Database columns for EmploymentStatus table

Database Column	Details
EmploymentStatusID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each EmploymentStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Employee • 2 = Consultant • 3 = Temporary • 4 = Part time • 5 = Casual.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an employment status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the employment status resource string has no translation.</p>

UserSuffix Table

UserSuffix is a static table listing possible name suffixes for end-users.

Table 549: Database columns for UserSuffix table

Database Column	Details
UserSuffixID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each UserSuffix. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Jr. • 2 = Sr. • 3 = I • 4 = II • 5 = III.
ResourceString	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing an end-user name suffix. Foreign key to the ComplianceResourceString table.</p>
DefaultString	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the suffix resource string has no translation.</p>

UserTitle Table

UserTitle is a static table listing the possible titles of end-users.

Table 550: Database columns for UserTitle table

Database Column	Details
UserTitleID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each UserTitle. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Mr. • 2 = Miss • 3 = Mrs. • 4 = Ms. • 5 = Dr. • 6 = Prof.

Database Column	Details
ResourceString	Type: text (max 256 characters). Key The unique name of the localizable resource string representing an end-user title. Foreign key to the ComplianceResourceString table.
DefaultString	Type: text (max 100 characters) The text to display if the title resource string has no translation.

Compliance.SAP Tables

The complete set of database tables documented here includes:

- SAPActivityCheckMultipleLogons table (see [SAPActivityCheckMultipleLogons Table](#))
- SAPActivityCheckSummary table (see [SAPActivityCheckSummary Table](#))
- SAPActivityCheckWorkTime table (see [SAPActivityCheckWorkTime Table](#))
- SAPCompositeRole table (see [SAPCompositeRole Table](#))
- SAPConnectivityDirectionType table (see [SAPConnectivityDirectionType Table](#))
- SAPConnectivityType table (see [SAPConnectivityType Table](#))
- SAPConsolidatedUser table (see [SAPConsolidatedUser Table](#))
- SAPConsolidatedUserDuplicate table (see [SAPConsolidatedUserDuplicate Table](#))
- SAPConsumption table (see [SAPConsumption Table](#))
- SAPContentEngine table (see [SAPContentEngine Table](#))
- SAPContentEngineRule table (see [SAPContentEngineRule Table](#))
- SAPDuplicateUserRecommendation table (see [SAPDuplicateUserRecommendation Table](#))
- SAPEngine table (see [SAPEngine Table](#))
- SAPEngineConsumptionSummary table (see [SAPEngineConsumptionSummary Table](#))
- SAPEngineMetric table (see [SAPEngineMetric Table](#))
- SAPEngineMetricName table (see [SAPEngineMetricName Table](#))
- SAPEngineName table (see [SAPEngineName Table](#))
- SAPEnginePeriodType table (see [SAPEnginePeriodType Table](#))
- SAPEngineSystemConsumption table (see [SAPEngineSystemConsumption Table](#))
- SAPImportedInventoryFileDigest table (see [SAPImportedInventoryFileDigest Table](#))
- SAPLicenseRatio table (see [SAPLicenseRatio Table](#))

- SAPLicenseRecommendation table (see [SAPLicenseRecommendation Table](#))
- SAPLicenseType table (see [SAPLicenseType Table](#))
- SAPLicenseTypeHierarchy table (see [SAPLicenseTypeHierarchy Table](#))
- SAPLicenseTypeName table (see [SAPLicenseTypeName Table](#))
- SAPModule table (see [SAPModule Table](#))
- SAPMultipleLogon table (see [SAPMultipleLogon Table](#))
- SAPObject table (see [SAPObject Table](#))
- SAPObjectType table (see [SAPObjectType Table](#))
- SAPRFCCConnection table (see [SAPRFCCConnection Table](#))
- SAPRFCCConnectionSummary table (see [SAPRFCCConnectionSummary Table](#))
- SAPRecommendationAdjustmentReason table (see [SAPRecommendationAdjustmentReason Table](#))
- SAPRecommendationProcessedStatus table (see [SAPRecommendationProcessedStatus Table](#))
- SAPRecommendationSet table (see [SAPRecommendationSet Table](#))
- SAPRecommendationSetStatus table (see [SAPRecommendationSetStatus Table](#))
- SAPRecommendationSetSummary table (see [SAPRecommendationSetSummary Table](#))
- SAPRole table (see [SAPRole Table](#))
- SAPRoleConsumption table (see [SAPRoleConsumption Table](#))
- SAPRoleTransactionCode table (see [SAPRoleTransactionCode Table](#))
- SAPRule table (see [SAPRule Table](#))
- SAPRuleAlgorithm table (see [SAPRuleAlgorithm Table](#))
- SAPRuleCategory table (see [SAPRuleCategory Table](#))
- SAPRuleMapping table (see [SAPRuleMapping Table](#))
- SAPRuleSet table (see [SAPRuleSet Table](#))
- SAPRuleSetMapping table (see [SAPRuleSetMapping Table](#))
- SAPRuleType table (see [SAPRuleType Table](#))
- SAPSecurityUser table (see [SAPSecurityUser Table](#))
- SAPSystem table (see [SAPSystem Table](#))
- SAPSystemActivityCheckSummary table (see [SAPSystemActivityCheckSummary Table](#))
- SAPSystemClass table (see [SAPSystemClass Table](#))
- SAPSystemEngineMetric table (see [SAPSystemEngineMetric Table](#))

- SAPSystemEnvironment table (see [SAPSystemEnvironment Table](#))
- SAPSystemGroup table (see [SAPSystemGroup Table](#))
- SAPSystemLandscape table (see [SAPSystemLandscape Table](#))
- SAPSystemLandscapeEngine table (see [SAPSystemLandscapeEngine Table](#))
- SAPSystemLandscapeEngineMapping table (see [SAPSystemLandscapeEngineMapping Table](#))
- SAPSystemLandscapeLicenseType table (see [SAPSystemLandscapeLicenseType Table](#))
- SAPSystemLandscapeLicenseTypeHierarchy table (see [SAPSystemLandscapeLicenseTypeHierarchy Table](#))
- SAPSystemLandscapeLicenseTypeImport table (see [SAPSystemLandscapeLicenseTypeImport Table](#))
- SAPSystemLandscapeStatus table (see [SAPSystemLandscapeStatus Table](#))
- SAPSystemMigrationStatus table (see [SAPSystemMigrationStatus Table](#))
- SAPSystemModule table (see [SAPSystemModule Table](#))
- SAPSystemObject table (see [SAPSystemObject Table](#))
- SAPSystemPriceList table (see [SAPSystemPriceList Table](#))
- SAPSystemPriceListName table (see [SAPSystemPriceListName Table](#))
- SAPSystemRFCConnectionSummary table (see [SAPSystemRFCConnectionSummary Table](#))
- SAPSystemRoleType table (see [SAPSystemRoleType Table](#))
- SAPSystemType table (see [SAPSystemType Table](#))
- SAPTransactionProfile table (see [SAPTransactionProfile Table](#))
- SAPTransactionProfileObject table (see [SAPTransactionProfileObject Table](#))
- SAPUser table (see [SAPUser Table](#))
- SAPUserRole table (see [SAPUserRole Table](#))
- SAPUserType table (see [SAPUserType Table](#))

SAPActivityCheckMultipleLogons Table

This table stores SAP activity check data related to work time.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 551: Database columns for SAPActivityCheckMultipleLogons table

Database Column	Details
SAPActivityCheckMultipleLogonsID	Type: integer. Key. Generated ID A unique identifier for the SAP activity check multiple login data.
SAPActivityCheckMultipleLogonsUID	Type: text (max 32 characters). Key The SAP unique identifier for the SAP activity check multiple login data.
SAPUserID	Type: integer. Key Foreign key to the SAP user.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the SAP activity check multiple login data belongs to.
MeasurementDate	Type: datetime The date that the SAP activity check multiple login data was measured.
MeasurementPeriodStartDate	Type: datetime The start date that the SAP activity check multiple login data was measured from.
MeasurementPeriodEndDate	Type: datetime The end date that the SAP activity check multiple login data was measured to.
NumberOfMultipleLogons	Type: integer The number of logons the user account has made from different systems at the same time during the measurement period.
MultipleLogonsPeakDate	Type: datetime The date where the number of logons the user account has made from different systems at the same time during the measurement period reached its peak value.

SAPActivityCheckSummary Table

This table stores SAP activity check summary data.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 552: Database columns for SAPActivityCheckSummary table

Database Column	Details
SAPActivityCheckSummaryID	Type: integer. Key. Generated ID A unique identifier for the SAP activity check summary.
SAPUserID	Type: integer. Key Foreign key to the SAP user.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the SAP activity check work time data belongs to.
HasExceededBreakDuration	Type: boolean Indicates whether or not the user has exceeded the minimum required break duration.
HasMultipleLogons	Type: boolean Indicates whether or not the user has multiple logons.
IsHidden	Type: boolean Is this record marked as hidden in the UI.

SAPActivityCheckWorkTime Table

This table stores SAP activity check data related to work time.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 553: Database columns for SAPActivityCheckWorkTime table

Database Column	Details
SAPActivityCheckWorkTimeID	Type: integer. Key. Generated ID A unique identifier for the SAP activity check work time data.
SAPActivityCheckWorkTimeUID	Type: text (max 32 characters). Key The SAP unique identifier for the SAP activity check work time data.
SAPUserID	Type: integer. Key Foreign key to the SAP user.

Database Column	Details
SAPSystemLandscapeID	<i>Type:</i> integer. Key Foreign key to the system landscape that the SAP activity check work time data belongs to.
MeasurementDate	<i>Type:</i> datetime The date that the SAP activity check work time data was measured.
MeasurementPeriodStartDate	<i>Type:</i> datetime The start date that the SAP activity check work time data was measured from.
MeasurementPeriodEndDate	<i>Type:</i> datetime The end date that the SAP activity check work time data was measured to.
BreakDurationSetting	<i>Type:</i> integer The minimum number of seconds that a user must not be running any transactions in a 24 hour period.
TableName	<i>Type:</i> text (max 256 characters). Key The name of the SAP table that was accessed during the minimum required break period.
BreakDurationResult	<i>Type:</i> integer The number of days that the user has not meet the minimum break duration setting during the measurement period.

SAPCompositeRole Table

This table stores SAP composite roles.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 554: Database columns for SAPCompositeRole table

Database Column	Details
SAPCompositeRoleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for SAP composite role.
CompositeRoleID	<i>Type:</i> integer. Key Foreign key to SAP role which contain one or more single roles.
SingleRoleID	<i>Type:</i> integer. Key Foreign key to SAP role that is a member if the composite role.

SAPConnectivityDirectionType Table

This table stores SAP connectivity direction type.

Table 555: Database columns for SAPConnectivityDirectionType table

Database Column	Details
SAPConnectivityDirectionTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP connectivity direction type.
TypeName	<i>Type:</i> text (max 64 characters). Key A unique lookup for each SAPConnectivityDirectionType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • Out • In • InOut
ResourceName	<i>Type:</i> text (max 256 characters). Nullable A localizable resource string representing an SAP connectivity type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the SAP connectivity type resource string has no translation.

SAPConnectivityType Table

This table stores SAP connectivity type.

Table 556: Database columns for SAPConnectivityType table

Database Column	Details
SAPConnectivityTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP connectivity type.
TypeName	<i>Type:</i> text (max 64 characters). Key A unique lookup for each SAPConnectivityType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • Interactive • Batch

Database Column	Details
ResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>A localizable resource string representing an SAP connectivity type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the SAP connectivity type resource string has no translation.</p>

SAPConsolidatedUser Table

This table stores the data specific to an SAP consolidated user.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 557: Database columns for SAPConsolidatedUser table

Database Column	Details
SAPConsolidatedUserID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the SAP consolidated user.</p>
UserUID	<p>Type: text (max 128 characters). Key</p> <p>A globally unique identifier for the SAP license recommendation.</p>
SAPRecommendationSetID	<p>Type: integer. Key</p> <p>Foreign key to the SAP recommendation set that the duplicate user recommendation belongs to.</p>
SAPUserID	<p>Type: integer. Key</p> <p>Foreign key to the SAP user that the duplicate user recommendation belongs to.</p>
UserName	<p>Type: text</p> <p>The user name of the user that the duplicate user recommendation belongs to.</p>
DuplicateGroupNum	<p>Type: integer</p> <p>The unique identifier showing which users are duplicates of one another.</p>
LicenseType	<p>Type: text (max 2 characters). Nullable</p> <p>The license code originally assigned to the user.</p>
IsConsolidatedBySAP	<p>Type: boolean</p> <p>Whether or not this user is consolidated by SAP.</p>

Database Column	Details
OptimallicenseType	Type: text (max 2 characters). Nullable The license code recommended the user be assigned ignoring license ratios and rebalancing.

SAPConsolidatedUserDuplicate Table

This table stores the data specific to an SAP consolidated user duplicate.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 558: Database columns for SAPConsolidatedUserDuplicate table

Database Column	Details
SAPConsolidatedUserDuplicateID	Type: integer. Key. Generated ID A unique identifier for the SAP consolidated duplicate user.
SAPRecommendationSetID	Type: integer. Key Foreign key to the SAP recommendation set that the duplicate user belongs to.
SAPConsolidatedUserID	Type: integer. Key Foreign key to the SAP consolidated user linked to an SAP user.
SAPUserID	Type: integer. Key Foreign key to the SAP user that the duplicate user belongs to.
IsConsolidatedBySAP	Type: boolean. Key Whether or not this user is consolidated by SAP.

SAPConsumption Table

This table stores the data related to the definition of SAP consumption data.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 559: Database columns for SAPConsumption table

Database Column	Details
SAPConsumptionID	Type: integer. Key. Generated ID The unique identifier for the SAP consumption.
SAPUserID	Type: integer. Key Foreign key to the SAP user that the consumption belongs to.
TimePeriodStartDate	Type: datetime. Key The date and time of the consumption
AccountObject	Type: text (max 40 characters). Key The account object
AccountObjectDetails	Type: text (max 40 characters). Key The account object details
EntryType	Type: text (max 1 characters). Key The consumption entry type
TaskType	Type: text (max 2 characters). Key The consumption task type
CPUTime	Type: decimal. Key. Nullable CPU usage in seconds
MemoryUsed	Type: big integer. Nullable Memory used
PrivateMemoryUsed	Type: big integer. Nullable Private memory used
AccessCount	Type: integer. Nullable Number of times the object has been used/accessed.

SAPContentEngine Table

This table stores an engine from downloadable content.

Table 560: Database columns for SAPContentEngine table

Database Column	Details
SAPContentEngineID	Type: integer. Key. Generated ID A unique identifier for the SAP content engine table.

Database Column	Details
EngineContentUID	<i>Type:</i> text (max 128 characters). Key A global unique identifier for the engine.
EngineName	<i>Type:</i> text (max 128 characters) Name of engine.
EngineDescription	<i>Type:</i> text. Nullable Description of engine.
Comments	<i>Type:</i> text. Nullable Comments from factory.
ApplicationID	<i>Type:</i> integer. Nullable SAP internal application ID
ConsumptionUnit	<i>Type:</i> text. Nullable Unit description to describe the consumption amount.
CreationDate	<i>Type:</i> datetime The data and time the engine was created.
UpdatedDate	<i>Type:</i> datetime The date and time the engine was last updated.

SAPContentEngineRule Table

This table stores an engine rule from downloadable content.

Table 561: Database columns for SAPContentEngineRule table

Database Column	Details
SAPContentEngineRuleID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP content engine rule table.
EngineContentUID	<i>Type:</i> text (max 128 characters) A global unique identifier for the engine.
RuleContentUID	<i>Type:</i> text (max 128 characters). Key A global unique identifier for the engine rule.
RuleName	<i>Type:</i> text (max 128 characters) Name of engine rule.
RuleDefinition	<i>Type:</i> text. Nullable Rule definition for calculating consumption of an engine.

Database Column	Details
IsDefault	<i>Type:</i> boolean Is this formula the default for created packages.
CreationDate	<i>Type:</i> datetime The data and time the engine rule was created.
UpdatedDate	<i>Type:</i> datetime The date and time the engine rule was last updated.

SAPDuplicateUserRecommendation Table

This table stores the data specific to an SAP duplicate user recommendation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 562: Database columns for SAPDuplicateUserRecommendation table

Database Column	Details
SAPDuplicateUserRecommendationID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP duplicate user recommendation.
RecommendationUID	<i>Type:</i> text (max 128 characters). Key A globally unique identifier for the SAP license recommendation.
SAPRecommendationSetID	<i>Type:</i> integer. Key Foreign key to the SAP recommendation set that the duplicate user recommendation belongs to.
DuplicateGroupNum	<i>Type:</i> integer The unique identifier showing which users are duplicates of one another.
SAPUserID	<i>Type:</i> integer. Key. Nullable The unique identifier of the user that the duplicate user recommendation belongs to.
UserName	<i>Type:</i> text The user name of the user that the duplicate user recommendation belongs to.
SystemID	<i>Type:</i> text The ID of the system that the duplicate user recommendation belongs to.

Database Column	Details
ClientID	<i>Type:</i> text The ID of the client that the duplicate user recommendation belongs to.
IsConsolidatedBySAP	<i>Type:</i> boolean Whether or not this duplicate is consolidated by SAP.
SAPRuleID	<i>Type:</i> integer. Nullable The unique identifier of the rule used to produce the duplicate user recommendation.
RuleSetName	<i>Type:</i> text. Nullable The name of the rule set used to produce the duplicate user recommendation.
RuleName	<i>Type:</i> text. Nullable The name of the rule used to produce the duplicate user recommendation.
RuleSequenceNumber	<i>Type:</i> integer. Nullable The sequence number of the rule used to produce the duplicate user recommendation.
RuleMessage	<i>Type:</i> text. Nullable The message produced given by the rule used to produce the duplicate user recommendation.
SAPRecommendation ProcessedStatusID	<i>Type:</i> integer Foreign key to the SAP recommendation processed status of the duplicate user recommendation.
RuleMessageResourceName	<i>Type:</i> text (max 256 characters). Nullable The resource name of the message produced given by the rule used to produce the duplicate user recommendation.
RuleMessageParameters	<i>Type:</i> text (max 256 characters). Nullable The parameters used by the message produced given by the rule used to produce the duplicate user recommendation.

SAPEngine Table

This table stores the application engines used in SAP.

Table 563: Database columns for SAPEngine table

Database Column	Details
SAPEngineID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP engine table.

Database Column	Details
ApplicationID	Type: integer. Key The unique identifier given to the application engine by SAP.
SAPEnginePeriodTypeID	Type: integer A unique identifier for the SAP engine period type.

SAPEngineConsumptionSummary Table

This table stores the total consumption of SAP package consumption recommendation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 564: Database columns for SAPEngineConsumptionSummary table

Database Column	Details
SAPEngineConsumptionSummaryID	Type: integer. Key. Generated ID A unique identifier for the SAP engine consumption.
LandscapeUID	Type: text (max 128 characters) A global unique identifier for the system landscape the summary belongs to.
RecommendationSetUID	Type: text (max 128 characters) A global unique identifier for the SAP recommendation set the summary belongs to.
SAPRecommendationSetStatusID	Type: integer The status of the recommendation set.
SAPSystemLandscapeEngineID	Type: integer. Key. Nullable A unique identifier for the SAP system landscape engine table.
EngineUID	Type: text (max 128 characters) A global unique identifier for the SAP engine in a system landscape.
EngineName	Type: text (max 128 characters) Name of engine.
Consumed	Type: decimal. Nullable The number of consumed units for the package (null = indeterminate)
ConsumptionUnit	Type: text. Nullable Unit description to describe the consumption amount.

Database Column	Details
ReasonMessage	<i>Type:</i> text. Nullable And optional message detailing the reason for the consumed result.
EntitlementsPurchased	<i>Type:</i> integer Total number of purchased license entitlements.
EngineUnitPrice	<i>Type:</i> currency. Nullable The unit price of a license entitlement.
EngineUnitPriceRateID	<i>Type:</i> integer. Nullable The unit price rate of a license entitlement.
CalculationDate	<i>Type:</i> datetime The date of the license postion calculation.
SystemMeasurementDate	<i>Type:</i> datetime The date the system measurement calculation was performed.

SAPEngineMetric Table

This table stores the application engine metrics used in SAP.

Table 565: Database columns for SAPEngineMetric table

Database Column	Details
SAPEngineMetricID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP engine metric table.
MetricID	<i>Type:</i> integer. Key The unique identifier given to the application engine metric by SAP.

SAPEngineMetricName Table

This table stores the name of applications engine metrics in different languages.

Table 566: Database columns for SAPEngineMetricName table

Database Column	Details
SAPEngineMetricNameID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP engine metric name table.

Database Column	Details
SAPEngineMetricID	<i>Type:</i> integer. Key The unique identifier of an SAP engine metric.
EngineMetricName	<i>Type:</i> text (max 128 characters). Key. Nullable The name of the application engine metric.
Language	<i>Type:</i> text (max 4 characters). Key A unique code to identify the language.

SAPEngineName Table

This table stores the name of applications engines in different languages.

Table 567: Database columns for SAPEngineName table

Database Column	Details
SAPEngineNameID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP engine name table.
SAPEngineID	<i>Type:</i> integer. Key The unique identifier of an SAP engine.
EngineName	<i>Type:</i> text (max 128 characters). Key. Nullable The name of the application engine.
Language	<i>Type:</i> text (max 4 characters). Key A unique code to identify the language.

SAPEnginePeriodType Table

This table stores the types of SAP applications engine measurement periods.

Table 568: Database columns for SAPEnginePeriodType table

Database Column	Details
SAPEnginePeriodTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP engine period type table.

Database Column	Details
PeriodTypeCode	<p>Type: text (max 1 characters). Key</p> <p>A unique lookup for each SAPEnginePeriodType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> Y = Last year C = Last calendar year T = Year to date M = This month Q = This quarter 6 = Last six months U = Undefined
ResourceName	<p>Type: text (max 256 characters)</p> <p>A localizable resource string representing an SAP system type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the system type resource string has no translation.</p>

SAPEngineSystemConsumption Table

This table stores the per-system consumption of SAP package consumption recommendation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 569: Database columns for SAPEngineSystemConsumption table

Database Column	Details
SAPEngineSystem ConsumptionID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the SAP engine consumption.</p>
SAPRecommendationSetID	<p>Type: integer. Key</p> <p>Foreign key to the SAP recommendation set that the license recommendation belongs to.</p>
SAPSystemLandscape EngineID	<p>Type: integer. Key. Nullable</p> <p>A unique identifier for the SAP system landscape engine table.</p>

Database Column	Details
EngineUID	Type: text (max 128 characters) A global unique identifier for the SAP engine in a system landscape.
EngineName	Type: text (max 128 characters) Name of engine.
SAPSystemID	Type: integer. Key. Nullable The unique identifier of the system that the consumed count belongs to.
SystemID	Type: text The ID of the system that the license recommendation belongs to.
ClientID	Type: text The ID of the client that the license recommendation belongs to.
Consumed	Type: decimal. Nullable The number of consumed units for the package (null = indeterminate)
ReasonMessage	Type: text. Nullable And optional message detailing the reason for the consumed result.
SystemMeasurementDate	Type: datetime. Nullable The date the system measurement calculation was performed.

SAPImportedInventoryFileDigest Table

This table stores digests of imported SAP inventory files.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 570: Database columns for SAPImportedInventoryFileDigest table

Database Column	Details
SAPImportedInventory FileDigestID	Type: integer. Key. Generated ID A unique identifier for the SAP impoted inventory file digest.
LandscapeUID	Type: text (max 128 characters). Key A global unique identifier for the system landscape.
SystemID	Type: text (max 64 characters). Key The System ID that is used to identify the SAP system.

Database Column	Details
ClientID	Type: text (max 32 characters). Key The Client ID that is to be used when connecting to the SAP system.
SystemNumber	Type: text (max 32 characters). Key. Nullable The SAP system number. This value will be used by the RFC connection.
MD5Hash	Type: text (max 64 characters). Key MD5 hash of imported SAP inventory file content.
CreationDate	Type: datetime The data and time the digest record was created.

SAPLicenseRatio Table

This table stores SAP license ratios used for recommending optimizations for SAP.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 571: Database columns for SAPLicenseRatio table

Database Column	Details
SAPLicenseRatioID	Type: integer. Key. Generated ID A unique identifier for the SAP license ratio.
LeftLicenseType	Type: text (max 2 characters) The type of license assigned to the left side of the license ratio.
LeftValue	Type: integer The value belonging to the left side of the license ratio.
RightLicenseType	Type: text (max 2 characters) The type of license assigned to the right side of the license ratio.
RightValue	Type: integer The value belonging to the right side of the license ratio.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the license ratio belongs to.
IsActive	Type: boolean Whether or not this license ratio is used to automatically optimize SAP license assignments.

Database Column	Details
CreationUser	Type: text (max 256 characters) The user who created the license ratio.
CreationDate	Type: datetime The data and time the license ratio was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the license ratio.
UpdatedDate	Type: datetime The date and time the license ratio was last updated.

SAPLicenseRecommendation Table

This table stores the data specific to an SAP license recommendation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 572: Database columns for SAPLicenseRecommendation table

Database Column	Details
SAPLicenseRecommendationID	Type: integer. Key. Generated ID A unique identifier for the SAP license recommendation.
RecommendationUID	Type: text (max 128 characters). Key A globally unique identifier for the SAP license recommendation.
SAPRecommendationSetID	Type: integer. Key Foreign key to the SAP recommendation set that the license recommendation belongs to.
SAPUserID	Type: integer. Key. Nullable The unique identifier of the user that the license recommendation belongs to.
UserName	Type: text The user name of the user that the license recommendation belongs to.
SystemID	Type: text The ID of the system that the license recommendation belongs to.
ClientID	Type: text The ID of the client that the license recommendation belongs to.

Database Column	Details
OriginalLicenseType	Type: text (max 2 characters). Nullable The license code originally assigned to the user.
RecommendedLicenseType	Type: text (max 2 characters). Nullable The license code recommended the user be assigned.
SAPRuleID	Type: integer. Nullable The unique identifier of the rule used to produce the license recommendation.
RuleSetName	Type: text. Nullable The name of the rule set used to produce the license recommendation.
RuleName	Type: text. Nullable The name of the rule used to produce the license recommendation.
RuleSequenceNumber	Type: integer. Nullable The sequence number of the rule used to produce the license recommendation.
RuleMessage	Type: text. Nullable The message produced given by the rule used to produce the license recommendation.
SAPRecommendation ProcessedStatusID	Type: integer Foreign key to the SAP recommendation processed status of the license recommendation.
OptimalLicenseType	Type: text (max 2 characters). Nullable The license code recommended the user be assigned ignoring license ratios and rebalancing.
SAPRecommendation AdjustmentReasonID	Type: integer. Nullable The unique identifier of the reason why the license recommendation differs from optimal.
RuleMessageResourceName	Type: text (max 256 characters). Nullable The resource name of the message produced given by the rule used to produce the license recommendation.
RuleMessageParameters	Type: text (max 256 characters). Nullable The parameters used by the message produced given by the rule used to produce the license recommendation.

SAPLicenseType Table

This table stores the SAP license type on SAP systems.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 573: Database columns for SAPLicenseType table

Database Column	Details
SAPLicenseTypeID	Type: integer. Key. Generated ID A unique identifier for the SAP license type.
SAPSystemID	Type: integer. Key Foreign key to the system that the SAP license type belongs to.
Identifier	Type: text (max 2 characters). Key SAP license type identifier
SAPSpecialVersionID	Type: integer. Key. Nullable SAP special version ID
Active	Type: boolean Indicates whether the SAP license type is active or not active.
SpecialVersionAssignment	Type: boolean. Nullable Indicates whether the SAP license type is affected by special version.
SSCR_Allow	Type: boolean. Nullable
IsDeleted	Type: boolean Indicated whether the SAP license type has been deleted or not.

SAPLicenseTypeHierarchy Table

This table stores SAP license type hierarchy.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 574: Database columns for SAPLicenseTypeHierarchy table

Database Column	Details
SAPLicenseTypeHierarchyID	Type: integer. Key. Generated ID The unique identifier for the SAP license type hierarchy.

Database Column	Details
SAPLicenseTypeID	Type: integer. Key Parent license type. Foreign key to the SAP license type.
ChildSAPLicenseTypeID	Type: integer. Key Child license type. Foreign key to SAP license type.

SAPLicenseTypeName Table

This table stores SAP license types in various languages.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 575: Database columns for SAPLicenseTypeName table

Database Column	Details
SAPLicenseTypeNameID	Type: integer. Key. Generated ID Unique identifier for SAP license type name.
SAPLicenseTypeID	Type: integer. Key Foreign key to the SAP license type.
Language	Type: text (max 4 characters) The two letter language code.
ShortName	Type: text (max 128 characters). Nullable SAP license type short name.
LongName	Type: text (max 256 characters). Nullable SAP license type long name

SAPModule Table

This table stores the modules used in SAP.

Table 576: Database columns for SAPModule table

Database Column	Details
SAPModuleID	Type: integer. Key. Generated ID A unique identifier for the SAP module table.

Database Column	Details
ModuleName	Type: text (max 64 characters). Key The name of the module.
SubModuleName	Type: text (max 64 characters). Key. Nullable The name of the sub module.
ObjectName	Type: text (max 40 characters). Key. Nullable The name of the object linked to the SAP system module.

SAPMultipleLogon Table

This table stores logon metrics for SAP users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 577: Database columns for SAPMultipleLogon table

Database Column	Details
SAPMultipleLogonID	Type: integer. Key. Generated ID A unique identifier for the user's logon metrics
SAPUserID	Type: integer. Key Foreign key to the SAP user.
Year	Type: text (max 4 characters) The year of the logon metrics
NumberOfMultipleLogon	Type: integer. Nullable Number of multiple concurrent logon
MaxMultipleLogon	Type: integer. Nullable Maximum number of concurrent logon

SAPObject Table

This table stores the SAP object

Table 578: Database columns for SAPObject table

Database Column	Details
SAPObjectID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP object.
ObjectName	<i>Type:</i> text (max 40 characters). Key Name of the object
SAPObjectTypeID	<i>Type:</i> integer. Key Foreign key to the SAP object type that identifies the object type.

SAPObjectType Table

This table stores SAP object types

Table 579: Database columns for SAPObjectType table

Database Column	Details
SAPObjectTypeID	<i>Type:</i> integer. Key. Generated ID <ul style="list-style-type: none"> • 1 = Transaction • 2 = Report • 3 = Job • 4 = NonSAP
TypeName	<i>Type:</i> text (max 64 characters). Key A unique name for the SAP object type.
ResourceName	<i>Type:</i> text (max 256 characters). Nullable A localizable resource string representing an SAP object type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the object type resource string has no translation.

SAPRFCConnection Table

This table stores RFC connections made to the SAP system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 580: Database columns for SAPRFCConnection table

Database Column	Details
SAPRFCConnectionID	Type: integer. Key. Generated ID A unique identifier for the SAP RFC consumption.
SAPUserID	Type: integer. Key SAP user performing the RFC connection. Foreign key to the SAPUser table
TimePeriodStartDate	Type: datetime. Key The date and time of the RFC connection
RemoteSystem	Type: text (max 128 characters). Key Remote system name connecting to the SAP system.
ProgramName	Type: text (max 40 characters). Key Program Name associated to the function name.
FunctionName	Type: text (max 40 characters). Key The function executed by the RFC calls
TaskType	Type: text (max 2 characters). Key. Nullable Task type.
RFCDestination	Type: text (max 128 characters). Key The RFC destination string value.
TotalExecutionCount	Type: integer The number of times the function is executed.
TotalExecutionTime	Type: decimal Total execution time.
TotalCallTime	Type: decimal Total call time.
TotalDataSent	Type: big integer Total data sent by the RFC calls.
TotalDataReceived	Type: big integer Total data received b the RFC calls.

SAPRFCConnectionSummary Table

This table stores the remote RFC consumption summary. It only includes Non-SAP remote system



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 581: Database columns for SAPRFCConnectionSummary table

Database Column	Details
SAPRFCConnectionSummaryID	Type: integer. Key. Generated ID A unique identifier for the remote SAP RFC connection summary.
RemoteSystem	Type: text (max 128 characters). Key Remote system making the RFC calls.
NumberOfSAPSystems	Type: integer Number of SAP systems the Remote System is connecting to.
NumberOfDialogUsers	Type: integer Number of Dialog SAP users making the RFC call to the SAP system.
NumberOfNonDialogUsers	Type: integer Number of Service SAP users making the RFC call to the SAP system.
NumberOfExecutedPrograms	Type: integer The number of executed programs
NumberOfExecutedFunctions	Type: integer The number of executed functions
TotalExecutionCount	Type: integer The total excution count of all functions.
TotalExecutionTime	Type: decimal Total execution time.
TotalCallTime	Type: decimal Total call time.
TotalDataSent	Type: big integer Total data sent by the RFC calls.
TotalDataReceived	Type: big integer Total data received b the RFC calls.
IsHidden	Type: boolean Is this record marked as hidden in the UI.

SAPRecommendationAdjustmentReason Table

This table stores SAP Recommendation adjustment reasons.

Table 582: Database columns for SAPRecommendationAdjustmentReason table

Database Column	Details
SAPRecommendation AdjustmentReasonID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SAPRecommendationAdjustmentReason. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = License ratio enforced • 2 = Excess purchase(s) of covering license type applied.
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>A localizable resource string representing an SAP recommendation adjustment reason. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the adjustment reason resource string has no translation.</p>

SAPRecommendationProcessedStatus Table

This table stores SAP Recommendation Processed status.

Table 583: Database columns for SAPRecommendationProcessedStatus table

Database Column	Details
SAPRecommendation ProcessedStatusID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each SAPRecommendationProcessedStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Pending • 2 = Accepted • 3 = Rejected
ResourceName	<p>Type: text (max 256 characters). Key</p> <p>A localizable resource string representing an SAP recommendation processed status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

SAPRecommendationSet Table

This table stores data specific to the definition of a recommendation set.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 584: Database columns for SAPRecommendationSet table

Database Column	Details
SAPRecommendationSetID	Type: integer. Key. Generated ID A unique identifier for the SAP recommendation set.
RecommendationSetUID	Type: text (max 128 characters). Key A global unique identifier for the SAP recommendation set.
RecommendationSetName	Type: text (max 128 characters) Name of recommendation set.
RecommendationSet Description	Type: text. Nullable Description of recommendation set.
LandscapeUID	Type: text (max 128 characters) A global unique identifier for the system landscape the recommendation set belongs to.
SAPRecommendationSet StatusID	Type: integer. Key The status of the recommendation set.
CalculationDate	Type: datetime. Nullable The date of the license postion calculation.
CreationUser	Type: text (max 256 characters) The user who created the recommendation set.
CreationDate	Type: datetime The data and time the recommendation set was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the recommendation set.
UpdatedDate	Type: datetime The date and time the recommendation set was last updated.
ReviewedUser	Type: text (max 256 characters). Nullable The user who reviewed the recommendation set.

Database Column	Details
ReviewedDate	Type: datetime. Nullable The date and time the recommendation set was reviewed.
ReleasedUser	Type: text (max 256 characters). Nullable The user who released the recommendation set.
ReleasedDate	Type: datetime. Nullable The date and time the recommendation set was released.
Uploaded	Type: boolean Indicates whether the recommendation set was oploaded by FNM-SAP
UploadedDate	Type: datetime. Nullable The date the recommendation set was oploaded by FNM-SAP

SAPRecommendationSetStatus Table

This table stores SAP Recommendation Set status.

Table 585: Database columns for SAPRecommendationSetStatus table

Database Column	Details
SAPRecommendationSet StatusID	Type: integer. Key. Generated ID A unique identifier for each SAPRecommendationSetStatus. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = In Review • 2 = Archived • 3 = Released • 4 = New License Position • 5 = Rejected • 6 = Simulation • 7 = Creating • 8 = Previous License Position.
ResourceName	Type: text (max 256 characters). Key A localizable resource string representing an SAP recommendation set status. Foreign key to the ComplianceResourceString table.

Database Column	Details
DefaultValue	Type: text (max 100 characters) The text to display if the status resource string has no translation.

SAPRecommendationSetSummary Table

This table stores a history of SAP license positions.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 586: Database columns for SAPRecommendationSetSummary table

Database Column	Details
SAPRecommendationSetSummaryID	Type: integer. Key. Generated ID A unique identifier for the SAP license recommendation summary.
LandscapeUID	Type: text (max 128 characters). Key A global unique identifier for the system landscape the summary belongs to.
RecommendationSetUID	Type: text (max 128 characters). Key A global unique identifier for the SAP recommendation set the summary belongs to.
SAPRecommendationSetStatusID	Type: integer The status of the recommendation set.
LicenseType	Type: text (max 2 characters). Key. Nullable The license code to which the position applies.
EntitlementsPurchased	Type: integer Total number of purchased license entitlements.
EntitlementsOriginal	Type: integer Total number of consumed license entitlements.
EntitlementsRecommended	Type: integer Total number of recommended license entitlements.
LicenseTypeUnitPrice	Type: currency. Nullable The unit price of a license entitlement.
LicenseTypeUnitPriceRateID	Type: integer. Nullable The unit price rate of a license entitlement.

Database Column	Details
CalculationDate	Type: datetime The date of the license postion calculation.
EntitlementsOptimal	Type: integer Total number of recommended license entitlements without license ratio constraints.

SAPRole Table

This table stores SAP roles



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 587: Database columns for SAPRole table

Database Column	Details
SAPRoleID	Type: integer. Key. Generated ID A unique identifier for the SAP role.
SAPSystemID	Type: integer. Key Foreign key to the system that the role belongs to.
RoleName	Type: text (max 30 characters) The name of the role.
NumberOfTransactionCodes	Type: integer. Nullable Total number of transaction codes allowed to be executed by this role.
LicenseType	Type: text (max 2 characters). Nullable License type associated to this role

SAPRoleConsumption Table

This table stores SAP roles and its link to SAP consumption.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 588: Database columns for SAPRoleConsumption table

Database Column	Details
SAPRoleConsumptionID	Type: big integer. Key. Generated ID A unique identifier for for SAP role consumption.
SAPUserID	Type: integer. Key Foreign key to the SAP user that the role consumption belongs to.
CompositeRoleID	Type: integer. Key. Nullable Foreign key to SAP role.
SingleRoleID	Type: integer. Key Foreign key to SAP role.
SingleRoleTransaction CodeID	Type: integer. Key Foreign key to SAP transaction code.
SAPConsumptionID	Type: integer. Key Foreign key to SAP consumption.

SAPRoleTransactionCode Table

This table stores list of roles and its transaction codes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 589: Database columns for SAPRoleTransactionCode table

Database Column	Details
SAPRoleTransactionCodeID	Type: integer. Key. Generated ID A unique identifier for the roles and its transaction codes.
SAPRoleID	Type: integer. Key Foreign to the SAP Roles where transaction codes belong to.
TCodeLow	Type: text (max 80 characters). Key. Nullable Lower range of the transaction code.
TCodeHigh	Type: text (max 40 characters). Nullable Upper range of the transaction code.

SAPRule Table

This table stores SAP rules used for recommending optimizations for SAP.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 590: Database columns for SAPRule table

Database Column	Details
SAPRuleID	Type: integer. Key. Generated ID A unique identifier for the SAP rule.
RuleName	Type: text (max 128 characters) Name of the rule.
SAPRuleTypeID	Type: integer. Key Foreign key to the rule type of the SAP rule.
SAPRuleSetID	Type: integer. Key Foreign key to the rule set that the SAP rule belongs to.
RuleDefinition	Type: text The rule definition XML used to build the rule statement used by the SAP rules engine.
SequenceNumber	Type: integer The sequence number used to designate the order of the rules within the rule set.
SAPRuleCategoryID	Type: integer. Key Foreign key to the rule category of the SAP rule.
IsActive	Type: boolean Whether or not this rule is active for execution.
UseRuleSetMapping	Type: boolean Whether or not to use mapping from the SAP rule set
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.

Database Column	Details
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

SAPRuleAlgorithm Table

This table stores the available SAP rule algorithms used by SAP rules.

Table 591: Database columns for SAPRuleAlgorithm table

Database Column	Details
SAPRuleAlgorithmID	Type: integer. Key. Generated ID A unique identifier for the SAP rule algorithm.
AlgorithmName	Type: text (max 100 characters). Key A unique name for the SAP category.
SAPRuleCategoryID	Type: integer. Key Foreign key to the rule category of the SAP rule algorithm.
TitleResourceName	Type: text (max 256 characters). Nullable A localizable resource string representing an SAP rule algorithm. Foreign key to the ComplianceResourceString table.
TitleDefaultValue	Type: text (max 100 characters) The text to display if the rule type resource string has no translation.
AlgorithmType	Type: text Type associated with this algorithm
AlgorithmData	Type: text. Nullable Data associated with this algorithm, such as a custom SQL query to run.

SAPRuleCategory Table

This table stores the different rule categories used in recommending optimizations for SAP.

Table 592: Database columns for SAPRuleCategory table

Database Column	Details
SAPRuleCategoryID	Type: integer. Key. Generated ID A unique identifier for the SAP rule category.

Database Column	Details
CategoryName	Type: text (max 100 characters). Key A unique name for the SAP category.

SAPRuleMapping Table

This table stores mapping between SAP rule to either System Landscapes, System Groups or SAP systems.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 593: Database columns for SAPRuleMapping table

Database Column	Details
SAPRuleMappingID	Type: integer. Key. Generated ID A unique identifier for the SAP rule set mapping.
SAPRuleID	Type: integer. Key Foreign key to SAP Rule ID
SAPSystemLandscapeID	Type: integer. Key. Nullable Foreign key to System Landscape ID
SAPSystemGroupID	Type: integer. Key. Nullable Foreign key to System Group ID.
SAPSystemID	Type: integer. Key. Nullable Foreign key to the SAP system.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

SAPRuleSet Table

This table stores SAP rule sets used for recommending optimizations for SAP.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 594: Database columns for SAPRuleSet table

Database Column	Details
SAPRuleSetID	Type: integer. Key. Generated ID A unique identifier for the SAP rule set.
RuleSetName	Type: text (max 128 characters) Name of rule set.
RuleSetDescription	Type: text. Nullable Description of rule set.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the SAP rule set belongs to.
IsActive	Type: boolean Whether or not this rule set is used to automatically optimize SAP license assignments.
SequenceNumber	Type: integer The sequence number used to designate the order of the rule sets within the landscape.
SAPRuleCategoryID	Type: integer. Key Foreign key to the rule category of the SAP rule set.
NumberOfConsumptionMonth	Type: integer
ConsumptionMonthEndDate	Type: datetime. Nullable End date of consumption period used for recommending optimizations. If null,
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.

Database Column	Details
UpdatedDate	Type: datetime The date and time the system landscape was last updated.
SecurityTypeID	Type: integer Security type for this object. Foreign key to the SecurityType table.

SAPRuleSetMapping Table

This table stores mapping between SAP rule sets to either System Landscapes, System Groups or SAP systems.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 595: Database columns for SAPRuleSetMapping table

Database Column	Details
SAPRuleSetMappingID	Type: integer. Key. Generated ID A unique identifier for the SAP rule set mapping.
SAPRuleSetID	Type: integer. Key Foreign key to SAP Rule Set ID
SAPSystemLandscapeID	Type: integer. Key. Nullable Foreign key to System Landscape ID
SAPSystemGroupID	Type: integer. Key. Nullable Foreign key to System Group ID.
SAPSystemID	Type: integer. Key. Nullable Foreign key to the SAP system.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

SAPRuleType Table

This table stores the available SAP rule types used for recommending optimizations for SAP.

Table 596: Database columns for SAPRuleType table

Database Column	Details
SAPRuleTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP rule type.
TypeName	<i>Type:</i> text (max 100 characters). Key A unique name for the SAP rule type.
SAPRuleCategoryID	<i>Type:</i> integer. Key Foreign key to the rule category of the SAP rule.
TitleResourceName	<i>Type:</i> text (max 256 characters). Nullable A localizable resource string representing an SAP rule type. Foreign key to the ComplianceResourceString table.
TitleDefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the rule type resource string has no translation.
RuleTemplate	<i>Type:</i> text The template used to build a rule for the SAP rules engine.
DefaultRuleDefinition	<i>Type:</i> text. Nullable Default rule definition for newly created SAP rule

SAPSecurityUser Table

This table stores the operators allowed to access SAP objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 597: Database columns for SAPSecurityUser table

Database Column	Details
SAPSecurityUserID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP security user table.
TargetTypeID	<i>Type:</i> integer. Key Target type of object with restricted access.

Database Column	Details
SAPSystemLandscapeID	Type: integer. Key. Nullable The unique identifier of an SAP system landscape.
SAPSystemID	Type: integer. Key. Nullable The unique identifier of an SAP system.
SAPRuleSetID	Type: integer. Key. Nullable The unique identifier of an SAP rule set.
ResourceID	Type: integer The unique identifier of a security resource.
ActionClassID	Type: integer The unique identifier of a security action class.
ComplianceOperatorID	Type: integer. Key The unique identifier of an operator.

SAPSystem Table

This table stores the data specific to the definition of SAP systems.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 598: Database columns for SAPSystem table

Database Column	Details
SAPSystemID	Type: integer. Key. Generated ID A unique identifier for the SAP system.
SystemName	Type: text (max 128 characters) The name of the SAP system.
SystemDescription	Type: text. Nullable A more detailed description of the SAP system.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the SAP system belongs to.
SAPSystemGroupID	Type: integer. Key. Nullable Foreign key to the system group that the SAP system belongs to.

Database Column	Details
SAPSystemEnvironmentID	Type: integer. Key. Nullable The type of environment for the SAP system.
SystemID	Type: text (max 64 characters) The System ID that is used to identify the SAP system.
ClientID	Type: text (max 32 characters) The Client ID that is to be used when connecting to the SAP system.
ServerName	Type: text (max 256 characters). Nullable The DNS name of the SAP system. This value will be used by the RFC connection. This field can also store the SAP System's IP address.
SystemNumber	Type: text (max 32 characters). Nullable The SAP system number. This value will be used by the RFC connection.
Username	Type: text (max 256 characters). Nullable The user name that is to be used when connecting to the SAP system.
Password	Type: binary. Nullable The password that is to be used when connecting to the SAP system.
IsOfflineSystem	Type: boolean Indicates whether an SAP system is offline.
IsPortalSystem	Type: boolean Indicates whether the system is a portal system.
SystemStatus	Type: text (max 128 characters). Nullable The status of the SAP system.
UsersControlledByCUA	Type: boolean Identifies whether the uses on the SAP system are controlled by a CUA.
ModelView	Type: text (max 128 characters). Nullable Further clarification required.
CUACentralSystem	Type: boolean The status of the SAP system.
CUACentralSystemID	Type: text (max 128 characters). Nullable The System ID of the CUA system that this SAP system is controlled by.
FNMSAPRelease	Type: text (max 128 characters). Nullable The version of FNM for SAP installed on the SAP system.

Database Column	Details
LAWVersion	Type: text (max 128 characters). Nullable The version of the License Assignment Workbench module installed on the SAP system.
SAPRelease	Type: text (max 128 characters). Nullable The version of SAP installed on the SAP system.
SAPPatchRelease	Type: text (max 128 characters). Nullable The SAP patch version
STPIRelease	Type: text (max 128 characters). Nullable The ST-PI version
DBSystem	Type: text (max 128 characters). Nullable The database system running on the SAP system.
HardwareKey	Type: text (max 128 characters). Nullable The hardware key of the SAP system.
InstallationNumber	Type: text (max 128 characters). Nullable The SAP system installation number
LastChangedOn	Type: datetime. Nullable The date and time the SAP system data was last refreshed.
SupportPackage	Type: text (max 128 characters). Nullable The support package of the SAP system.
HRSystem	Type: text (max 128 characters). Nullable The SAP system which contains the HR data.
SystemType	Type: text (max 128 characters). Nullable Indicates whether the SAP system is an ABAP or JAVA based system.
DefaultLicenseType	Type: text (max 2 characters). Nullable Default license type for the SAP system.
ContactFirstName	Type: text (max 128 characters). Nullable First name of the contact for this system.
ContactLastName	Type: text (max 128 characters). Nullable Last name of the contact for this system.
ContactBusinessPhone Number	Type: text (max 30 characters). Nullable Business phone number of the contact for this system.

Database Column	Details
ContactMobilePhoneNumber	Type: text (max 30 characters). Nullable Mobile phone number of the contact for this system.
ContactEmail	Type: text (max 200 characters). Nullable Email address of the contact for this system.
Location	Type: text (max 128 characters). Nullable Location of this system.
InventoryDate	Type: datetime. Nullable The date and time the SAP system data was collected by SAP Reader.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.
SecurityTypeID	Type: integer. Key Security type for this object. Foreign key to the SecurityType table.
AccessToModuleData	Type: boolean Indicates whether the system has access to module data.
SAPSystemTypeID	Type: integer The type of system for the system. Foreign key to the SAPSystemType table.
SAPConnectivityTypeID	Type: integer. Nullable The type of connectivity for the SAP system. Foreign key to the SAPConnectivityType table.
SAPConnectivityDirectionTypeID	Type: integer. Nullable The type of SAP connectivity direction for the SAP system. Foreign key to the SAPConnectivityDirectionType table.
BeaconUID	Type: unique identifier. Key. Nullable The inventory beacon where this connection is defined.
SAPSystemRoleTypeID	Type: integer. Nullable The type of SAP SystemRole for the SAP system. Foreign key to SAPSystemRoleType Table

Database Column	Details
MasterSAPSystemID	Type: integer. Nullable A unique identifier for the Master SAP system.
SAPSystemClassID	Type: integer. Key. Nullable The class of SAP system. Foreign key to the SAPPlatformType table.
SAPSystemMigration StatusID	Type: integer. Nullable Migration status of the SAP system. Foreign key to the SAPSystemMigrationStatus table.

SAPSystemActivityCheckSummary Table

This table stores the link between SAP System and SAP Activity Check Summary data.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 599: Database columns for SAPSystemActivityCheckSummary table

Database Column	Details
SAPSystemActivityCheck SummaryID	Type: integer. Key. Generated ID A unique identifier.
SAPSystemID	Type: integer. Key The Non-SAP system foreign key.
SAPActivityCheckSummaryID	Type: integer. Key The SAP Activity Check Summary data foreign key.

SAPSystemClass Table

This table stores classes of SAP systems e.g. S/4HANA, Classic Business Suite

Table 600: Database columns for SAPSystemClass table

Database Column	Details
SAPSystemClassID	Type: integer. Key. Generated ID A unique identifier for the SAP system class.

Database Column	Details
ClassName	<p>Type: text (max 64 characters). Key</p> <p>A unique lookup for each SAPSystemClass. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> ClassicBusinessSuite S4Hana
ResourceName	<p>Type: text (max 256 characters). Nullable</p> <p>A localizable resource string representing a SAP system class. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the SAP system class resource string has no translation.</p>

SAPSystemEngineMetric Table

This table stores the value of applications engine metrics per system.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 601: Database columns for SAPSystemEngineMetric table

Database Column	Details
SAPSystemEngineMetricID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for the SAP system engine metric name table.</p>
SAPEngineID	<p>Type: integer. Key</p> <p>The unique identifier of an SAP engine.</p>
SAPEngineMetricID	<p>Type: integer. Key</p> <p>The unique identifier of an SAP engine metric.</p>
SAPSystemID	<p>Type: integer. Key</p> <p>The unique identifier of an SAP system.</p>
SAPEnginePeriodTypeID	<p>Type: integer. Key</p> <p>A unique identifier for the SAP engine period type.</p>
MetricValue	<p>Type: decimal</p> <p>The value of the application engine metric.</p>

Database Column	Details
PeriodStartDate	<i>Type:</i> datetime. Key. Nullable The start date of the SAP application engine metric calculation period.
PeriodEndDate	<i>Type:</i> datetime. Key. Nullable The end date of the SAP application engine metric calculation period.
CalculationDate	<i>Type:</i> datetime. Key. Nullable The date the SAP application engine metric calculation was performed.

SAPSystemEnvironment Table

This table stores SAP System Environment.

Table 602: Database columns for SAPSystemEnvironment table

Database Column	Details
SAPSystemEnvironmentID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP System Environment.
EnvironmentCode	<i>Type:</i> text (max 1 characters). Key A unique lookup for each SAPSystemEnvironment. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • P = Production • T = Test • C = Customizing • D = Demo • E = Training/Education • S = SAP reference
ResourceName	<i>Type:</i> text (max 256 characters) A localizable resource string representing an SAP system environment name. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the SAP system environment resource string has no translation.

SAPSystemGroup Table

This table stores the data specific to the definition of SAP system groups.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 603: Database columns for SAPSystemGroup table

Database Column	Details
SAPSystemGroupID	Type: integer. Key. Generated ID A unique identifier for the SAP system group.
GroupName	Type: text (max 128 characters). Key The name of the SAP system group.
GroupDescription	Type: text. Nullable A more detailed description of the SAP system group.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the SAP system group belongs to.
ParentSAPSystemGroupID	Type: integer. Key. Nullable Foreign key to the SAP system group that is its parent. This field will be null if the SAP system group is itself a top level SAP system group.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

SAPSystemLandscape Table

This table stores the data specific to the definition of system landscapes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 604: Database columns for SAPSystemLandscape table

Database Column	Details
SAPSystemLandscapeID	Type: integer. Key. Generated ID A unique identifier for the system landscape.
LandscapeUID	Type: text (max 128 characters). Key A global unique identifier for the system landscape.
LandscapeName	Type: text (max 128 characters) A unique identifier for the system landscape.
LandscapeDescription	Type: text. Nullable A more detailed description of the SAP system group.
SAPSystemLandscape StatusID	Type: integer Identifies whether this system landscape is actively being used in the license optimization process.
LocationID	Type: text (max 128 characters). Key. Nullable Any enterprise location associated with this landscape. Foreign key to the GroupEx table.
BusinessUnitID	Type: text (max 128 characters). Key. Nullable Any corporate unit in the enterprise associated with this landscape. Foreign key to the GroupEx table.
CostCenterID	Type: text (max 128 characters). Key. Nullable Any cost center in the enterprise associated with this landscape. Foreign key to the GroupEx table.
CategoryID	Type: text (max 128 characters). Key. Nullable Any enterprise category associated with this landscape. Foreign key to the GroupEx table.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

Database Column	Details
SecurityTypeID	Type: integer Security type for this object. Foreign key to the SecurityType table.
CanRebalanceLicenseTypes	Type: boolean Indicates whether license types can be rebalanced to use excess purchases of higher license types.

SAPSystemLandscapeEngine Table

This table stores an engine in the system landscape.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 605: Database columns for SAPSystemLandscapeEngine table

Database Column	Details
SAPSystemLandscapeEngineID	Type: integer. Key. Generated ID A unique identifier for the SAP system landscape engine table.
SAPSystemLandscapeID	Type: integer. Key Foreign key to the system landscape that the SAP engine belongs to.
EngineUID	Type: text (max 128 characters). Key A global unique identifier for the SAP engine in a system landscape.
EngineName	Type: text (max 128 characters) Name of engine.
EngineDescription	Type: text. Nullable Description of engine.
ApplicationID	Type: integer. Nullable SAP internal application ID
IsActive	Type: boolean Whether or not the engine is active for inclusion in license position.
NumberPurchased	Type: integer. Nullable
UnitPrice	Type: currency. Nullable
UnitPriceRateID	Type: integer. Nullable

Database Column	Details
SAPContentEngineID	Type: integer. Key. Nullable A unique identifier for the SAP content engine table.
SAPContentEngineRuleID	Type: integer. Key. Nullable A unique identifier for the SAP content engine rule table.
CustomRuleDefinition	Type: text. Nullable Custom rule definition for calculating consumption of an engine.
CustomTotalConsumption	Type: integer. Nullable Self-declared total consumption.
UseCustomTotalConsumption	Type: boolean Use CustomTotalConsumption
ConsumptionUnit	Type: text. Nullable Unit description to describe the consumption amount.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

SAPSystemLandscapeEngineMapping Table

This table stores mapping between SAP system landscape engines to either System Landscapes, System Groups or SAP systems.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 606: Database columns for SAPSystemLandscapeEngineMapping table

Database Column	Details
SAPSystemLandscapeEngineMappingID	Type: integer. Key. Generated ID A unique identifier for the SAP system landscape engine mapping.

Database Column	Details
SAPSystemLandscapeEngineID	Type: integer. Key Foreign key to SAPSystemLandscapeEngine ID
SAPSystemLandscapeID	Type: integer. Key. Nullable Foreign key to System Landscape ID
SAPSystemGroupID	Type: integer. Key. Nullable Foreign key to System Group ID.
SAPSystemID	Type: integer. Key. Nullable Foreign key to the SAP system.
CreationUser	Type: text (max 256 characters) The user who created the system landscape.
CreationDate	Type: datetime The data and time the system landscape was created.
UpdatedUser	Type: text (max 256 characters) The last user who update the system landscape.
UpdatedDate	Type: datetime The date and time the system landscape was last updated.

SAPSystemLandscapeLicenseType Table

This table stores SAP license types belonging to SAP system landscapes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 607: Database columns for SAPSystemLandscapeLicenseType table

Database Column	Details
SAPSystemLandscapeLicenseTypeID	Type: integer. Key. Generated ID A unique identifier for SAP system landscape license type.
SAPSystemLandscapeID	Type: integer. Key Foreign key to SAP system landscape.
Identifier	Type: text (max 2 characters). Key The SAP license type identifier.

Database Column	Details
ShortName	Type: text (max 128 characters). Nullable The SAP license type short name.
LongName	Type: text (max 256 characters). Nullable The SAP license type long name.
Active	Type: boolean Indicate whether the SAP license is active or not.
IsS4HanaRecommended	Type: boolean Indicates whether the license type is included in Recommended license types for S/4HANA in License Assignment Rule.
NumberPurchased	Type: integer. Nullable Number purchased.
UnitPrice	Type: currency. Nullable Unit price of an SAP license type.
UnitPriceRateID	Type: integer. Nullable The unit price rate of an SAP license type.
CreationUser	Type: text (max 128 characters). Nullable The user who created the SAP license type.
CreationDate	Type: datetime The data and time the SAP license type was created.
UpdatedUser	Type: text (max 128 characters). Nullable The last user who update the SAP license type.
UpdatedDate	Type: datetime The date and time the SAP license type was last updated.
AllowLicenseBalancing	Type: boolean Indicates whether license types can be rebalanced to use excess purchases of higher license types.

SAPSystemLandscapeLicenseTypeHierarchy Table

This table stores the SAP license hierarchy for an SAP system landscape.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 608: Database columns for SAPSystemLandscapeLicenseTypeHierarchy table

Database Column	Details
SAPSystemLandscapeLicenseTypeHierarchyID	Type: integer. Key. Generated ID A unique identifier for the license type hierarchy
SAPSystemLandscapeLicenseTypeID	Type: integer. Key A parent system landscape license type. Foreign key to SAP system landscape license type.
ChildSAPSystemLandscapeLicenseTypeID	Type: integer. Key A child system landscape license type. Foreign key to SAP system landscape license type.

SAPSystemLandscapeLicenseTypeImport Table

This table stores the imported SAP license type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 609: Database columns for SAPSystemLandscapeLicenseTypeImport table

Database Column	Details
SAPSystemLandscapeLicenseTypeImportID	Type: integer. Key. Generated ID A unique identifier for the imported SAP license type.
SAPSystemLandscapeID	Type: integer. Key Foreign key to SAP system landscape.
SAPSystemID	Type: integer. Key Foreign key to SAP system
SystemName	Type: text (max 128 characters). Nullable The SAP system name.
ImportUser	Type: text (max 128 characters). Nullable The user who imported the SAP license type
ImportDate	Type: datetime The data and time the SAP license type was imported

SAPSystemLandscapeStatus Table

This table stores SAP System Landscape status.

Table 610: Database columns for SAPSystemLandscapeStatus table

Database Column	Details
SAPSystemLandscape StatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each SAPSystemLandscapeStatus. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Inactive • 2 = Active • 3 = Archived • 4 = Simulation
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>A localizable resource string representing an SAP System Landscape status. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the status resource string has no translation.</p>

SAPSystemMigrationStatus Table

This table stores SAP system migration status.

Table 611: Database columns for SAPSystemMigrationStatus table

Database Column	Details
SAPSystemMigration StatusID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for each SAPSystemMigrationStatusID. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = NotPlanned • 2 = Planned • 3 = InProgress • 4 = Completed

Database Column	Details
ResourceName	Type: text (max 256 characters). Key A localizable resource string representing a SAP system migration status. Foreign key to the ComplianceResourceString table.
DefaultValue	Type: text (max 100 characters) The text to display if the status resource string has no translation.

SAPSystemModule Table

This table stores the modules used in SAP and the system they are used on.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 612: Database columns for SAPSystemModule table

Database Column	Details
SAPSystemModuleID	Type: integer. Key. Generated ID A unique identifier for the SAP system module table.
SAPSystemID	Type: integer. Key The unique identifier of an SAP system.
SAPModuleID	Type: integer. Key The unique identifier of an SAP module.

SAPSystemObject Table

This table stores objects belonging to SAP systems



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 613: Database columns for SAPSystemObject table

Database Column	Details
SAPSystemObjectID	Type: integer. Generated ID A unique identifier for the SAP system object

Database Column	Details
SAPSystemID	Type: integer. Key Foreign key to the SAP system that the object belongs to.
SAPObjectID	Type: integer. Key Foreign key to the SAP object.

SAPSystemPriceList Table

This table stores the SAP system price list.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 614: Database columns for SAPSystemPriceList table

Database Column	Details
SAPSystemPriceListID	Type: integer. Key. Generated ID A unique identifier for the SAP system price list.
SAPSystemID	Type: integer. Key Foreign key to the system that the price list belongs to.
PriceListID	Type: text (max 2 characters). Key SAP Price List ID
DefaultLicenseType	Type: text (max 2 characters). Nullable LicenseType associated to this price list
IsActive	Type: boolean Indicates whether the price list is active or not active.
Surcharge	Type: boolean Indicates whether the price list affected by surcharge.

SAPSystemPriceListName Table

This table stores the SAP system price name in multiple languages.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 615: Database columns for SAPSystemPriceListName table

Database Column	Details
SAPSystemPriceListNameID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP system price list name.
SAPSystemPriceListID	<i>Type:</i> integer. Key Foreign key to the SAP price list.
Language	<i>Type:</i> text (max 4 characters) A unique code to identify the language.
PriceListName	<i>Type:</i> text (max 128 characters). Nullable The name of the SAP price list.

SAPSystemRFCConnectionSummary Table

This table stores the link between SAP System and RFC Consumption.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 616: Database columns for SAPSystemRFCConnectionSummary table

Database Column	Details
SAPSystemRFCConnectionSummaryID	<i>Type:</i> integer. Key. Generated ID A unique identifier.
SAPSystemID	<i>Type:</i> integer. Key The Non-SAP system
SAPRFCConnectionSummaryID	<i>Type:</i> integer. Key The RFC consumption.

SAPSystemRoleType Table

This table stores SAP System Role Type.

Table 617: Database columns for SAPSystemRoleType table

Database Column	Details
SAPSystemRoleTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP System Role type.
TypeName	<i>Type:</i> text (max 64 characters). Key A unique lookup for each SAPSystemRoleType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • AdminModule • IndependentSAPSystem • DependentSAPSystem
ResourceName	<i>Type:</i> text (max 256 characters). Nullable A localizable resource string representing an SAP System Role type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the SAP System Role type resource string has no translation.

SAPSystemType Table

This table stores SAP system type.

Table 618: Database columns for SAPSystemType table

Database Column	Details
SAPSystemTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP system type.
TypeName	<i>Type:</i> text (max 64 characters). Key A unique lookup for each SAPSystemType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • SAP • NonSAP
ResourceName	<i>Type:</i> text (max 256 characters). Nullable A localizable resource string representing an SAP system type. Foreign key to the ComplianceResourceString table.
DefaultValue	<i>Type:</i> text (max 100 characters) The text to display if the SAP system type resource string has no translation.

SAPTransactionProfile Table

This table stores SAP transaction profiles.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 619: Database columns for SAPTransactionProfile table

Database Column	Details
SAPTransactionProfileID	Type: integer. Key. Generated ID A unique identifier for the SAP transaction profile.
SAPSystemLandscapeID	Type: integer. Key Foreign key to SAP system landscapes the SAP transaction profile belongs to.
TransactionProfileName	Type: text (max 128 characters) Name of the SAP transaction profile
Description	Type: text. Nullable Description of the SAP transaction profile
CreationUser	Type: text (max 128 characters). Nullable The user who created the SAP transaction profile.
CreationDate	Type: datetime The data and time the SAP transaction profile was created.
UpdatedUser	Type: text (max 128 characters). Nullable The last user who update the SAP transaction profile.
UpdatedDate	Type: datetime The date and time the SAP transaction profile was last updated.

SAPTransactionProfileObject Table

This table stores the linking between SAP transaction profile and SAP object.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 620: Database columns for SAPTransactionProfileObject table

Database Column	Details
SAPTransactionProfileObjectID	<i>Type:</i> integer. Key. Generated ID A unique identifier for the SAP transaction profile object
SAPTransactionProfileID	<i>Type:</i> integer. Key Foreign key to an SAP transaction profile.
ObjectName	<i>Type:</i> text (max 128 characters) The SAP object name
Description	<i>Type:</i> text. Nullable The SAP object description
IsTransaction	<i>Type:</i> boolean Indicates whether the object is of type Transaction
IsReport	<i>Type:</i> boolean Indicates whether the object is of type Report
IsJob	<i>Type:</i> boolean Indicates whether the object is of type Job
IsExcludedFromProfile	<i>Type:</i> boolean Indicates whether the object is marked as excluded from this profile.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The user who created the profile and object link.
CreationDate	<i>Type:</i> datetime The data and time the profile and object link was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The last user who update the profile and object link.
UpdatedDate	<i>Type:</i> datetime The date and time the profile and object link was last updated.
IsNonSAP	<i>Type:</i> boolean Indicates whether the object is of type Non-SAP

SAPUser Table

This table stores the data specific to the definition of SAP users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 621: Database columns for SAPUser table

Database Column	Details
SAPUserID	Type: integer. Key. Generated ID A unique identifier for the SAP user.
SAPSystemID	Type: integer. Key Foreign key to the system that the user belongs to.
UserName	Type: text (max 256 characters). Key The SAP user's username.
FirstName	Type: text (max 40 characters). Nullable The SAP user's first name.
LastName	Type: text (max 40 characters). Nullable The SAP user's last name.
ValidFrom	Type: datetime. Nullable The date that the SAP user is valid from on the SAP system.
ValidTo	Type: datetime. Nullable The date that the SAP user is valid to on the SAP system.
UserType	Type: text (max 1 characters). Nullable The type of user the SAP user is.
LicenseType	Type: text (max 2 characters). Nullable The type of license assigned to the SAP user.
UserGroup	Type: text (max 12 characters). Nullable The user group the SAP user belongs to.
LastLogonDate	Type: datetime. Nullable The date when the SAP user last logged on to the SAP system.
IsDeveloper	Type: boolean Indicates whether the SAP user is a developer or not.
UserCreationDate	Type: datetime. Nullable The date the SAP user was created.
EmailAddress	Type: text (max 128 characters). Nullable The SAP user's email address.

Database Column	Details
TelephoneNumber	<i>Type:</i> text (max 30 characters). Nullable The SAP user's telephone number.
TelephoneExtension	<i>Type:</i> text (max 10 characters). Nullable The SAP user's telephone extension.
AccountID	<i>Type:</i> text (max 12 characters). Nullable The SAP user's account ID.
CostCenter	<i>Type:</i> text (max 8 characters). Nullable The cost center the SAP user belongs to.
CompanyName1	<i>Type:</i> text (max 40 characters). Nullable The name of the company the SAP user belongs to.
CompanyName2	<i>Type:</i> text (max 40 characters). Nullable The name of a second company the SAP user belongs to.
Department	<i>Type:</i> text (max 40 characters). Nullable The department the SAP user belongs to.
UserFunction	<i>Type:</i> text (max 40 characters). Nullable
UserLockStatus	<i>Type:</i> integer. Nullable User lock status.
SpecialVersionAssignment	<i>Type:</i> text (max 2 characters). Nullable
CountrySurcharge	<i>Type:</i> text (max 4 characters). Nullable
RepresentativeFromDate	<i>Type:</i> datetime. Nullable
RepresentativeToDate	<i>Type:</i> datetime. Nullable
IsDeleted	<i>Type:</i> boolean Indicated whether the SAP user has been deleted or not.
ChargeableUserClient	<i>Type:</i> text (max 32 characters). Nullable
ChargeableUserSysID	<i>Type:</i> text (max 32 characters). Nullable
ChargeableUserName	<i>Type:</i> text (max 12 characters). Nullable
RemoteServerUserName	<i>Type:</i> text (max 64 characters). Nullable Remote server user name

SAPUserRole Table

This table stores SAP users and its SAP role memberships



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 622: Database columns for SAPUserRole table

Database Column	Details
SAPUserRoleID	Type: integer. Key. Generated ID A unique identifier for SAP user role.
SAPUserID	Type: integer. Key Foreign key to the SAP user that the role belongs to.
SAPRoleID	Type: integer. Key Foreign key to SAP role.
ValidFrom	Type: datetime. Nullable The date that the SAP role is valid from.
ValidTo	Type: datetime. Nullable The date that the SAP role is valid to.

SAPUserType Table

This table stores SAP User type.

Table 623: Database columns for SAPUserType table

Database Column	Details
SAPUserTypeID	Type: integer. Key. Generated ID

Database Column	Details
UserCode	<p>Type: text (max 1 characters). Key</p> <p>A unique lookup for each SAPUserType. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • A = Dialog • B = System • C = Communication Data • D = BDC • L = Reference • S = Service
ResourceName	<p>Type: text (max 256 characters)</p> <p>A localizable resource string representing an SAP user type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p>Type: text (max 100 characters)</p> <p>The text to display if the system type resource string has no translation.</p>

ManageSoft Tables

The complete set of database tables documented here includes:

- DatabaseConfiguration table (see [DatabaseConfiguration Table](#))

DatabaseConfiguration Table

The DatabaseConfiguration table contains configuration properties for the FlexNet Manager Suite database tables, which are used for ongoing maintenance of the database.

Table 624: Database columns for DatabaseConfiguration table

Database Column	Details
Property	<p>Type: text (max 32 characters). Key</p> <p>The name of the property.</p>
Value	<p>Type: text (max 256 characters)</p> <p>The value of the property.</p>
Created	<p>Type: datetime</p> <p>The date and time the property was created.</p>

Database Column	Details
LastUpdate	<i>Type:</i> datetime The date and time the property was last updated.

ReferenceData Tables

The complete set of database tables documented here includes:

- Country table (see [Country Table](#))
- Language table (see [Language Table](#))
- Locale table (see [Locale Table](#))

Country Table

Stores country information, including their ISO country code and English names.

Table 625: Database columns for Country table

Database Column	Details
CountryCode	<i>Type:</i> text (max 2 characters). Key The two letter country code.
Name	<i>Type:</i> text (max 128 characters). Key The english name of the country.

Language Table

Stores language information, including their English names, and various forms of language id.

Table 626: Database columns for Language table

Database Column	Details
LangCode3	<i>Type:</i> text (max 3 characters). Key The three letter language code.
LangCode2	<i>Type:</i> text (max 2 characters). Nullable The two letter language code.
EnglishName	<i>Type:</i> text (max 128 characters). Key The english name of the language.

Database Column	Details
LocalName	<i>Type:</i> text (max 128 characters). Nullable The name of the language, written in the local language.
MSLanguageID	<i>Type:</i> integer. Nullable The Microsoft language id, as specified in winnt.h in the Platform SDK.

Locale Table

Stores locale information, which consists of country and language combinations. Use the `LocaleCode` column as the foreign key into this table.

Table 627: Database columns for Locale table

Database Column	Details
LocaleCode	<i>Type:</i> text (max 6 characters). Key A combination of the language code and country code, separated by a hyphen. If there is no country code, then there will be no hyphen added. This column MUST have the correct value when inserted, based on the values of the language and country codes.
LangCode3	<i>Type:</i> text (max 3 characters). Key The three letter language code.
CountryCode	<i>Type:</i> text (max 2 characters). Key. Nullable The two letter country code.
LocaleName	<i>Type:</i> text (max 128 characters) The name of the locale. For example, "English (United States)".
MSLocaleID	<i>Type:</i> integer. Nullable The Microsoft identifier for the locale. For example, 1033 for English (United States).

Rights Tables

The complete set of database tables documented here includes:

- ActionClass table (see [ActionClass Table](#))
- PartitionType table (see [PartitionType Table](#))
- Resource table (see [Resource Table](#))

ActionClass Table

The types of action on a Resource for which rights may be granted or denied.

Table 628: Database columns for ActionClass table

Database Column	Details
ActionClassID	Type: integer. Key. Generated ID Auto-generated identity number.
ActionClassName	Type: text (max 16 characters). Key The name of the ActionClass.

PartitionType Table

Some secured Resources may be partitioned. Partitions are used to grant rights to one part of a Resource excluding other parts, for example limiting rights so that the operator can access only certain distribution servers, organizational units, or areas in the software library. There are three types of partitioning, defined by entries in this table.

Table 629: Database columns for PartitionType table

Database Column	Details
PartitionTypeID	Type: integer. Key. Generated ID Auto-generated identity number.
PartitionTypeName	Type: text (max 32 characters). Key Name of the PartitionType.

Resource Table

Access rights are granted to the Resources defined in this table.

Table 630: Database columns for Resource table

Database Column	Details
ResourceID	Type: integer. Key. Generated ID Auto-generated identity number.
ResourceName	Type: text (max 16 characters). Key Name of the Resource.

Database Column	Details
PartitionTypeID	<i>Type:</i> integer. Nullable If not NULL, the type of partitioning used with this Resource.

Targeting Tables

The complete set of database tables documented here includes:

- TargetType table (see [TargetType Table](#))

TargetType Table

The TargetType table contains a row for each type of object that can be targeted in FlexNet Manager Suite.

Table 631: Database columns for TargetType table

Database Column	Details
TargetTypeID	<p>Type: integer. Key. Generated ID</p> <p>The ID for the target type:</p> <ul style="list-style-type: none"> Computers Users Group DistributionLocation DistributionServer Organization Assets Contracts Purchase orders Software licenses Software titles Compliance computers Compliance users Operators SAP system landscapes SAP systems SAP rule sets Discovered devices Beacon Vendor Device Rule Inventory connection FNMP Server Fast Import OLE DB Connection ORACLE Connection

Database Column	Details
	<ul style="list-style-type: none"> • XML • Intermediate File • ADSI Connection • Web Service • SQL Connection • Software Title Evidence • FNMEA Agent • Installed Software • Baseline Import • Available Package • Client ARL
TargetTypeName	<i>Type:</i> text (max 256 characters). Key The name of the target type.

Tenants Tables

The complete set of database tables documented here includes:

- FlexeraLicense table (see [FlexeraLicense Table](#))
- Tenant table (see [Tenant Table](#))

FlexeraLicense Table

The FlexeraLicense table contains the encoded contents of the Flexera Software licenses required for the tenants in the system. This table is also used by the system in the single-tenant setup where there is only one tenant.

Table 632: Database columns for FlexeraLicense table

Database Column	Details
TenantUID	<i>Type:</i> text (max 40 characters). Key The unique identifier of a tenant. A reference to the Tenant to which this license is attached.

Database Column	Details
License	<i>Type:</i> text The encoded contents of the Flexera Software license attached to a particular Tenant.
LicenseChecksum	<i>Type:</i> integer. Key The check sum of the license.
LicenseDetails	<i>Type:</i> XML. Nullable XML definition of the license details

Tenant Table

The Tenant table contains the details of each tenant in multitenant FlexNet Manager Suite database tables.

Table 633: Database columns for Tenant table

Database Column	Details
TenantID	<i>Type:</i> integer. Key. Generated ID The tenant ID in a multi-tenant database.
TenantUID	<i>Type:</i> text (max 40 characters). Key The unique identifier of a tenant. This identifier is used to identify the tenant in environments where tenant information is stored on multiple databases.
TenantName	<i>Type:</i> text (max 256 characters). Key The name of the tenant.
TenantDomain	<i>Type:</i> text (max 20 characters). Nullable The sub-domain to use for the tenant.
Comments	<i>Type:</i> text. Nullable Operator comments about this tenant record.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the tenant record.
CreationDate	<i>Type:</i> datetime The date the tenant record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The name of the operator who last updated the tenant record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the tenant record was last updated.

3

Dashboard Database Schema

This chapter describes the schema used for customized dashboards using the Analytics feature (powered by Cognos) of FlexNet Manager Suite.

There are three separate data models related to IBM Cognos within FlexNet Manager Suite:

- A model for use when customizing dashboards for FlexNet Manager Suite, which is the subject of this chapter
- An operational model for reporting on live data (this model is not separately documented)
- The dimensional data model for reporting on data that changes over time (see [DataWarehouse Database Schema](#)).

Dashboard Tables

The complete set of database tables documented here includes:

- ApplicationAction_CODE table (see [ApplicationAction_CODE Table](#))
- ApplicationCategory_CODE table (see [ApplicationCategory_CODE Table](#))
- ApplicationClassification_CODE table (see [ApplicationClassification_CODE Table](#))
- Application_DIM table (see [Application_DIM Table](#))
- Application_Measurement_FACT table (see [Application_Measurement_FACT Table](#))
- AssetStatus_CODE table (see [AssetStatus_CODE Table](#))
- AssetType_CODE table (see [AssetType_CODE Table](#))
- Asset_Activity_FACT table (see [Asset_Activity_FACT Table](#))
- Asset_FACT table (see [Asset_FACT Table](#))
- ContractStatus_CODE table (see [ContractStatus_CODE Table](#))
- ContractType_CODE table (see [ContractType_CODE Table](#))
- Contract_DIM table (see [Contract_DIM Table](#))

- [Contract_FACT](#) table (see [Contract_FACT Table](#))
- [CurrencyCurrentConversion_FACT](#) table (see [CurrencyCurrentConversion_FACT Table](#))
- [Currency_DIM](#) table (see [Currency_DIM Table](#))
- [DiscoveredDevices_Activity_FACT](#) table (see [DiscoveredDevices_Activity_FACT Table](#))
- [Installation_Activity_FACT](#) table (see [Installation_Activity_FACT Table](#))
- [Inventory_DuplicateHostName_FACT](#) table (see [Inventory_DuplicateHostName_FACT Table](#))
- [Inventory_DuplicateSerialNumber_FACT](#) table (see [Inventory_DuplicateSerialNumber_FACT Table](#))
- [Inventory_VirtualizationType_FACT](#) table (see [Inventory_VirtualizationType_FACT Table](#))
- [LicenseComplianceStatus_CODE](#) table (see [LicenseComplianceStatus_CODE Table](#))
- [LicenseStatus_CODE](#) table (see [LicenseStatus_CODE Table](#))
- [LicenseType_CODE](#) table (see [LicenseType_CODE Table](#))
- [License_DIM](#) table (see [License_DIM Table](#))
- [License_Position_FACT](#) table (see [License_Position_FACT Table](#))
- [PurchaseStatus_CODE](#) table (see [PurchaseStatus_CODE Table](#))
- [PurchaseType_CODE](#) table (see [PurchaseType_CODE Table](#))
- [Purchase_DIM](#) table (see [Purchase_DIM Table](#))
- [Purchase_Latest_FACT](#) table (see [Purchase_Latest_FACT Table](#))
- [Purchase_Spend_FACT](#) table (see [Purchase_Spend_FACT Table](#))
- [Purchase_Unprocessed_FACT](#) table (see [Purchase_Unprocessed_FACT Table](#))
- [ResourceString_CODE](#) table (see [ResourceString_CODE Table](#))
- [VMType_CODE](#) table (see [VMType_CODE Table](#))

ApplicationAction_CODE Table

[ApplicationAction_CODE](#) is an enumerated code table for application action status.

Table 634: Database columns for ApplicationAction_CODE table

Database Column	Details
ActionStatusID	<p><i>Type:</i> integer. Key</p> <p>A unique identifier for application action status. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Unmanaged (recently created application, not yet categorized) • 2 = Authorized (application is authorized for use in the enterprise) • 3 = Unauthorized (application is not authorized for use) • 4 = Ignored (application will not be tracked by the enterprise) • 5 = Inactive (application is not in use in the enterprise). • 6 = Deferred (application installed in enterprise but marked for later attention).
ActionStatus_en	<p><i>Type:</i> text (max 1000 characters)</p> <p>Action status of the application in English.</p>
ActionStatus_de	<p><i>Type:</i> text (max 1000 characters)</p> <p>Action status of the application in German.</p>
ActionStatus_fr	<p><i>Type:</i> text (max 1000 characters)</p> <p>Action status of the application in French.</p>
ActionStatus_ja	<p><i>Type:</i> text (max 1000 characters)</p> <p>Action status of the application in Japanese.</p>
ActionStatus_es	<p><i>Type:</i> text (max 1000 characters). Nullable</p> <p>Action status of the application in Spanish.</p>

ApplicationCategory_CODE Table

ApplicationCategory_CODE is an enumerated code table for UNSPSC categories.

Table 635: Database columns for ApplicationCategory_CODE table

Database Column	Details
CategoryID	<p><i>Type:</i> integer. Key</p> <p>Primary key of the category.</p>
Category_en	<p><i>Type:</i> text (max 1000 characters)</p> <p>Category (UNSPSC) of the application in English.</p>

Database Column	Details
Category_de	Type: text (max 1000 characters) Category (UNSPSC) of the application in German.
Category_fr	Type: text (max 1000 characters) Category (UNSPSC) of the application in French.
Category_ja	Type: text (max 1000 characters) Category (UNSPSC) of the application in Japanese.
Category_es	Type: text (max 1000 characters). Nullable Category (UNSPSC) of the application in Spanish.

ApplicationClassification_CODE Table

ApplicationClassification_CODE is an enumerated code table for application classifications.

Table 636: Database columns for ApplicationClassification_CODE table

Database Column	Details
ClassificationID	Type: integer. Key A unique identifier for application classifications. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Shareware • 2 = Freeware • 3 = Commercial • 4 = Update • 5 = Malware • 6 = Beta • 7 = XRated • 8 = None • 9 = Component
Classification_en	Type: text (max 1000 characters) Classification of the application in English.
Classification_de	Type: text (max 1000 characters) Classification of the application in German.

Database Column	Details
Classification_fr	Type: text (max 1000 characters) Classification of the application in French.
Classification_ja	Type: text (max 1000 characters) Classification of the application in Japanese.
Classification_es	Type: text (max 1000 characters). Nullable Classification of the application in Spanish.

Application_DIM Table

Application_DIM is a dimension table storing applications (specific edition and version of a product).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 637: Database columns for Application_DIM table

Database Column	Details
ApplicationID	Type: integer. Key Primary key of the application.
FullName	Type: text (max 512 characters). Key Full name of the application.
PublisherName	Type: text (max 200 characters). Key Publisher of the application.
ProductName	Type: text (max 200 characters). Key Product name of the application.
EditionName	Type: text (max 50 characters) Edition of the application.
VersionName	Type: text (max 50 characters) Version of the application.
CategoryID	Type: integer. Key. Nullable Category ID (UNSPSC) of the application.
ClassificationID	Type: integer. Key Classification ID of the application.

Database Column	Details
ActionStatusID	Type: integer. Key Action status ID of the application.
IsManaged	Type: boolean Whether the application is a managed or unmanaged application.
StartOfLifeDate	Type: datetime. Key. Nullable Start of life Date.
ReleaseDate	Type: datetime. Key. Nullable The date the application was released.
EndOfSalesDate	Type: datetime. Key. Nullable End of sales Date.
SupportedUntil	Type: datetime. Key. Nullable The date the application will be supported.
ExtendedSupportUntil	Type: datetime. Key. Nullable The date the application will be supported, in extended case.
EndOfLifeDate	Type: datetime. Key. Nullable End of life Date.

Application_Measurement_FACT Table

Application_Measurement_FACT is a fact table storing application measurements by operator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 638: Database columns for Application_Measurement_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
ApplicationID	Type: integer. Key Foreign key to the application.
SoftwareLicenseID	Type: integer. Key. Nullable Foreign key to SoftwareLicense_DIM.

Database Column	Details
InstallCount	<i>Type:</i> big integer Number of installations of this application covered by this license.
UnlicensedInstallCount	<i>Type:</i> big integer Number of installations of this application not covered by this license.

AssetStatus_CODE Table

AssetStatus_CODE is an enumerated code table for Asset status.

Table 639: Database columns for AssetStatus_CODE table

Database Column	Details
AssetStatusID	<i>Type:</i> integer. Key A unique identifier for Asset status. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Purchased • 2 = In Storage • 3 = Installed • 4 = Retired • 5 = Disposed • 6 = Other.
AssetStatus_en	<i>Type:</i> text (max 1000 characters) Status of the Asset in English.
AssetStatus_de	<i>Type:</i> text (max 1000 characters) Status of the Asset in German.
AssetStatus_fr	<i>Type:</i> text (max 1000 characters) Status of the Asset in French.
AssetStatus_ja	<i>Type:</i> text (max 1000 characters) Status of the Asset in Japanese.
AssetStatus_es	<i>Type:</i> text (max 1000 characters). Nullable Status of the Asset in Spanish.

AssetType_CODE Table

AssetType_CODE is an enumerated code table for Asset type.

Table 640: Database columns for AssetType_CODE table

Database Column	Details
AssetTypeID	<p><i>Type:</i> integer. Key</p> <p>A unique identifier for Asset type. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Workstation • 2 = Server • 3 = Monitor • 4 = Desk • 5 = Chair • 6 = Printer • 7 = Router • 8 = Switch • 9 = Telephone • 10 = Cell phone • 11 = Laptop. • 12 = Mobile Device.
AssetType_en	<p><i>Type:</i> text (max 1000 characters)</p> <p>Type of the Asset in English.</p>
AssetType_de	<p><i>Type:</i> text (max 1000 characters)</p> <p>Type of the Asset in German.</p>
AssetType_fr	<p><i>Type:</i> text (max 1000 characters)</p> <p>Type of the Asset in French.</p>
AssetType_ja	<p><i>Type:</i> text (max 1000 characters)</p> <p>Type of the Asset in Japanese.</p>
AssetType_es	<p><i>Type:</i> text (max 1000 characters). Nullable</p> <p>Type of the Asset in Spanish.</p>

Asset_Activity_FACT Table

Asset_Activity_FACT is a fact table storing assets that had activity in the last 90 days. Row count : 90 (days) * combination of AssetStatusID and AssetTypeID rows.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 641: Database columns for Asset_Activity_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
AgeInDay	Type: integer. Key The days relative to date when the table is last updated.
AssetStatusID	Type: integer. Key Asset status ID of the asset.
AssetTypeID	Type: integer. Key Asset type ID of the asset.
ActivityDate	Type: datetime The date the activity occurred.
NewCount	Type: integer Number of new assets created on this date.
LastReportedCount	Type: integer Number of assets when its inventory is last reported on this date.
OracleDBLastReportedCount	Type: integer Number of Oracle database assets when retired or disposed inventory is reported on this date.

Asset_FACT Table

Asset_FACT is a fact table storing the asset count by operator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 642: Database columns for Asset_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
AssetStatusID	Type: integer. Key Asset status ID.
AssetTypeID	Type: integer. Key Asset type ID.
TotalCount	Type: integer Number of assets.

ContractStatus_CODE Table

ContractStatus_CODE is a dimension table storing contract status information.

Table 643: Database columns for ContractStatus_CODE table

Database Column	Details
ContractStatusID	Type: integer. Key A unique identifier for Contract status. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Active • 2 = Archived • 3 = Draft • 4 = Suspended • 5 = Cancelled • 6 = Expired • 7 = Completed
ContractStatus_en	Type: text (max 1000 characters) Compliance status of the license in English.
ContractStatus_de	Type: text (max 1000 characters) Compliance status of the license in German.
ContractStatus_fr	Type: text (max 1000 characters) Compliance status of the license in French.

Database Column	Details
ContractStatus_ja	Type: text (max 1000 characters) Compliance status of the license in Japanese.
ContractStatus_es	Type: text (max 1000 characters) Compliance status of the license in Spanish.

ContractType_CODE Table

ContractType_CODE is a dimension table storing contract type information.

Table 644: Database columns for ContractType_CODE table

Database Column	Details
ContractTypeID	Type: integer. Key A unique identifier for Contract type. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = General • 2 = Lease • 3 = Hardware Maintenance and Support • 4 = Software License • 5 = Software Maintenance and Support • 6 = Blanket purchase • 7 = Consulting services • 8 = Insurance • 9 = Rent • 10 = Subscription • 11 = Microsoft Business and Services Agreement • 12 = Microsoft Select License Agreement • 13 = Microsoft Select Plus Agreement • 14 = Microsoft Select License Enrollment • 15 = Microsoft Select Plus Affiliate • 16 = Microsoft Enterprise Agreement • 17 = Microsoft Enterprise Subscription Agreement

Database Column	Details
ContractType_en	Type: text (max 1000 characters) Contract Type of the Contract in English.
ContractType_de	Type: text (max 1000 characters) Contract Type of the Contract in German.
ContractType_fr	Type: text (max 1000 characters) Contract Type of the Contract in French.
ContractType_ja	Type: text (max 1000 characters) Contract Type of the Contract in Japanese.
ContractType_es	Type: text (max 1000 characters) Contract Type of the Contract in Spanish.

Contract_DIM Table

Contract_DIM is a dimension table storing contracts information.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 645: Database columns for Contract_DIM table

Database Column	Details
ContractID	Type: integer. Key Primary key to the contract.
ContractNo	Type: text (max 60 characters) Contract No of the contract.
ContractName	Type: text (max 100 characters) Contract Name of the contract.
VendorName	Type: text (max 64 characters). Nullable Vendor Name of the contract.
IsEvergreen	Type: boolean If the contract never expires of the contract.
StartDate	Type: datetime. Nullable Start date of the contract.

Database Column	Details
ExpiryDate	Type: datetime. Nullable Expiry date of the contract.
ReviewDate	Type: datetime. Nullable Review date of the contract.
RenewalDate	Type: datetime. Nullable Renewal date of the contract.
IsLinkedToLicense	Type: boolean If the contract is linked to a license.

Contract_FACT Table

Contract_FACT is a fact table storing contracts information per ComplianceOperator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 646: Database columns for Contract_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
ContractID	Type: integer. Key Foreign key of the contract.
ContractTypeID	Type: integer Contract type ID of the contract.
ContractStatusID	Type: integer. Nullable Contract status ID of the contract.
CurrencyID	Type: integer Currency ID (total value id) of the contract.
GlobalAmount	Type: currency. Nullable Global amount (total value) of the contract.

CurrencyCurrentConversion_FACT Table

CurrencyCurrentConversion_FACT is a fact table storing current currency conversion rate.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 647: Database columns for CurrencyCurrentConversion_FACT table

Database Column	Details
FromCurrencyID	Type: integer. Key Foreign key to the Currency.
ToCurrencyID	Type: integer. Key Currency to convert to. Foreign key to the Currency.
ExchangeRate	Type: decimal Current exchange rate.

Currency_DIM Table

Currency_DIM is a dimension table storing latest currency exchange rates.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 648: Database columns for Currency_DIM table

Database Column	Details
CurrencyID	Type: integer. Key Primary key of the currency.
CurrencyCode	Type: text (max 32 characters). Key Code assigned to the currency.
LongPrefix	Type: text (max 32 characters) Long prefix to display in front of the money value.
LongSuffix	Type: text (max 32 characters) Long suffix to display after the money value.

Database Column	Details
LongFormat	Type: text (max 80 characters) Long format of the currency.
ShortPrefix	Type: text (max 32 characters) Short prefix to display in front of the money value.
ShortSuffix	Type: text (max 32 characters) Short suffix to display after the money value.
ShortFormat	Type: text (max 80 characters) Short format of the currency.
Currency_en	Type: text (max 1000 characters) Currency name in English.
Currency_de	Type: text (max 1000 characters) Currency name in German.
Currency_fr	Type: text (max 1000 characters) Currency name in French.
Currency_ja	Type: text (max 1000 characters) Currency name in Japanese.

DiscoveredDevices_Activity_FACT Table

DiscoveredDevices_FACT is a table containing devices discovered in the last 90 days but have no inventory.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 649: Database columns for DiscoveredDevices_Activity_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
AgeInDay	Type: integer. Key The days relative to date when the table is last updated.
ActivityDate	Type: datetime The date the activity occurred.

Database Column	Details
MissingInventoryCount	Type: big integer Number of discovered devices on this date that are missing inventory.

Installation_Activity_FACT Table

Installation_Activity_FACT is a fact table storing application installations that have been discovered in the last 90 days. Row count : 90 (days) * combination of ActionStatusID and ClassificationID rows.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 650: Database columns for Installation_Activity_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
AgeInDay	Type: integer. Key The days relative to date when the table is last updated.
ActionStatusID	Type: integer. Key Action status ID of the application.
ClassificationID	Type: integer. Key Classification ID of the application.
ActivityDate	Type: datetime The date the activity occurred.
InstallCount	Type: big integer Number of installations on this date.

Inventory_DuplicateHostName_FACT Table

Inventory_DuplicateHostName_FACT is a fact table storing duplicate host name and its duplicate count.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 651: Database columns for Inventory_DuplicateHostName_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
HostName	Type: text (max 256 characters). Key Host name.
DuplicateCount	Type: integer Duplicate count.

Inventory_DuplicateSerialNumber_FACT Table

Inventory_DuplicateSerialNumber_FACT is a fact table storing duplicate serial number and its duplicate count.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 652: Database columns for Inventory_DuplicateSerialNumber_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
SerialNo	Type: text (max 100 characters). Key Serial number.
DuplicateCount	Type: integer Duplicate count.

Inventory_VirtualizationType_FACT Table

Inventory_VirtualizationType_FACT is a fact table storing the number of virtual machines and Oracle Database servers by type.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 653: Database columns for Inventory_VirtualizationType_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
VMTypeID	Type: integer. Key Foreign key to the VM type ID.
VMCount	Type: integer Number of virtual machines by type.
OracleDBCount	Type: integer Number of Oracle database servers by type.

LicenseComplianceStatus_CODE Table

LicenseComplianceStatus_CODE is an enumerated code table for compliance status for a license.

Table 654: Database columns for LicenseComplianceStatus_CODE table

Database Column	Details
ComplianceStatusID	Type: integer. Key A unique identifier for license compliance status. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Compliant • 2 = In Breach • 3 = Unknown • 4 = Not Tracked.
ComplianceStatus_en	Type: text (max 1000 characters) Compliance status of the license in English.
ComplianceStatus_de	Type: text (max 1000 characters) Compliance status of the license in German.
ComplianceStatus_fr	Type: text (max 1000 characters) Compliance status of the license in French.
ComplianceStatus_ja	Type: text (max 1000 characters) Compliance status of the license in Japanese.

Database Column	Details
ComplianceStatus_es	Type: text (max 1000 characters). Nullable Compliance status of the license in Spanish.

LicenseStatus_CODE Table

LicenseStatus_CODE is an enumerated code table for license status for a license.

Table 655: Database columns for LicenseStatus_CODE table

Database Column	Details
LicenseStatusID	Type: integer. Key A unique identifier for license status. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Active • 2 = Retired • 3 = In Stock • 4 = Purchased • 5 = Received
LicenseStatus_en	Type: text (max 1000 characters) License status of the license in English.
LicenseStatus_de	Type: text (max 1000 characters) License status of the license in German.
LicenseStatus_fr	Type: text (max 1000 characters) License status of the license in French.
LicenseStatus_ja	Type: text (max 1000 characters) License status of the license in Japanese.
LicenseStatus_es	Type: text (max 1000 characters). Nullable License status of the license in Spanish.

LicenseType_CODE Table

LicenseType_CODE is an enumerated code table for software license types.

Table 656: Database columns for LicenseType_CODE table

Database Column	Details
LicenseTypeID	<p>Type: integer. Key</p> <p>A unique identifier for license type. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = Enterprise • 2 = Device • 3 = Node-Locked • 4 = User • 5 = Concurrent User • 6 = Appliance • 7 = Client Server • 8 = OEM • 9 = Evaluation • 10 = Run-Time • 11 = Device (Processor-Limited) • 12 = Site • 13 = Named User • 14 = Device (Core-Limited) • 15 = Core Points • 16 = Oracle Processor • 17 = Oracle Named User Plus • 18 = Processor Points • 19 = Oracle Legacy • 20 = Enterprise Agreement • 21 = SAP Named User • 22 = Microsoft Server Processor • 23 = CAL Legacy • 24 = Tiered Device • 25 = IBM Processor Value Unit • 26 = IBM Authorized User

Database Column	Details
	<ul style="list-style-type: none"> • 27 = IBM Concurrent User • 28 = IBM Floating User • 29 = Custom Metric • 30 = Processor • 31 = IBM Resource Value Unit • 32 = IBM User Value Unit • 33 = Microsoft Server Core • 34 = Oracle User • 35 = SAP Package • 36 = Microsoft SCCM Client Device • 37 = Microsoft SCCM Client User • 38 = Microsoft Developer Network • 39 = Microsoft Device CAL • 40 = Microsoft User CAL
LicenseType_en	Type: text (max 1000 characters) License type of the license in English.
LicenseType_de	Type: text (max 1000 characters) License type of the license in German.
LicenseType_fr	Type: text (max 1000 characters) License type of the license in French.
LicenseType_ja	Type: text (max 1000 characters) License type of the license in Japanese.
LicenseType_es	Type: text (max 1000 characters). Nullable License type of the license in Spanish.

License_DIM Table

License_DIM is a dimension table storing software licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 657: Database columns for License_DIM table

Database Column	Details
SoftwareLicenseID	Type: integer. Key Primary key of the license.
LicenseName	Type: text (max 256 characters). Key Name of the license.
ProductName	Type: text (max 256 characters). Key Product name of the primary application.
PublisherName	Type: text (max 256 characters). Key Publisher of the primary application.
EditionName	Type: text (max 60 characters) Edition of the license.
VersionName	Type: text (max 60 characters) Version of the license.
LicenseTypeID	Type: integer. Key License type ID of the license.
ClassificationID	Type: integer. Key Classification ID of the primary application.
ActionStatusID	Type: integer. Key Action status ID of the primary application.
IsBundle	Type: boolean Whether this license is a bundle license (contain multiple primary applications).

License_Position_FACT Table

License_Position_FACT is a fact table storing license positions by operator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 658: Database columns for License_Position_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
SoftwareLicenseID	Type: integer. Key Foreign key to the license.
Entitlements	Type: big integer Total number of entitlements.
Consumption	Type: big integer Number of entitlements consumed.
Installs	Type: big integer Number of installations.
ComplianceStatusID	Type: integer Compliance status ID of the license.
RiskCount	Type: big integer Number of entitlements at risk (aka in breach).
OriginalCurrencyID	Type: integer Currency ID of the OriginalCurrencyRiskAmount.
OriginalCurrencyUnitPrice	Type: decimal Unit price in original currency.
OriginalCurrencyRisk Amount	Type: decimal Value at risk in original currency.
SystemCurrencyID	Type: integer Currency ID of the SystemCurrencyRiskAmount.
SystemCurrencyUnitPrice	Type: decimal Unit price in system currency.
SystemCurrencyRiskAmount	Type: decimal Value at risk in system currency.
RiskPercent	Type: decimal Percentage at risk.
UtilizationPercent	Type: decimal. Nullable Percentage utilization.

Database Column	Details
LicenseStatusID	<i>Type:</i> integer. Nullable License status ID of the license.

PurchaseStatus_CODE Table

PurchaseStatus_CODE is a dimension table storing purchase status information.

Table 659: Database columns for PurchaseStatus_CODE table

Database Column	Details
PurchaseStatusID	<i>Type:</i> integer. Key A unique identifier for Purchase status. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = New • 2 = Pending • 3 = Completed • 4 = Cancelled
PurchaseStatus_en	<i>Type:</i> text (max 1000 characters) Purchase status of the license in English.
PurchaseStatus_de	<i>Type:</i> text (max 1000 characters) Purchase status of the license in German.
PurchaseStatus_fr	<i>Type:</i> text (max 1000 characters) Purchase status of the license in French.
PurchaseStatus_ja	<i>Type:</i> text (max 1000 characters) Purchase status of the license in Japanese.
PurchaseStatus_es	<i>Type:</i> text (max 1000 characters) Purchase status of the license in Spanish.

PurchaseType_CODE Table

PurchaseType_CODE is a dimension table storing purchase type information.

Table 660: Database columns for PurchaseType_CODE table

Database Column	Details
PurchaseTypeID	<p><i>Type:</i> integer. Key</p> <p>A unique identifier for purchase order detail type. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = NotSet • 2 = Software • 3 = Hardware • 4 = Service • 5 = Other • 6 = Software Upgrade • 7 = Software Maintenance • 8 = DiskKit • 9 = Hardware Maintenance • 10 = Software Baseline • 11 = Software Subscription
PurchaseType_en	<p><i>Type:</i> text (max 1000 characters)</p> <p>Purchase Type of the purchase in English.</p>
PurchaseType_de	<p><i>Type:</i> text (max 1000 characters)</p> <p>Purchase Type of the purchase in German.</p>
PurchaseType_fr	<p><i>Type:</i> text (max 1000 characters)</p> <p>Purchase Type of the purchase in French.</p>
PurchaseType_ja	<p><i>Type:</i> text (max 1000 characters)</p> <p>Purchase Type of the purchase in Japanese.</p>
PurchaseType_es	<p><i>Type:</i> text (max 1000 characters)</p> <p>Purchase Type of the purchase in Spanish.</p>

Purchase_DIM Table

Purchase_DIM is a dimension table storing all purchase information.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 661: Database columns for Purchase_DIM table

Database Column	Details
PurchaseOrderDetailID	Type: integer. Key Foreign key of the purchaseorder.
PurchaseNo	Type: text (max 50 characters). Nullable Purchase No of the purchase.
PurchaseDescription	Type: text (max 250 characters) Purchase Description of the purchase.
EffectiveQuantity	Type: integer. Nullable Effective Quantity of the purchase.
PurchaseDate	Type: datetime Purchase date of the purchase.
CreationDate	Type: datetime Creation date of the purchase.
PublisherName	Type: text (max 64 characters). Nullable Publisher name of the purchase.
VendorName	Type: text (max 64 characters). Nullable Vendor name of the purchase.

Purchase_Latest_FACT Table

Purchase_Latest_FACT is a fact table storing latest purchase information per ComplianceOperator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 662: Database columns for Purchase_Latest_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
PurchaseOrderDetailID	Type: integer. Key Foreign key of the purchaseorder.

Database Column	Details
PurchaseTypeID	Type: integer Purchase type ID of the purchase.
PurchaseStatusID	Type: integer Purchase status ID of the purchase.
CurrencyID	Type: integer Currency ID (total price id) of the purchase.
TotalPrice	Type: currency. Nullable Total price of the purchase.

Purchase_Spend_FACT Table

Purchase_Spend_FACT is a fact table storing all purchase information per ComplianceOperator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 663: Database columns for Purchase_Spend_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
PurchaseOrderDetailID	Type: integer. Key Foreign key of the purchaseorder.
PurchaseTypeID	Type: integer Purchase type ID of the purchase.
CurrencyID	Type: integer Currency ID (total price id) of the purchase.
TotalPrice	Type: currency. Nullable Total price of the purchase.

Purchase_Unprocessed_FACT Table

Purchase_Unprocessed_FACT is a fact table storing unprocessed purchase information per ComplianceOperator.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 664: Database columns for Purchase_Unprocessed_FACT table

Database Column	Details
ComplianceOperatorID	Type: integer. Key Foreign key to the operator.
PurchaseOrderDetailID	Type: integer. Key Foreign key of the purchaseorder.
AvailableEntitlements	Type: integer Available Entitlements of the purchase.

ResourceString_CODE Table

ResourceString_CODE is a lookup table for localized text.

Table 665: Database columns for ResourceString_CODE table

Database Column	Details
ResourceKey	Type: text (max 256 characters). Key Primary key of the resource string.
ResourceString_en	Type: text (max 1000 characters) Resource string in English.
ResourceString_de	Type: text (max 1000 characters) Resource string in German.
ResourceString_fr	Type: text (max 1000 characters) Resource string in French.
ResourceString_ja	Type: text (max 1000 characters) Resource string in Japanese.
ResourceString_es	Type: text (max 1000 characters). Nullable Resource string in Spanish.

VMType_CODE Table

VMType_CODE is an enumerated code table for VM type.

Table 666: Database columns for VMType_CODE table

Database Column	Details
VMTypeID	<p><i>Type:</i> integer. Key</p> <p>A unique identifier for VM type. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> • 1 = VMware • 2 = Hyper-V • 3 = LPAR • 4 = WPAR • 5 = nPar • 6 = vPar • 7 = SRP • 8 = Zone • 9 = Unknown. • 10 = Oracle VM
VMType_en	<p><i>Type:</i> text (max 1000 characters)</p> <p>VM type in English.</p>
VMType_de	<p><i>Type:</i> text (max 1000 characters)</p> <p>VM type in German.</p>
VMType_fr	<p><i>Type:</i> text (max 1000 characters)</p> <p>VM type in French.</p>
VMType_ja	<p><i>Type:</i> text (max 1000 characters)</p> <p>VM type in Japanese.</p>
VMType_es	<p><i>Type:</i> text (max 1000 characters). Nullable</p> <p>VM type in Spanish.</p>

4

DataWarehouse Database Schema

This chapter describes a schema for the dimensional data model available for reporting using the Flexera Analytics (powered by Cognos).

There are three separate data models related to IBM Cognos within FlexNet Manager Suite:

- A model for use when customizing dashboards for FlexNet Manager Suite (see [Dashboard Tables](#))
- An operational model for reporting on live data (this model is not separately documented)
- The dimensional data model for reporting on data that changes over time, which is the subject of this chapter.

DataWarehouse Tables Tables

The complete set of database tables documented here includes:

- AssignmentData table (see [AssignmentData Table](#))
- CategoryData table (see [CategoryData Table](#))
- ConsumptionData table (see [ConsumptionData Table](#))
- CorporateUnitData table (see [CorporateUnitData Table](#))
- CostCenterData table (see [CostCenterData Table](#))
- DataWarehouseSetting table (see [DataWarehouseSetting Table](#))
- InstallationData table (see [InstallationData Table](#))
- LocationData table (see [LocationData Table](#))
- PurchaseData table (see [PurchaseData Table](#))
- PurchaseDateData table (see [PurchaseDateData Table](#))
- SnapshotData table (see [SnapshotData Table](#))
- SoftwareLicenseData table (see [SoftwareLicenseData Table](#))

- SoftwareTitleData table (see [SoftwareTitleData Table](#))
- VendorData table (see [VendorData Table](#))
- VendorPurchaseData table (see [VendorPurchaseData Table](#))

AssignmentData Table

Stores all assignment information required by the external Consumption Fact.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 667: Database columns for AssignmentData table

Database Column	Details
AssignmentDataID	Type: integer. Generated ID A unique identifier for this assignment.
SnapshotID	Type: integer. Key The snapshot to which this assignment data pertains. Reference to the snapshot dimension.
SoftwareLicenseID	Type: integer. Key The license to which this assignment data pertains. Reference to the software license dimension.
LocationID	Type: integer. Key The location where the assignments were made.
CorporateUnitID	Type: integer. Key The corporate unit where the assignments were made.
CostCenterID	Type: integer. Key The cost center where the assignments were made.
CategoryID	Type: integer. Key The category which classifies this license assignment.
AssignedCount	Type: integer The number of licenses that have been assigned or the number of licenses that have been consumed as a result of group assignment.

CategoryData Table

This table stores each of the categories known to FNMP. This maps directly to the External Category Dimension.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 668: Database columns for CategoryData table

Database Column	Details
CategoryID	Type: integer. Key Unique identifier for this category from the FNMP database.
GroupExID	Type: text (max 128 characters) Internal identifier for this category.
Level1	Type: integer Parsed GroupExID, first level
Level1Name	Type: text (max 500 characters) Parsed Path, first level
Level2	Type: integer. Nullable Parsed GroupExID, second level
Level2Name	Type: text (max 500 characters). Nullable Parsed Path, second level
Level3	Type: integer. Nullable Parsed GroupExID, third level
Level3Name	Type: text (max 500 characters). Nullable Parsed Path, third level
Level4	Type: integer. Nullable Parsed GroupExID, fourth level
Level4Name	Type: text (max 500 characters). Nullable Parsed Path, fourth level
Level5	Type: integer. Nullable Parsed GroupExID, fifth level
Level5Name	Type: text (max 500 characters). Nullable Parsed Path, fifth level

Database Column	Details
Level16	Type: integer. Nullable Parsed GroupExID, sixth level
Level16Name	Type: text (max 500 characters). Nullable Parsed Path, sixth level
Level17	Type: integer. Nullable Parsed GroupExID, seventh level
Level17Name	Type: text (max 500 characters). Nullable Parsed Path, seventh level
Level18	Type: integer. Nullable Parsed GroupExID, eighth level
Level18Name	Type: text (max 500 characters). Nullable Parsed Path, eighth level
Level19	Type: integer. Nullable Parsed GroupExID, ninth level
Level19Name	Type: text (max 500 characters). Nullable Parsed Path, ninth level
Level110	Type: integer. Nullable Parsed GroupExID, tenth level
Level110Name	Type: text (max 500 characters). Nullable Parsed Path, tenth level
CategoryPath	Type: text (max 500 characters) The full path to this category.
CategoryName	Type: text (max 256 characters) The full name of this category.

ConsumptionData Table

Stores all consumption information required by the external Consumption Fact.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 669: Database columns for ConsumptionData table

Database Column	Details
ConsumptionDataID	<i>Type:</i> integer. Generated ID A unique identifier for this consumption data.
SnapshotID	<i>Type:</i> integer. Key The snapshot to which this consumption data pertains. Reference to the snapshot dimension.
SoftwareLicenseID	<i>Type:</i> integer. Key The license to which this consumption data pertains. Reference to the software license dimension.
LocationID	<i>Type:</i> integer. Key The location which has consumed this license.
CorporateUnitID	<i>Type:</i> integer. Key The corporate unit which has consumed this license.
CostCenterID	<i>Type:</i> integer. Key The cost center which has consumed this license.
CategoryID	<i>Type:</i> integer. Key The category which classifies this license consumption.
InstalledCount	<i>Type:</i> integer. Nullable Number of installed software records, linked to the license. It is not a number of application installations.
ConsumedCount	<i>Type:</i> integer The number of licenses consumed.
UsedCount	<i>Type:</i> integer The number of license consumptions that were used.
SecondUseCount	<i>Type:</i> integer The number of installations which are not consuming a license as a result of second use rights.
DowngradeCount	<i>Type:</i> integer The number of licenses consumed which are a result of downgrade rights.
VirtualEnvironmentCount	<i>Type:</i> integer The number of installations which are not consuming a license as a result of virtual machine product use rights.

Database Column	Details
VMNonConsumedCount	Type: integer. Nullable Count that is not consumed because of VM second use rights.
ExemptCount	Type: integer The number of installations which are exempt from consuming a license.
LicensedCores	Type: integer. Nullable The number of processor cores that are covered by a license.

CorporateUnitData Table

This table will store each of the corporate units known to FNMP. This will map directly to the External Corporate Unit Dimension.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 670: Database columns for CorporateUnitData table

Database Column	Details
CorporateUnitID	Type: integer. Key Unique identifier for this corporate unit from the FNMP database.
GroupExID	Type: text (max 128 characters) Internal identifier for this corporate unit.
Level1	Type: integer Parsed GroupExID, first level
Level1Name	Type: text (max 500 characters) Parsed Path, first level
Level2	Type: integer. Nullable Parsed GroupExID, second level
Level2Name	Type: text (max 500 characters). Nullable Parsed Path, second level
Level3	Type: integer. Nullable Parsed GroupExID, third level
Level3Name	Type: text (max 500 characters). Nullable Parsed Path, third level

Database Column	Details
Level14	Type: integer. Nullable Parsed GroupExID, fourth level
Level14Name	Type: text (max 500 characters). Nullable Parsed Path, fourth level
Level15	Type: integer. Nullable Parsed GroupExID, fifth level
Level15Name	Type: text (max 500 characters). Nullable Parsed Path, fifth level
Level16	Type: integer. Nullable Parsed GroupExID, sixth level
Level16Name	Type: text (max 500 characters). Nullable Parsed Path, sixth level
Level17	Type: integer. Nullable Parsed GroupExID, seventh level
Level17Name	Type: text (max 500 characters). Nullable Parsed Path, seventh level
Level18	Type: integer. Nullable Parsed GroupExID, eighth level
Level18Name	Type: text (max 500 characters). Nullable Parsed Path, eighth level
Level19	Type: integer. Nullable Parsed GroupExID, ninth level
Level19Name	Type: text (max 500 characters). Nullable Parsed Path, ninth level
Level110	Type: integer. Nullable Parsed GroupExID, tenth level
Level110Name	Type: text (max 500 characters). Nullable Parsed Path, tenth level
CorporateUnitPath	Type: text (max 500 characters) The full path to this corporate unit.
CorporateUnitName	Type: text (max 256 characters) The name of this corporate unit.

CostCenterData Table

This table stores each of the cost centers known to FNMP. This will map directly to the External Cost Center Dimension.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 671: Database columns for CostCenterData table

Database Column	Details
CostCenterID	Type: integer. Key Unique identifier fro this cost center from the FNMP database.
GroupExID	Type: text (max 128 characters) Internal identifier for this cost center.
Level1	Type: integer Parsed GroupExID, first level
Level1Name	Type: text (max 500 characters) Parsed Path, first level
Level2	Type: integer. Nullable Parsed GroupExID, second level
Level2Name	Type: text (max 500 characters). Nullable Parsed Path, second level
Level3	Type: integer. Nullable Parsed GroupExID, third level
Level3Name	Type: text (max 500 characters). Nullable Parsed Path, third level
Level4	Type: integer. Nullable Parsed GroupExID, fourth level
Level4Name	Type: text (max 500 characters). Nullable Parsed Path, fourth level
Level5	Type: integer. Nullable Parsed GroupExID, fifth level
Level5Name	Type: text (max 500 characters). Nullable Parsed Path, fifth level

Database Column	Details
Level16	Type: integer. Nullable Parsed GroupExID, sixth level
Level16Name	Type: text (max 500 characters). Nullable Parsed Path, sixth level
Level17	Type: integer. Nullable Parsed GroupExID, seventh level
Level17Name	Type: text (max 500 characters). Nullable Parsed Path, seventh level
Level18	Type: integer. Nullable Parsed GroupExID, eighth level
Level18Name	Type: text (max 500 characters). Nullable Parsed Path, eighth level
Level19	Type: integer. Nullable Parsed GroupExID, ninth level
Level19Name	Type: text (max 500 characters). Nullable Parsed Path, ninth level
Level110	Type: integer. Nullable Parsed GroupExID, tenth level
Level110Name	Type: text (max 500 characters). Nullable Parsed Path, tenth level
CostCenterPath	Type: text (max 500 characters) The full path to this cost center.
CostCenterName	Type: text (max 256 characters) The name of this cost center.

DataWarehouseSetting Table

Stores settings for data warehouse: currency, currency symbol



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 672: Database columns for DataWarehouseSetting table

Database Column	Details
DataWarehouseSettingID	Type: integer. Key. Generated ID A unique identifier for this assignment.
ComplianceOperatorID	Type: integer. Key. Nullable For future use
CurrencyName	Type: text (max 128 characters) Currency name
CurrencySymbol	Type: text (max 128 characters) Currency symbol

InstallationData Table

Stores all of the installation information. Installation records are scoped as per the scoping rules in FNMP.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 673: Database columns for InstallationData table

Database Column	Details
InstallationDataID	Type: integer. Key. Generated ID A unique identifier for this installation data.
SnapshotID	Type: integer. Key The snapshot to which this installation data pertains. Reference to the snapshot dimension.
SoftwareTitleID	Type: integer. Key The software title that is installed. Reference to the software title dimension.
LocationID	Type: integer. Key The location where these installs occurred.
CorporateUnitID	Type: integer. Key The corporate unit where these installs occurred.
CostCenterID	Type: integer. Key The cost center where these installs occurred.

Database Column	Details
CategoryID	Type: integer. Key The category that classifies these installs.
InstalledCount	Type: integer. Key The number of installs.
LicensableInstalledCount	Type: integer The number of licensable installs.
LicensedCount	Type: integer The number of installs which are covered by a license.
UsedCount	Type: integer. Key The number of installations which have usage exceeding the defined levels for the installation to be deemed used.
VirtualEnvironmentCount	Type: integer The number of installs which are on virtual machines.

LocationData Table

This table will store each of the locations known to FNMP. This will map directly to the External Location Dimension.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 674: Database columns for LocationData table

Database Column	Details
LocationID	Type: integer. Key Unique identifier for this location from the FNMP database.
GroupExID	Type: text (max 128 characters) Internal identifier for this location.
Level1	Type: integer Parsed GroupExID, first level
Level1Name	Type: text (max 500 characters) Parsed Path, first level
Level2	Type: integer. Nullable Parsed GroupExID, second level

Database Column	Details
Level12Name	Type: text (max 500 characters). Nullable Parsed Path, second level
Level13	Type: integer. Nullable Parsed GroupExID, third level
Level13Name	Type: text (max 500 characters). Nullable Parsed Path, third level
Level14	Type: integer. Nullable Parsed GroupExID, fourth level
Level14Name	Type: text (max 500 characters). Nullable Parsed Path, fourth level
Level15	Type: integer. Nullable Parsed GroupExID, fifth level
Level15Name	Type: text (max 500 characters). Nullable Parsed Path, fifth level
Level16	Type: integer. Nullable Parsed GroupExID, sixth level
Level16Name	Type: text (max 500 characters). Nullable Parsed Path, sixth level
Level17	Type: integer. Nullable Parsed GroupExID, seventh level
Level17Name	Type: text (max 500 characters). Nullable Parsed Path, seventh level
Level18	Type: integer. Nullable Parsed GroupExID, eighth level
Level18Name	Type: text (max 500 characters). Nullable Parsed Path, eighth level
Level19	Type: integer. Nullable Parsed GroupExID, ninth level
Level19Name	Type: text (max 500 characters). Nullable Parsed Path, ninth level
Level110	Type: integer. Nullable Parsed GroupExID, tenth level

Database Column	Details
Level10Name	Type: text (max 500 characters). Nullable Parsed Path, tenth level
LocationPath	Type: text (max 500 characters) The full path of this location.
LocationName	Type: text (max 256 characters) The name of this location.

PurchaseData Table

The Purchases table will store all purchase information that is required for the External Consumption Fact.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 675: Database columns for PurchaseData table

Database Column	Details
PurchasesDataID	Type: integer. Generated ID A unique identifier for this purchase information.
SnapshotID	Type: integer. Key The snapshot to which this purchase data pertains. Reference to the snapshot dimension.
SoftwareLicenseID	Type: integer. Key The license to which these purchases pertain. Reference to software license dimension.
LocationID	Type: integer. Key The location which has made these purchases.
CorporateUnitID	Type: integer. Key The corporate unit which has made these purchases.
CostCenterID	Type: integer. Key The cost center which has made these purchases.
CategoryID	Type: integer. Key The category which classifies this license purchases.

Database Column	Details
PurchasedCount	Type: integer. Nullable The number of license entitlements purchased.
PurchasedCost	Type: currency. Nullable The purchase cost for these license entitlements.
LastPurchaseDate	Type: datetime. Nullable The last date on which a purchase of entitlements for this license was made.

PurchaseDateData Table

This table stores purchase dates known to FNMP. This maps directly to the External Purchase Date Dimension. This is not a slowly changing dimension, but a snapshot of current and deleted purchase order dates.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 676: Database columns for PurchaseDateData table

Database Column	Details
PurchaseDateID	Type: integer. Key. Generated ID Unique identifier for this purchase date.
Month	Type: integer. Key The month for this purchase date.
Year	Type: integer. Key The year for this purchase date.

SnapshotData Table

Stores information to uniquely identify each individual snapshot. Whilst the scheduled snapshot generation will only happen on a daily or weekly basis, there is no restriction that multiple snapshots on the same day could not be generated.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 677: Database columns for SnapshotData table

Database Column	Details
SnapshotID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a snapshot.
SnapshotYear	<i>Type:</i> integer. Key The year in which the snapshot was created.
SnapshotMonth	<i>Type:</i> integer. Key The month in which the snapshot was created.
SnapshotDay	<i>Type:</i> integer. Key The day on which the snapshot was created.
SnapshotDate	<i>Type:</i> datetime The date and time the snapshot was created or last updated.
SnapshotDescription	<i>Type:</i> text (max 500 characters) A description of this snapshot.

SoftwareLicenseData Table

This table stores each of the Software Licenses known to FNMP. This maps directly to the External Software License Dimension. This is not a slowly changing dimension, but a snapshot of current and deleted license information. If license properties change from one snapshot to the next, the information in this table will be updated.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 678: Database columns for SoftwareLicenseData table

Database Column	Details
SoftwareLicenseID	<i>Type:</i> integer. Key Unique identifier for this license from the FNMP database.
ProductName	<i>Type:</i> text (max 1024 characters) Product name of the primary application of this license.
PublisherName	<i>Type:</i> text (max 64 characters). Nullable The name of the publisher
LicenseName	<i>Type:</i> text (max 256 characters) The name of this license.

Database Column	Details
LicenseVersion	Type: text (max 60 characters). Nullable The version of this license.
LicenseEdition	Type: text (max 60 characters). Nullable The edition of this license.
LicenseTypeID	Type: integer ID of the type of this license.
LicenseType	Type: text (max 256 characters) The type of this license.
GrantsSecondUse	Type: boolean Whether this license offers second use rights.
GrantsDowngrade	Type: boolean Whether this license offers downgrade rights.
IsTrueUp	Type: boolean Whether this license provides True Up functionality.
UnlimitedConsumption	Type: boolean Whether this license provides unlimited consumption.
EstimatedUnitPrice	Type: currency. Nullable Estimated Unit price for the license
GrantsVirtualEnvironment	Type: boolean Whether installs of this license on a virtual machine host covers installations on virtual machines hosted by that host.
UseInSecondUseRights	Type: boolean A Boolean field that states whether product use rights apply to this license type.
NumberPurchased	Type: integer The quantity of purchased license entitlements.
LocationID	Type: integer. Key The location which owns this license.
CorporateUnitID	Type: integer. Key The corporate unit which owns this license.
CostCenterID	Type: integer. Key The cost center which owns this license.

Database Column	Details
CategoryID	<i>Type:</i> integer. Key The category of this license.
LicenseStatusID	<i>Type:</i> integer ID of the status of this license
LicenseStatus	<i>Type:</i> text (max 256 characters) License Status of the license
ComplianceStatusID	<i>Type:</i> integer ID of the compliance status of this license
ComplianceStatus	<i>Type:</i> text (max 256 characters) Compliance Status of the license
DurationID	<i>Type:</i> integer ID of duration of this license
Duration	<i>Type:</i> text (max 256 characters) The name of the resource string containing the text to display on the user interface.
ExpiryDate	<i>Type:</i> datetime. Nullable The date this license expires. A NULL value means the license does not expire.

SoftwareTitleData Table

This table stores each of the software titles known to FNMP. This maps directly to the External Software Title Dimension. This is not a slowly changing dimension, but a snapshot of current and deleted software titles. If title properties change from one snapshot to the next, the information in this table will be updated.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 679: Database columns for SoftwareTitleData table

Database Column	Details
SoftwareTitleID	<i>Type:</i> integer. Key Unique identifier for this software title from the FNMP database.
SoftwareTitleName	<i>Type:</i> text (max 512 characters) The name of this software title.

Database Column	Details
PublisherName	Type: text (max 200 characters) The publisher of this software title.
ProductName	Type: text (max 1024 characters) The product represented by this software title.
VersionName	Type: text (max 50 characters) The version of this software title.
VersionWeight	Type: decimal. Nullable A numeric value used to sort various versions of a software title.
EditionName	Type: text (max 50 characters) The edition of this software title.
EditionWeight	Type: decimal. Nullable A numeric value used to sort various editions of a software title.
Classification	Type: text (max 50 characters) The classification of this software title.
ClassificationID	Type: integer. Nullable The ID of the classification of this software title.
Action	Type: text (max 50 characters) The action of this software title.
ActionID	Type: integer The ID of the action of this software title.
IsLicensed	Type: boolean 1 if the SoftwareTitle is linked to any license
OperatorManageStateID	Type: integer The management responsibility for this software title. Part of the unique key for a software title in the FNMP database.

VendorData Table

This table stores each of the vendors known to FNMP. This maps directly to the External Vendor Dimension. This is not a slowly changing dimension, but a snapshot of current and deleted vendors. If vendor properties change from one snapshot to the next, the information in this table will be updated.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 680: Database columns for VendorData table

Database Column	Details
VendorID	Type: integer. Key Unique identifier for this vendor from the FNMP database.
VendorName	Type: text (max 64 characters) The name of this vendor.

VendorPurchaseData Table

Stores all of the vendor purchase information. Purchase records are scoped as per the scoping rules in FNMP.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 681: Database columns for VendorPurchaseData table

Database Column	Details
VendorPurchaseID	Type: integer. Generated ID Unique identifier for this vendor purchase.
VendorID	Type: integer. Key The vendor to which this purchase data pertains. Reference to the vendor dimension.
PurchaseDateID	Type: integer. Key The date to which this vendor purchase data pertains. Reference to the purchase date dimension.
LocationID	Type: integer. Key The location where these purchases occurred.
CorporateUnitID	Type: integer. Key The corporate unit where these purchases occurred.
CostCenterID	Type: integer. Key The cost center where these purchases occurred.
CategoryID	Type: integer. Key The category that classifies these purchases.

Database Column	Details
HardwareCost	<i>Type:</i> currency The cost of hardware purchased from this vendor on this date.
HardwareMaintenanceCost	<i>Type:</i> currency The cost of hardware maintenance purchased from this vendor on this date.
SoftwareCost	<i>Type:</i> currency The cost of software purchased from this vendor on this date.
SoftwareMaintenanceCost	<i>Type:</i> currency The cost of software maintenance purchased from this vendor on this date.
OtherCost	<i>Type:</i> currency The cost of other items purchased from this vendor on this date.

5

Compliance Reader Database Schema

This chapter describes the schema for the staging tables used by the importer (`ComplianceReader.exe`) in the process of importing data into the main FlexNet Manager Suite. Imports through these tables may come from many sources, including (but not limited to) the inventory data collected by the FlexNet inventory agent and rationalized in the inventory database (see [Inventory Database Schema](#)).

For each data source, data in these tables is over-written as each import.

Information Structure

The following information is provided about database tables. Items appear only when relevant to the database column, and are suppressed where they do not apply. Two of these items (shown bold) are columns in the following pages, and the remainder are displayed within the **Details**.

Item	Comment
Database Column	The name of the column in the SQL table.
<i>Type</i>	The data type of the contents of the database column.
Size	For types that have a maximum capacity, the upper limit is provided in parentheses.
Key	The word “Key” appears when a column is a unique key field within the table. It is possible for several database columns to be part of the key, so that this indicator may appear for several columns in a table.
Generated ID	This indicates that a numeric ID is assigned by the database.
Nullable	If this indicator is present, the database column permits nulls.
Computed	This indicator appears for columns that are automatically computed by the database.
Default	If a column has a default value declared in the schema, this is specified at the end of the first set of details for the column.

Item	Comment
Details	Describes the data stored in the database column, including many of the indicators described above.

Compliance.InventoryReader.Logic Tables

The complete set of database tables documented here includes:

- ExpiredImportedComputer table (see [ExpiredImportedComputer Table](#))
- ImportedARSLicense table (see [ImportedARSLicense Table](#))
- ImportedAccessingDevice table (see [ImportedAccessingDevice Table](#))
- ImportedAccessingUser table (see [ImportedAccessingUser Table](#))
- ImportedActiveDirectoryComputer table (see [ImportedActiveDirectoryComputer Table](#))
- ImportedActiveDirectoryDomain table (see [ImportedActiveDirectoryDomain Table](#))
- ImportedActiveDirectoryExternalMember table (see [ImportedActiveDirectoryExternalMember Table](#))
- ImportedActiveDirectoryGroup table (see [ImportedActiveDirectoryGroup Table](#))
- ImportedActiveDirectoryMember table (see [ImportedActiveDirectoryMember Table](#))
- ImportedActiveDirectoryUser table (see [ImportedActiveDirectoryUser Table](#))
- ImportedActiveSyncDevice table (see [ImportedActiveSyncDevice Table](#))
- ImportedAttributeMapping table (see [ImportedAttributeMapping Table](#))
- ImportedClientAccessEvidence table (see [ImportedClientAccessEvidence Table](#))
- ImportedClientAccessEvidenceMapping table (see [ImportedClientAccessEvidenceMapping Table](#))
- ImportedClientAccessedAccessEvidence table (see [ImportedClientAccessedAccessEvidence Table](#))
- ImportedClientAccessedAccessOccurrence table (see [ImportedClientAccessedAccessOccurrence Table](#))
- ImportedCluster table (see [ImportedCluster Table](#))
- ImportedClusterGroup table (see [ImportedClusterGroup Table](#))
- ImportedClusterGroupMember table (see [ImportedClusterGroupMember Table](#))
- ImportedClusterHostAffinityRule table (see [ImportedClusterHostAffinityRule Table](#))
- ImportedClusterNode table (see [ImportedClusterNode Table](#))
- ImportedComputer table (see [ImportedComputer Table](#))
- ImportedComputerCustomProperty table (see [ImportedComputerCustomProperty Table](#))
- ImportedComputerScriptResult table (see [ImportedComputerScriptResult Table](#))

- ImportedCustomPropertyName table (see [ImportedCustomPropertyName Table](#))
- ImportedDomain table (see [ImportedDomain Table](#))
- ImportedEvidenceAttribute table (see [ImportedEvidenceAttribute Table](#))
- ImportedFNMEAFeature table (see [ImportedFNMEAFeature Table](#))
- ImportedFNMEAProduct table (see [ImportedFNMEAProduct Table](#))
- ImportedFNMEAUsageStatus table (see [ImportedFNMEAUsageStatus Table](#))
- ImportedFileEvidence table (see [ImportedFileEvidence Table](#))
- ImportedFileEvidenceMapping table (see [ImportedFileEvidenceMapping Table](#))
- ImportedGuidMapping table (see [ImportedGuidMapping Table](#))
- ImportedILMTPVUCounts table (see [ImportedILMTPVUCounts Table](#))
- ImportedILMTPVUCreatedLicenses table (see [ImportedILMTPVUCreatedLicenses Table](#))
- ImportedILMTVMMapping table (see [ImportedILMTVMMapping Table](#))
- ImportedInstalledFileEvidence table (see [ImportedInstalledFileEvidence Table](#))
- ImportedInstalledFileEvidencePath table (see [ImportedInstalledFileEvidencePath Table](#))
- ImportedInstalledFileEvidenceUsage table (see [ImportedInstalledFileEvidenceUsage Table](#))
- ImportedInstalledInstallerEvidence table (see [ImportedInstalledInstallerEvidence Table](#))
- ImportedInstalledInstallerEvidenceAttribute table (see [ImportedInstalledInstallerEvidenceAttribute Table](#))
- ImportedInstalledInstallerEvidenceUsage table (see [ImportedInstalledInstallerEvidenceUsage Table](#))
- ImportedInstalledWMIEvidence table (see [ImportedInstalledWMIEvidence Table](#))
- ImportedInstallerEvidence table (see [ImportedInstallerEvidence Table](#))
- ImportedInstallerEvidenceMapping table (see [ImportedInstallerEvidenceMapping Table](#))
- ImportedInstallerEvidenceRepackageMapping table (see [ImportedInstallerEvidenceRepackageMapping Table](#))
- ImportedInstance table (see [ImportedInstance Table](#))
- ImportedInstanceUser table (see [ImportedInstanceUser Table](#))
- ImportedMissingComputer table (see [ImportedMissingComputer Table](#))
- ImportedMissingLicenseUser table (see [ImportedMissingLicenseUser Table](#))
- ImportedMissingUser table (see [ImportedMissingUser Table](#))
- ImportedPVUVirtualMachineLayer table (see [ImportedPVUVirtualMachineLayer Table](#))
- ImportedProductCodeEvidenceMapping table (see [ImportedProductCodeEvidenceMapping Table](#))
- ImportedRelatedInstalledInstallerEvidence table (see [ImportedRelatedInstalledInstallerEvidence Table](#))

- ImportedRemoteApplication table (see [ImportedRemoteApplication Table](#))
- ImportedRemoteApplicationAccess table (see [ImportedRemoteApplicationAccess Table](#))
- ImportedRemoteApplicationInstallerData table (see [ImportedRemoteApplicationInstallerData Table](#))
- ImportedRemoteApplicationServer table (see [ImportedRemoteApplicationServer Table](#))
- ImportedRemoteServerFileEvidenceMapping table (see [ImportedRemoteServerFileEvidenceMapping Table](#))
- ImportedRemoteUsage table (see [ImportedRemoteUsage Table](#))
- ImportedRemoteUserToApplicationAccess table (see [ImportedRemoteUserToApplicationAccess Table](#))
- ImportedSite table (see [ImportedSite Table](#))
- ImportedSiteSubnet table (see [ImportedSiteSubnet Table](#))
- ImportedSoftwareLicense table (see [ImportedSoftwareLicense Table](#))
- ImportedSoftwareLicenseAllocation table (see [ImportedSoftwareLicenseAllocation Table](#))
- ImportedSoftwareTitle table (see [ImportedSoftwareTitle Table](#))
- ImportedSoftwareTitleAccessEvidence table (see [ImportedSoftwareTitleAccessEvidence Table](#))
- ImportedSoftwareTitleLicense table (see [ImportedSoftwareTitleLicense Table](#))
- ImportedStringMapping table (see [ImportedStringMapping Table](#))
- ImportedStringMappingLatin1CS table (see [ImportedStringMappingLatin1CS Table](#))
- ImportedUser table (see [ImportedUser Table](#))
- ImportedVDI table (see [ImportedVDI Table](#))
- ImportedVDIEndPointAccess table (see [ImportedVDIEndPointAccess Table](#))
- ImportedVDITemplate table (see [ImportedVDITemplate Table](#))
- ImportedVDIUser table (see [ImportedVDIUser Table](#))
- ImportedVMHostDatastore table (see [ImportedVMHostDatastore Table](#))
- ImportedVMHostManagedBySoftware table (see [ImportedVMHostManagedBySoftware Table](#))
- ImportedVMHostProperty table (see [ImportedVMHostProperty Table](#))
- ImportedVMPool table (see [ImportedVMPool Table](#))
- ImportedVirtualMachine table (see [ImportedVirtualMachine Table](#))
- ImportedWMIEvidence table (see [ImportedWMIEvidence Table](#))
- ImportedWMIEvidenceRuleMapping table (see [ImportedWMIEvidenceRuleMapping Table](#))
- ImporterValueMapping table (see [ImporterValueMapping Table](#))
- InstalledApplications table (see [InstalledApplications Table](#))

- RelatedInstalledApplications table (see [RelatedInstalledApplications Table](#))

ExpiredImportedComputer Table

The ExpiredImportedComputer table holds all of the computers which have been retrieved from the source connections and are expired.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 682: Database columns for ExpiredImportedComputer table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer.
ComputerName	Type: text (max 256 characters). Nullable The name of the computer. In Windows, this is the NetBIOS name of the local computer, as returned by <code>GetComputerName()</code> . For UNIX, it is the host name of the machine, as returned by <code>gethostname(2)</code> .
Domain	Type: text (max 100 characters). Nullable The domain of the computer.
OperatingSystem	Type: text (max 128 characters). Nullable The operating system of the computer.
ServicePack	Type: text (max 128 characters). Nullable The service pack installed for the operating system.
NumberOfProcessors	Type: integer. Nullable The number of processors in the computer.
ProcessorType	Type: text (max 256 characters). Nullable The type of processor in the computer.
MaxClockSpeed	Type: integer. Nullable The maximum clock speed of the fastest processor in the computer.
NumberOfCores	Type: integer. Nullable The number of cores in the computer.

Database Column	Details
TotalMemory	<p><i>Type:</i> big integer. Nullable</p> <p>The total RAM in the computer, in bytes.</p>
ChassisType	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The type of case of the computer. The value must be a (case insensitive) exact match for one of the values shown. Note that some license types use this information to optimize the licensing position, particularly with desktop and laptop computers.</p>
NumberOfHardDrives	<p><i>Type:</i> integer. Nullable</p> <p>The number of hard drives in the computer.</p>
TotalDiskSpace	<p><i>Type:</i> big integer. Nullable</p> <p>The total size of all hard drives in the computer.</p>
NumberOfNetworkCards	<p><i>Type:</i> integer. Nullable</p> <p>The number of network cards in the computer.</p>
NumberOfDisplayAdapters	<p><i>Type:</i> integer. Nullable</p> <p>The number of graphics cards in the computer.</p>
IPAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The IP address of the computer.</p>
MACAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The MAC address of the computer.</p>

Database Column	Details
Manufacturer	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The manufacturer of the computer hardware. Some examples include:</p> <ul style="list-style-type: none"> • On Windows, the SMBios manufacturer (the WMI Manufacturer property of the 'Win32_ComputerSystem' class). • On Linux, 'Manufacturer' in the 'System Information' section resulting from the 'dmidecode' command. Sample command: 'dmidecode -s system-manufacturer' • On Solaris x86, as for Linux, with failovers first to 'sysinfo SI_HW_PROVIDER' and then to 'ModelNo'. • On Solaris SPARC, the 'sysinfo SI_HW_PROVIDER'. Typically this value is 'Sun_Microsystems' or, more recently, 'Oracle Corporation'. Failover to the 'ModelNo'. • On HP-UX, the string literal 'HP'. • On AIX, the 'modelname' system attribute preceding the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use 'IBM'. This value is typically 'IBM'.
ModelNo	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The model number of the computer.</p>

Database Column	Details
SerialNo	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The hardware serial number of the computer. The goal of this value is to be tied to the physical hardware, partition or virtual machine and to be as unique as possible across all computers in the organization. This is due to its use in tracking computers, particularly after an operating system rebuild. This value is also used to socialize computer inventory from different inventory sources, and is used to map virtual machine guest operating system inventory to the VM host on which the virtual machine is running. Example sources:</p> <ul style="list-style-type: none"> • On Windows, the SMBios serial number. The WMI 'SerialNumber' property of the 'Win32_BIOS' class. Can fail over to the 'SerialNumber' property of the 'Win32_SystemEnclosure' class which is typically the same value. • On Linux, the SMBios serial number read using the command 'dmidecode -s system-serial-number'. Specifically, the 'System Information' section and the 'Serial Number' in that section is used. • On Solaris 10 8/07 or later, for a non-global zone, the UUID value from the /etc/zones/index file. For a global zone, the same as Solaris 10 releases earlier than 8/07. • For Solaris 10 releases earlier than 8/07, the hexadecimal version of 'SI_HW_SERIAL' with an appended hyphen character followed by the Zone's name. For example, '838bfc7b-global' or '838bfc7b-myzone'. • For Solaris 8 and 9, The hexadecimal version of 'SI_HW_SERIAL'. • For Mac OS X, the serial number of the machine as printed on the packaging and found in "About this Mac" from the desktop. • For HP-UX, the 'confstr_CS_PARTITION_IDENT' partition identifier if it is an nPar or vPar, or '_CS_MACHINE_IDENT' if not; with a failover to the machine serial number, and a final failover to the 'uname' machine identification number. • For AIX, the 'id_to_partition' system attribute, starting from the third character (strips a '0X' from the start). For example, if the 'id_to_partition' system attribute is '0X0473409002F7B201' then use '0473409002F7B201'.
HostID	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>An identifier for the host of the computer (when the computer is a virtual machine).</p>
LastLoggedOnUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The DOMAIN/SAMAccountName of the user last logged onto the computer.</p>
InventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the computer last had inventory reported.</p>

Database Column	Details
HardwareInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date (and optionally time) when the hardware was last inventoried. For automated/scheduled data uploads through an inventory beacon, make sure that inventory dates are kept current, as they are used to report out-of-date inventory sources. For a one-time upload to the central application server, leave inventory dates empty (null). At each import from the saved file, the import date is used as the inventory date, which prevents the inventory becoming stale.</p>
ServicesInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date when services (for example, Oracle) were last scanned on this computer. For automated/scheduled data uploads through an inventory beacon, make sure that inventory dates are kept current, as they are used to report out-of-date inventory sources. For a one-time upload to the central application server, leave inventory dates empty (null). At each import from the saved file, the import date is used as the inventory date, which prevents the inventory becoming stale.</p>
InventoryAgent	<p><i>Type:</i> text (max 128 characters)</p> <p>The name of the person or tool that performed the last inventory.</p>
ComplianceComputerID	<p><i>Type:</i> integer. Nullable</p> <p>Identifier of the computer in the <code>ComplianceComputer</code> table that this imported computer links to. This is populated by the import process and does not need to be provided by the source connections.</p>
ComplianceDomainID	<p><i>Type:</i> integer. Nullable</p> <p>Identifier of the domain in the <code>ComplianceDomain</code> table that this computer belongs to. This is populated by the import process and does not need to be provided by the source connections.</p>
IncompleteRecord	<p><i>Type:</i> boolean. Nullable</p> <p>Used to identify records which do not have all information specified. Primarily used for ManageSoft source connections where the domain name was not reliably reported.</p>
NumberOfSockets	<p><i>Type:</i> integer. Nullable</p> <p>The number of sockets in the computer.</p>
PartialNumberOfProcessors	<p><i>Type:</i> decimal. Nullable</p> <p>The fractional processor count available to this computer.</p>
UntrustedSerialNo	<p><i>Type:</i> boolean</p> <p>Use when this computer is known to have a serial number from a data source that should not be trusted.</p>

Database Column	Details
FullDetailsFromExternalID	<p><i>Type:</i> big integer. Nullable</p> <p>If this computer is marked as incomplete, and some of its properties are updated from another computer, record the external ID if the full computer.</p>
FullDetailsFromComplianceConnectionID	<p><i>Type:</i> integer. Nullable</p> <p>If this computer is marked as incomplete, and some of its properties are updated from another computer, record the connection ID if the full computer.</p>
ComplianceComputerTypeID	<p><i>Type:</i> integer. Nullable</p> <p>If you know that the computer is a virtual machine or VM host, record that data here. If you are unsure, leave this cell empty (NULL): this allows the system to infer the computer type (for example, a computer with VMs linked to it is inferred to be a VM host). If data comes from multiple inventory sources, leaving this value as null also allows the value to be inserted from another source. So, unless there is a very good reason, do not just specify 'Computer', but allow the inference rules to help.</p>
ILMTAgentID	<p><i>Type:</i> big integer. Nullable</p> <p>Store the unique ID used by the ILMT agent on this device, if the inventory source is aware of this value.</p>
FNMPComputerUID	<p><i>Type:</i> unique identifier. Nullable</p> <p>The unique identifier generated for the computer from the IM database. This property should only be populated by the ManageSoft inventory adapter.</p>
HostIdentifyingNumber	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>Virtual hosts may have an identifier that is unique only across that hardware model. It is less unique than the true hardware serial number, for example.</p>
HostType	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The type of the physical host computer. This value is similar to the model number, but it is always for the physical server that an execution context may be running on. Therefore, this will generally be a known value for standalone machines and partitions, but it will not be known for virtual machines. This value is used for matching computers. Examples:</p> <ul style="list-style-type: none"> • 'i86pc' • 'Sun-Fire-T1000' • 'rx7620' • '785' (for a 9000/785/C3700) • '8202' (for an IBM,8202-E4B).
NumberOfLogicalProcessors	<p><i>Type:</i> integer. Nullable</p> <p>The number of logical processors in the computer.</p>

Database Column	Details
IsRemoteACLDevice	<p>Type: boolean</p> <p>Used to determine if the current record is a remote ACL based device.</p>
IsDuplicate	<p>Type: boolean</p> <p>Used to identify that imported computer is a duplicate of another, whereby a new computer will not created.</p>
LegacySerialNo	<p>Type: text (max 100 characters). Nullable</p> <p>A previous serial number of this computer that can also be used for matching.</p>
UUID	<p>Type: unique identifier. Nullable</p> <p>The BIOS UUID of the computer.</p>
IMEI	<p>Type: text (max 256 characters). Nullable</p> <p>IMEI (International Mobile Equipment Identity) is a 15- or 17-digit code that uniquely identifies mobile phone sets. Leave blank (null) for other device types.</p>
PhoneNumber	<p>Type: text (max 128 characters). Nullable</p> <p>The phone number of the device. Used for mobile devices.</p>
EmailAddress	<p>Type: text (max 256 characters). Nullable</p> <p>The email address associated with the device. Typically used for mobile devices.</p>
CalculatedUser	<p>Type: text (max 128 characters). Nullable</p> <p>The domain/SAMAccountName of the calculated user. Some inventory systems calculate the user who owns a computer. For example, it might be the user who, over the last ten logins, logged in most often.</p>
LastSuccessfulInventoryDate	<p>Type: datetime. Nullable</p> <p>For incremental imports, this represents the inventory date of the computer in the source at the time this record was last successfully imported. If the import procedure has failed, this may be different to the inventory date. At the end of a successful incremental import, this value is updated to match the inventory date. If no value is present in this field, either there has not been a successful import of this computer or the reader for this record is not using an incremental update model.</p>
MDScheduleGeneratedDate	<p>Type: datetime. Nullable</p> <p>The last time the managed device schedule was regenerated.</p>
MDScheduleContainsPVUScan	<p>Type: boolean. Nullable</p> <p>Does this managed device include an event in its current schedule for running extra IBM PVU hardware scans.</p>
FirmwareSerialNumber	<p>Type: text (max 100 characters). Nullable</p> <p>Serial number in the system firmware such as BIOS, EEPROM etc.</p>

Database Column	Details
MachineID	<i>Type:</i> text (max 100 characters). Nullable For AIX, it is the System ID. For HP-UX, it is the Machine/Software ID. It is unset for other platforms.
IgnoredDueToLicense	<i>Type:</i> boolean True if this machine is not imported into compliance computer table due to license limitation
CloudServiceProvider	<i>Type:</i> text (max 256 characters). Nullable The cloud service provider for the computer record.
CSPMetadataJsonBlob	<i>Type:</i> text (max 4000 characters). Nullable Contains the json blob for an Imported Computer record
AgentVersion	<i>Type:</i> text (max 32 characters). Nullable The version of the agent which generated the inventory package.

ImportedARSLicense Table

The ImportedARSLicense table stores Action Request System BMC licenses.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 683: Database columns for ImportedARSLicense table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.
ComputerID	<i>Type:</i> big integer. Key The identifier used in the source connection to represent the computer.
SoftwareLicenseID	<i>Type:</i> integer. Nullable The identifier for the license in the SoftwareLicense table.
ARSLicenseID	<i>Type:</i> integer The identifier for the imported ARS license.
ComplianceComputerID	<i>Type:</i> integer. Nullable The identifier for the compliance computer in the ComplianceComputer table.

Database Column	Details
LicenseType	Type: text (max 128 characters). Key The ARS license name.
ECMLicenseName	Type: text (max 256 characters) The name of the license in the FlexNet Manager Suite.
LicenseKey	Type: text (max 32 characters). Key. Nullable The imported license key.
LicenseSubType	Type: text (max 16 characters). Key The license subtype (FlexNet Manager Suite license version).
IssueDate	Type: datetime. Key The identifier for the issue date.
ExpiryDate	Type: datetime. Key. Nullable The identifier for the expiry date.
SiteName	Type: text (max 64 characters) The identifier for the site name.
HostID	Type: text (max 64 characters) An identifier for the ARS host in the source connection (not used in FlexNet Manager Suite).
LicenseNum	Type: integer The purchase count for the ARS license.
TokenList	Type: text (max 128 characters). Nullable The ARS token list (not used in FlexNet Manager Suite).
Comment	Type: text. Nullable Extra information about the ARS license.
Deleted	Type: integer Set this flag if an ARS license is to be deleted.

ImportedAccessingDevice Table

The ImportedAccessingDevice table holds a record client access device information.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 684: Database columns for ImportedAccessingDevice table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key The identifier for a data source connection in the ComplianceConnection table.
ExternalAccessingDeviceID	<i>Type:</i> big integer. Key The identifier used to identify the device in source connection
AccessingDeviceID	<i>Type:</i> integer. Key. Nullable Matching accessing device ID. Foreign key to the AccessingDevice table.
IPAddress	<i>Type:</i> text (max 256 characters). Key. Nullable IP Address of the client accessing device.
ComputerName	<i>Type:</i> text (max 256 characters). Key. Nullable Computer name of the client accessing device.
SerialNo	<i>Type:</i> text (max 100 characters). Nullable Serial no of the client accessing device.
Domain	<i>Type:</i> text (max 100 characters). Key. Nullable Domain name of the client accessing device.

ImportedAccessingUser Table

The ImportedAccessingUser table holds a record of the user access information.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 685: Database columns for ImportedAccessingUser table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key The identifier for a data source connection in the ComplianceConnection table.
ExternalAccessingUserID	<i>Type:</i> big integer. Key The accessing user id. This is part of the key.
AccessingUserID	<i>Type:</i> integer. Key. Nullable The matching AccessingUser ID. Foreign key to the AccessingUser table.

Database Column	Details
UserName	Type: text (max 256 characters). Key User name of the accessing user.
DomainName	Type: text (max 100 characters). Key. Nullable Domain name of the accessing user.
SAMAccountName	Type: text (max 64 characters). Nullable SAM account name of the accessing user.

ImportedActiveDirectoryComputer Table

The ImportedActiveDirectoryComputer table stores the incoming active directory data for computers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `Tenant.ID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 686: Database columns for ImportedActiveDirectoryComputer table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
GUID	Type: unique identifier. Key The GUID of the computer.
ComputerName	Type: text (max 64 characters) The name of the computer. In Windows, this is the NetBIOS name of the local computer, as returned by <code>GetComputerName()</code> . For UNIX, it is the host name of the machine, as returned by <code>gethostname(2)</code> .
DomainName	Type: text (max 100 characters) The domain name for the computer.
SID	Type: text (max 256 characters). Nullable The SID of the computer.

ImportedActiveDirectoryDomain Table

The ImportedActiveDirectoryDomain table stores the incoming active directory domains for a connection source.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 687: Database columns for ImportedActiveDirectoryDomain table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key The identifier of a data source connection in the ComplianceConnection table.
DomainFQDN	<i>Type:</i> text (max 100 characters). Key The fully qualified name domain name of the AD domain
FlatName	<i>Type:</i> text (max 32 characters) The AD domain flat name
LastADImportTime	<i>Type:</i> datetime The last time the AD data was imported

ImportedActiveDirectoryExternalMember Table

The ImportedActiveDirectoryExternalMember table stores the incoming active directory data for external AD member objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 688: Database columns for ImportedActiveDirectoryExternalMember table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key The identifier of a data source connection in the ComplianceConnection table.
ParentGroupGUID	<i>Type:</i> unique identifier. Key The parent AD group GUID.
SID	<i>Type:</i> text (max 256 characters). Key The SID of the member object.

ImportedActiveDirectoryGroup Table

The ImportedActiveDirectoryGroup table stores the incoming active directory data for a connection source.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 689: Database columns for ImportedActiveDirectoryGroup table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
GUID	Type: unique identifier. Key The GUID of the AD group.
SID	Type: text (max 256 characters). Nullable The SID of the AD group.
Name	Type: text (max 128 characters). Nullable The AD group name
DomainName	Type: text (max 100 characters) The domain name for the user.

ImportedActiveDirectoryMember Table

The ImportedActiveDirectoryMember table stores the incoming active directory data for AD member objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 690: Database columns for ImportedActiveDirectoryMember table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
GUID	Type: unique identifier. Key The GUID of the member object.
ParentGroupGUID	Type: unique identifier. Key The parent AD group GUID.

ImportedActiveDirectoryUser Table

The ImportedActiveDirectoryUser table stores the incoming active directory data for users.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 691: Database columns for ImportedActiveDirectoryUser table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
GUID	Type: unique identifier. Key The GUID of the user.
SAMAccountName	Type: text (max 20 characters) The user name.
DomainName	Type: text (max 100 characters) The domain name for the user.
Sid	Type: text (max 256 characters). Nullable The Sid for the user.

ImportedActiveSyncDevice Table

The ImportedActiveSyncDevice table stores details of ActiveSync partnerships. A partnership is a user/device pair, so there may be multiple rows for one device.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 692: Database columns for ImportedActiveSyncDevice table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: integer. Key. Generated ID The identifier used in the source connection for the computer.

Database Column	Details
ActiveSyncID	Type: text (max 512 characters). Key. Nullable The EASIdentity presented by the source, a combination of the AD user and the unique device ID.
Domain	Type: text (max 100 characters). Nullable The domain of the device. This may be a flat name or FQDN.
DeviceID	Type: text (max 100 characters). Nullable The unique device identifier.
DeviceOS	Type: text (max 100 characters). Nullable The device operating system.
DeviceModel	Type: text (max 100 characters). Nullable The device model.
DeviceType	Type: text (max 50 characters). Nullable The device type.
DeviceUserAgent	Type: text (max 100 characters). Nullable The device user agent; an ActiveSync client-specific value that may identify the device type.
UserDisplayName	Type: text (max 256 characters). Nullable The AD user display name.
IMEI	Type: text (max 256 characters). Nullable IMEI (International Mobile Equipment Identity) is a 15- or 17-digit code that uniquely identifies mobile phone sets. Leave blank (null) for other device types.
PhoneNumber	Type: text (max 128 characters). Nullable The phone number of the device. Used for mobile devices.
EmailAddress	Type: text (max 256 characters). Nullable The user's primary email address.
ExchangeServer	Type: text (max 256 characters). Nullable The source exchange server for this information.
WhenCreatedUTC	Type: datetime. Nullable The date/time this partnership was created, in UTC.
LastSyncAttemptTime	Type: datetime. Nullable The last attempted sync time for this partnership, in UTC.
LastSuccessSync	Type: datetime. Nullable The last successful sync time for this partnership, in UTC.

ImportedAttributeMapping Table

The ImportedAttributeMapping table is used by the importer to link imported instance attributes with attributes in the Attribute table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 693: Database columns for ImportedAttributeMapping table

Database Column	Details
AttributeID	Type: integer. Nullable The identifier for the instance attribute in the Attribute table.
ExternalAttributeID	Type: integer. Key. Nullable The identifier used in the source connection for the imported instance attribute.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.

ImportedClientAccessEvidence Table

The ImportedClientAccessEvidence table holds all of the client access evidence which has been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 694: Database columns for ImportedClientAccessEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.
ExternalAccessEvidenceID	Type: big integer. Key The identifier of the client access evidence.
ProductName	Type: text (max 256 characters). Key. Nullable The name of the product being accessed by user or computer. This may include version and edition too.

Database Column	Details
Version	Type: text (max 72 characters). Key. Nullable The version of the installed product.
Edition	Type: text (max 50 characters). Nullable The edition of the installed product.
UALRoleName	Type: text (max 256 characters). Nullable The UAL role name of the product being accessed by user or computer. This is used when retrieve data using UAL.
UALRoleGUID	Type: unique identifier. Nullable The UAL role GUID of the product being accessed by user or computer. This is used when retrieve data using UAL.
Publisher	Type: text (max 200 characters). Nullable The name of the publisher of the installed product. Defaulting to Microsoft as per recommendation.

ImportedClientAccessEvidenceMapping Table

The ImportedClientAccessEvidenceMapping is the mapping table for imported access evidence and access evidence



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 695: Database columns for ImportedClientAccessEvidenceMapping table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.
ExternalAccessEvidenceID	Type: big integer. Key External Access evidend id. Foreign key to ImportedClientAccessedAccessEvidence table.
AccessEvidenceID	Type: integer. Key Access evidend id. Foreign key to AccessEvidence table.

ImportedClientAccessedAccessEvidence Table

The ImportedClientAccessedAccessEvidence table holds a record of the installer evidence that has been installed on a computer from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 696: Database columns for ImportedClientAccessedAccessEvidence table

Database Column	Details
ImportedClientAccessedAccessEvidenceID	Type: big integer. Key The identifier used in the source connection for the installer evidence.
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.
ExternalAccessEvidenceID	Type: big integer. Key Access evidence id .Foreign key to the ImportedClientAccessEvidence table.
ExternalAccessingDeviceID	Type: big integer. Key. Nullable Accessing computer id .Foreign key to the ImportedAccessingDevice table
ExternalAccessingUserID	Type: big integer. Key. Nullable Accessing userid. Foreign key to the ImportedAccessingUser table
ExternalServerComputerID	Type: big integer. Key. Nullable Server computer id .Foreign key to the ImportedComputer table.
ClientAccessSource	Type: text (max 100 characters). Key Referencing to the client access source type.

ImportedClientAccessedAccessOccurrence Table

The ImportedClientAccessedAccessOccurrence table holds the access information of device or user



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 697: Database columns for ImportedClientAccessedAccessOccurrence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.
ImportedClientAccessedAccessEvidenceID	Type: big integer. Key Access evidence id. Foreign key to the ImportedClientAccessedAccessEvidence table..
AccessCount	Type: integer Number of access frequency for given date
InventoryDate	Type: datetime. Key Date on which inventory occurrence was recorded.
LicenseDate	Type: datetime. Key Date which will be used for licensing purpose.
AccessDate	Type: datetime. Nullable The access date.

ImportedCluster Table

The ImportedCluster table holds all of the clusters which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 698: Database columns for ImportedCluster table

Database Column	Details
ExternalID	Type: big integer. Key. Nullable The unique identifier for this imported cluster.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ClusterID	Type: integer. Nullable The unique identifier for this imported cluster. Note that this maps to the 'ExternalID' column in the 'ImportedCluster' table, and not to the 'ClusterID' column.

Database Column	Details
ExternalName	Type: text (max 256 characters). Nullable The identifier of the cluster in the external cluster management system.
Name	Type: text (max 256 characters) The user-visible name of the cluster.
Namespace	Type: text (max 256 characters). Nullable The name of the domain/datacenter containing the cluster.
ClusterTypeID	Type: integer The type of cluster.
InventoryDate	Type: datetime. Nullable The date the cluster last had inventory reported.
InventoryAgent	Type: text (max 64 characters). Nullable The name of the person or tool that performed the last inventory.
DRS	Type: boolean. Nullable Whether Distributed Resource Scheduler (DRS) is enabled
DPM	Type: boolean. Nullable Whether Distributed Power Management (DPM) is enabled

ImportedClusterGroup Table

The ImportedClusterGroup table holds all of the group objects defined on clusters which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 699: Database columns for ImportedClusterGroup table

Database Column	Details
ExternalID	Type: big integer. Key. Nullable The unique identifier for this imported cluster group.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.

Database Column	Details
ClusterID	Type: integer. Nullable The assigned identifier for this cluster group.
ClusterExternalID	Type: big integer. Key The unique identifier for the imported cluster.
Name	Type: text (max 256 characters) The name of the cluster group.
ClusterTypeID	Type: integer Foreign key to the ClusterType table.

ImportedClusterGroupMember Table

The ImportedClusterGroupMember table holds all of the group memberships defined on clusters which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 700: Database columns for ImportedClusterGroupMember table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ClusterGroupExternalID	Type: big integer. Key The unique identifier for the imported cluster group.
ComputerExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the external computer which is a member of the group.
VCObjectID	Type: text (max 256 characters). Key. Nullable The identifier of the virtual machine in Virtual Center.

ImportedClusterHostAffinityRule Table

The ImportedClusterHostAffinityRule table holds all of the host affinity rules for a cluster which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 701: Database columns for ImportedClusterHostAffinityRule table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ClusterExternalID	Type: big integer. Key The unique identifier for the imported cluster.
Name	Type: text (max 256 characters). Key The name of the cluster group.
ClusterHostGroup ExternalID	Type: big integer. Key The unique identifier for the imported cluster host group.
ClusterVMGroupExternalID	Type: big integer. Key The unique identifier for the imported cluster VM group.
ClusterHostAffinity RuleTypeID	Type: integer A unique identifier indicating a type of Cluster Host Affinity Rule.

ImportedClusterNode Table

The ImportedClusterNode table holds all of the cluster nodes which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 702: Database columns for ImportedClusterNode table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ClusterExternalID	Type: big integer. Key The unique identifier for the imported cluster.

Database Column	Details
ComputerExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the external computer which is a member of the cluster.
ClusterNodeTypeID	Type: integer Foreign key to the ClusterNodeType table.

ImportedComputer Table

The ImportedComputer table holds all of the computers which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 703: Database columns for ImportedComputer table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer.
ComputerName	Type: text (max 256 characters). Key. Nullable The name of the computer. In Windows, this is the NetBIOS name of the local computer, as returned by GetComputerName(). For UNIX, it is the host name of the machine, as returned by gethostname(2).
Domain	Type: text (max 100 characters). Key. Nullable The domain of the computer.
OperatingSystem	Type: text (max 128 characters). Nullable The operating system of the computer.
ServicePack	Type: text (max 128 characters). Nullable The service pack installed for the operating system.
NumberOfProcessors	Type: integer. Nullable The number of processors in the computer.

Database Column	Details
ProcessorType	<i>Type:</i> text (max 256 characters). Nullable The type of processor in the computer.
MaxClockSpeed	<i>Type:</i> integer. Nullable The maximum clock speed of the fastest processor in the computer.
NumberOfCores	<i>Type:</i> integer. Nullable The number of cores in the computer.
TotalMemory	<i>Type:</i> big integer. Nullable The total RAM in the computer, in bytes.
ChassisType	<i>Type:</i> text (max 128 characters). Nullable The type of case of the computer. The value must be a (case insensitive) exact match for one of the values shown. Note that some license types use this information to optimize the licensing position, particularly with desktop and laptop computers.
NumberOfHardDrives	<i>Type:</i> integer. Nullable The number of hard drives in the computer.
TotalDiskSpace	<i>Type:</i> big integer. Nullable The total size of all hard drives in the computer.
NumberOfNetworkCards	<i>Type:</i> integer. Nullable The number of network cards in the computer.
NumberOfDisplayAdapters	<i>Type:</i> integer. Nullable The number of graphics cards in the computer.
IPAddress	<i>Type:</i> text (max 256 characters). Nullable The IP address of the computer.
MACAddress	<i>Type:</i> text (max 256 characters). Nullable The MAC address of the computer.

Database Column	Details
Manufacturer	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>The manufacturer of the computer hardware. Some examples include:</p> <ul style="list-style-type: none"> • On Windows, the SMBios manufacturer (the WMI Manufacturer property of the 'Win32_ComputerSystem' class). • On Linux, 'Manufacturer' in the 'System Information' section resulting from the 'dmidecode' command. Sample command: 'dmidecode -s system-manufacturer' • On Solaris x86, as for Linux, with failovers first to 'sysinfo SI_HW_PROVIDER' and then to 'ModelNo'. • On Solaris SPARC, the 'sysinfo SI_HW_PROVIDER'. Typically this value is 'Sun_Microsystems' or, more recently, 'Oracle Corporation'. Failover to the 'ModelNo'. • On HP-UX, the string literal 'HP'. • On AIX, the 'modelname' system attribute preceding the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use 'IBM'. This value is typically 'IBM'.
ModelNo	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The model of the computer hardware or the virtual machine. This value is defined for the context of the current execution environment, rather than the physical server that may be hosting a virtual machine or partition. Examples:</p> <ul style="list-style-type: none"> • On Windows, the SMBios product name. The WMI Model property of the Win32_ComputerSystem class. • On Linux, the SMBios product name read using the command 'dmidecode -s system-product-name'. Specifically, the 'System Information' section and the 'Product Name' in that section is used. • On Solaris x86, as for Linux, with failover to the 'sysinfo SI_PLATFORM', stripping 'SUNW', and replacing hyphen characters with space characters. • On Solaris SPARC, the 'openprom' "banner-name" value read from '/dev/openprom'. Failover to the 'sysinfo SI_PLATFORM', stripping 'SUNW', and replacing hyphen characters with space characters. • On HP-UX, the 'confstr_CS_MACHINE_MODEL'. • On AIX, the 'modelname' system attribute following the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use '8202-E4B'.

Database Column	Details
SerialNo	<p data-bbox="557 268 951 296"><i>Type:</i> text (max 100 characters). Nullable</p> <p data-bbox="557 312 1341 548">The hardware serial number of the computer. The goal of this value is to be tied to the physical hardware, partition or virtual machine and to be as unique as possible across all computers in the organization. This is due to its use in tracking computers, particularly after an operating system rebuild. This value is also used to socialize computer inventory from different inventory sources, and is used to map virtual machine guest operating system inventory to the VM host on which the virtual machine is running. Example sources:</p> <ul data-bbox="557 567 1341 1503" style="list-style-type: none"> <li data-bbox="557 567 1341 667">• On Windows, the SMBios serial number. The WMI 'SerialNumber' property of the 'Win32_BIOS' class. Can fail over to the 'SerialNumber' property of the 'Win32_SystemEnclosure' class which is typically the same value. <li data-bbox="557 697 1341 798">• On Linux, the SMBios serial number read using the command 'dmidecode -s system-serial-number'. Specifically, the 'System Information' section and the 'Serial Number' in that section is used. <li data-bbox="557 827 1341 928">• On Solaris 10 8/07 or later, for a non-global zone, the UUID value from the /etc/zones/index file. For a global zone, the same as Solaris 10 releases earlier than 8/07. <li data-bbox="557 957 1341 1058">• For Solaris 10 releases earlier than 8/07, the hexadecimal version of 'SI_HW_SERIAL' with an appended hyphen character followed by the Zone's name. For example, '838bfc7b-global' or '838bfc7b-myzone'. <li data-bbox="557 1087 1208 1115">• For Solaris 8 and 9, The hexadecimal version of 'SI_HW_SERIAL'. <li data-bbox="557 1144 1341 1205">• For Mac OS X, the serial number of the machine as printed on the packaging and found in "About this Mac" from the desktop. <li data-bbox="557 1234 1341 1373">• For HP-UX, the 'confstr_CS_PARTITION_IDENT' partition identifier if it is an nPar or vPar, or '_CS_MACHINE_IDENT' if not; with a failover to the machine serial number, and a final failover to the 'uname' machine identification number. <li data-bbox="557 1402 1341 1503">• For AIX, the 'id_to_partition' system attribute, starting from the third character (strips a '0X' from the start). For example, if the 'id_to_partition' system attribute is '0X0473409002F7B201' then use '0473409002F7B201'.

Database Column	Details
HostID	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>An identifier for the host of the computer (when inventorying a machine partition such as Solaris Zone, AIX lPar, HP-UX nPar/vPar). Examples:</p> <ul style="list-style-type: none"> • For a Zone on Solaris, the hexadecimal version of SI_HW_SERIAL. • For nPar/vPar on HP-UX, the 'confstr_CS_MACHINE_IDENT' unique machine identifier. • For lPar on AIX, the 'modelname' system attribute following the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use '8202-E4B'.
LastLoggedOnUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The DOMAIN/SAMAccountName of the user last logged onto the computer.</p>
InventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date the computer last had inventory reported.</p>
HardwareInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date (and optionally time) when the hardware was last inventoried. For automated/scheduled data uploads through an inventory beacon, make sure that inventory dates are kept current, as they are used to report out-of-date inventory sources. For a one-time upload to the central application server, leave inventory dates empty (null). At each import from the saved file, the import date is used as the inventory date, which prevents the inventory becoming stale. Notice that this value is not available in the web interface.</p>
ServicesInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date when services (for example, Oracle) were last scanned on this computer. For automated/scheduled data uploads through an inventory beacon, make sure that inventory dates are kept current, as they are used to report out-of-date inventory sources. For a one-time upload to the central application server, leave inventory dates empty (null). At each import from the saved file, the import date is used as the inventory date, which prevents the inventory becoming stale.</p>
InventoryAgent	<p><i>Type:</i> text (max 128 characters)</p> <p>The name of the person or tool that performed the last inventory. For imported spreadsheets, you may wish to include the name of the person preparing the data, in case there is subsequent follow-up required.</p>
ComplianceComputerID	<p><i>Type:</i> integer. Key. Nullable</p> <p>Identifier of the computer in the ComplianceComputer table that this imported computer links to. This is populated by the import process and does not need to be provided by the source connections.</p>

Database Column	Details
ComplianceDomainID	<p><i>Type:</i> integer. Key. Nullable</p> <p>Identifier of the domain in the ComplianceDomain table that this computer belongs to. This is populated by the import process and does not need to be provided by the source connections.</p>
IncompleteRecord	<p><i>Type:</i> boolean. Nullable</p> <p>Used to identify records which do not have all information specified. Primarily used for ManageSoft source connections where the domain name was not reliably reported.</p>
NumberOfSockets	<p><i>Type:</i> integer. Nullable</p> <p>The number of sockets in the computer.</p>
PartialNumberOfProcessors	<p><i>Type:</i> decimal. Nullable</p> <p>The fractional processor count available to this computer.</p>
UntrustedSerialNo	<p><i>Type:</i> boolean</p> <p>Is this computer known to have a serial number from a data source that should not be trusted.</p>
FullDetailsFromExternalID	<p><i>Type:</i> big integer. Nullable</p> <p>If this computer is marked as incomplete, and some of its properties are updated from another computer, record the external ID if the full computer.</p>
FullDetailsFrom ComplianceConnectionID	<p><i>Type:</i> integer. Nullable</p> <p>If this computer is marked as incomplete, and some of its properties are updated from another computer, record the connection ID if the full computer.</p>
ComplianceComputerTypeID	<p><i>Type:</i> integer. Nullable</p> <p>If you know that the computer is a virtual machine or VM host, record that data here. If you are unsure, leave this cell empty (NULL): this allows the system to infer the computer type (for example, a computer with VMs linked to it is inferred to be a VM host). If data comes from multiple inventory sources, leaving this value as null also allows the value to be inserted from another source. So, unless there is a very good reason, do not just specify 'Computer', but allow the inference rules to help.</p>

Database Column	Details
ILMTAgentID	<p><i>Type:</i> big integer. Key. Nullable</p> <p>The unique ID used by the IBM License Metric Tool (ILMT) inventory agent on this device, if the inventory source is aware of this value. This can be used to track a computer over time and can be used to socialize different inventory sources. Currently the ILMT and ManageSoft inventory adapters report this value. To find these values:</p> <ul style="list-style-type: none"> On Windows: The standalone and agent based ILMT configuration files are ‘\$(WindowsFolder)/itlm/tlmstandalone.ini’ and ‘\$(WindowsFolder)/itlm/tlmagent.ini’ respectively. Read the ‘agentid’ property from these files using a case-insensitive match against the property name. On UNIX: The standalone and agent based ILMT configuration files are ‘/etc/tlmstandalone.ini’ and ‘/etc/tlmagent.ini’ respectively. Read the ‘agentid’ property from these files using a case-insensitive match against the property name.
FNMPComputerUID	<p><i>Type:</i> unique identifier. Key. Nullable</p> <p>The unique identifier generated for the computer from the IM database. This property should only be populated by the ManageSoft inventory adapter.</p>
HostIdentifyingNumber	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>Virtual hosts may have an identifier that is unique only across that hardware model. It is less unique than the true hardware serial number, for example.</p>
HostType	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>The type of the physical host computer. This value is similar to the model number, but it is always for the physical server that an execution context may be running on. Therefore, this will generally be a known value for standalone machines and partitions, but it will not be known for virtual machines. This value is used for matching computers. Examples:</p> <ul style="list-style-type: none"> ‘i86pc’ ‘Sun-Fire-T1000’ ‘rx7620’ ‘785’ (for a 9000/785/C3700) ‘8202’ (for an IBM,8202-E4B).
NumberOfLogicalProcessors	<p><i>Type:</i> integer. Nullable</p> <p>The number of logical processors in the computer.</p>
IsRemoteACLDevice	<p><i>Type:</i> boolean. Key</p> <p>Used to determine if the current record is a remote ACL based device.</p>

Database Column	Details
IsDuplicate	<p><i>Type:</i> boolean</p> <p>Used to identify that imported computer is a duplicate of another, whereby a new computer will not created.</p>
LegacySerialNo	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>A previous serial number of this computer that can also be used for matching.</p>
UUID	<p><i>Type:</i> unique identifier. Key. Nullable</p> <p>The BIOS UUID of the computer.</p>
IMEI	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>IMEI (International Mobile Equipment Identity) is a 15- or 17-digit code that uniquely identifies mobile phone sets. Leave blank (null) for other device types.</p>
PhoneNumber	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The phone number of the device. Used for mobile devices.</p>
EmailAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The email address associated with the device. Typically used for mobile devices.</p>
CalculatedUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The domain/SAMAccountName of the calculated user. Some inventory systems calculate the user who owns a computer. For example, it might be the user who, over the last ten logins, logged in most often.</p>
LastSuccessfulInventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>For incremental imports, this represents the inventory date of the computer in the source at the time this record was last successfully imported. If the import procedure has failed, this may be different to the inventory date. At the end of a successful incremental import, this value is updated to match the inventory date. If no value is present in this field, either there has not been a successful import of this computer or the reader for this record is not using an incremental update model.</p>
MDScheduleGeneratedDate	<p><i>Type:</i> datetime. Nullable</p> <p>The last time the managed device schedule was regenerated.</p>
MDScheduleContainsPVUScan	<p><i>Type:</i> boolean. Nullable</p> <p>Does this managed device include an event in its current schedule for running extra IBM PVU hardware scans.</p>
FirmwareSerialNumber	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>Serial number in the system firmware such as BIOS, EEPROM etc.</p>
MachineID	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>For AIX, it is the System ID. For HP-UX, it is the Machine/Software ID. It is unset for other platforms.</p>

Database Column	Details
IgnoredDueToLicense	<i>Type:</i> boolean True if this machine is not imported into compliance computer table due to license limitation
CloudServiceProvider	<i>Type:</i> text (max 256 characters). Nullable A unique identifier for a cloud service provider record.
CSPMetadataJsonBlob	<i>Type:</i> text (max 4000 characters). Nullable Contains the json blob for an Imported Computer record
AgentVersion	<i>Type:</i> text (max 32 characters). Nullable The version of the agent which generated the inventory package.

ImportedComputerCustomProperty Table

The ImportedComputerCustomProperty table is used by the importer to import custom properties for computers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 704: Database columns for ImportedComputerCustomProperty table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key The identifier of a data source connection in the ComplianceConnection table.
ExternalID	<i>Type:</i> big integer. Key The identifier, in the source connection, of the computer that this property belongs to.
PropertyNameID	<i>Type:</i> integer. Key The identifier for custom property in the ImportedCustomPropertyName table.
PropertyValue	<i>Type:</i> text (max 256 characters) The value of the custom property.

ImportedComputerScriptResult Table

The ImportedComputerScriptResult table holds all of the script results which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 705: Database columns for ImportedComputerScriptResult table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer.
RecognitionRule	Type: text (max 256 characters). Key. Nullable The recognition rule.
Revision	Type: integer. Nullable The revision number of the recognition rule.
InventoryDate	Type: datetime. Nullable The date the recognition rule ran.
Result	Type: text. Nullable The result of the recognition rule script.

ImportedCustomPropertyName Table

The ImportedCustomPropertyName table is used by the importer to store the names of custom properties.

Table 706: Database columns for ImportedCustomPropertyName table

Database Column	Details
PropertyNameID	Type: integer. Key. Generated ID A unique identifier for custom property.
PropertyName	Type: text (max 256 characters). Key The name of the custom property.

ImportedDomain Table

The ImportedDomain table holds all of the domains which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 707: Database columns for ImportedDomain table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ComplianceDomainID	Type: integer. Nullable Identifier of the domain in the ComplianceDomain table that this imported domain links to. This is populated as part of the import process and does not need to be provided by the source connections.
QualifiedName	Type: text (max 200 characters). Key. Nullable The fully qualified name of the domain.
FlatName	Type: text (max 200 characters). Key. Nullable The flat name of the domain.

ImportedEvidenceAttribute Table

The ImportedEvidenceAttribute table holds all of the instance attributes from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 708: Database columns for ImportedEvidenceAttribute table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
AttributeID	Type: integer. Key. Nullable The identifier used in the source connection for the instance attribute.
AttributeName	Type: text (max 256 characters). Key. Nullable The name of the instance attribute.

ImportedFNMEAFeature Table

The ImportedFNMEAFeature table is used by the importer to import FlexNet Manager for Engineering Applications features.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 709: Database columns for ImportedFNMEAFeature table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer The identifier of a data source connection in the ComplianceConnection table.
ExternalID	<i>Type:</i> integer. Key. Generated ID The identifier of the feature from the external data source.
Name	<i>Type:</i> text (max 256 characters) The name for this feature.
Version	<i>Type:</i> text (max 32 characters). Nullable The version of this feature.
Publisher	<i>Type:</i> text (max 256 characters) The publisher of the feature.
VendorDaemon	<i>Type:</i> text (max 256 characters) The vendor daemon of the feature.
ConsumedQuantity	<i>Type:</i> integer The count of the feature installs.
OutOfComplianceQuantity	<i>Type:</i> integer The count of out-of-compliance feature installs, as calculated by FlexNet Manager for Engineering Applications.
ComplianceStatus	<i>Type:</i> text (max 32 characters) The compliance status of this feature, as calculated by FlexNet Manager for Engineering Applications.
FNMEAFeatureID	<i>Type:</i> integer. Nullable The identifier of the FlexNet Manager for Engineering Applications feature in the FNMEAFeature table that this imported FlexNet Manager for Engineering Applications feature links to. This is populated by the import process and does not need to be provided by the source connections.

ImportedFNMEAPProduct Table

The ImportedFNMEAPProduct table is used by the importer to import FlexNet Manager for Engineering Applications products.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 710: Database columns for ImportedFNMEAPProduct table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key The identifier of a data source connection in the ComplianceConnection table.
ExternalID	<i>Type:</i> text (max 256 characters). Key The identifier of the product from the external data source. This is the product number in FlexNet Manager for Engineering Applications.
FeatureID	<i>Type:</i> integer. Key The identifier (from the external data source) of the feature this product is associated with.
Name	<i>Type:</i> text (max 256 characters) The name for this product.
Version	<i>Type:</i> text (max 32 characters). Key The version of this product.
VendorDaemon	<i>Type:</i> text (max 256 characters). Key The vendor daemon of the products feature.
Publisher	<i>Type:</i> text (max 256 characters) The publisher of the product.
PurchasedQuantity	<i>Type:</i> integer The count of the products purchased.
OutOfComplianceQuantity	<i>Type:</i> integer The count of out-of-compliance product installs, as calculated by FlexNet Manager for Engineering Applications.
ComplianceStatus	<i>Type:</i> text (max 32 characters) The compliance status of this feature, as calculated by FlexNet Manager for Engineering Applications.

Database Column	Details
FeatureQuantity	Type: integer The count of the features available per product purchased.
SoftwareLicenseID	Type: integer. Nullable The identifier of the software license in the SoftwareLicense table that this imported FlexNet Manager for Engineering Applications product links to. This is populated by the import process and does not need to be provided by the source connections.

ImportedFNMEAUsageStatus Table

The ImportedFNMEAUsageStatus table is used by the importer to import FlexNet Manager for Engineering Applications status values.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 711: Database columns for ImportedFNMEAUsageStatus table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
ProductNumber	Type: text (max 256 characters). Key The identifier of the product from the external data source. This is the product number in FlexNet Manager for Engineering Applications.
Version	Type: text (max 32 characters). Key The version of the product.
Publisher	Type: text (max 256 characters). Key The publisher of the product.
Month	Type: integer The month of the usage for this product.
Year	Type: integer The year of the usage of this product.
HWMUsage	Type: integer The high water mark usage of this product.

ImportedFileEvidence Table

The ImportedFileEvidence table holds all of the file evidence which has been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 712: Database columns for ImportedFileEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the file evidence.
FileName	Type: text (max 256 characters). Key. Nullable The name of the file used as evidence of software installation.
FileVersion	Type: text (max 100 characters). Nullable The version number of the file used as evidence of software installation.
ProductVersion	Type: text (max 200 characters). Nullable The product version number in the file header.
ProductName	Type: text (max 200 characters). Nullable The product name in the file header.
FilePath	Type: text (max 400 characters). Nullable The path of the file used as evidence of software installation.
Company	Type: text (max 100 characters). Key. Nullable The company in the file header.
Description	Type: text (max 200 characters) The description in the file header.
FileSize	Type: integer. Nullable The size of the file.
Language	Type: text (max 200 characters). Nullable The language in the file header.

Database Column	Details
AccessModeID	Type: integer. Key. Nullable The access mode ID of the file evidence.

ImportedFileEvidenceMapping Table

The ImportedFileEvidenceMapping table is used by the importer to link imported file evidence with evidence in the FileEvidence table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 713: Database columns for ImportedFileEvidenceMapping table

Database Column	Details
FileEvidenceID	Type: integer. Key. Nullable The identifier for the file evidence in the NewFileEvidence table.
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the imported file evidence.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.

ImportedGuidMapping Table

The ImportedGuidMapping table is used by the importer to keep a history of entities that have been imported from a data source that uses GUID IDs rather than integer IDs.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 714: Database columns for ImportedGuidMapping table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.

Database Column	Details
Category	Type: text (max 100 characters). Key The importer category applicable for this ID space.
OriginalID	Type: unique identifier. Key The ID of this entity in the source database.
MappedID	Type: big integer. Generated ID A unique integer value we can use as an 'external ID' safely in the ImportedComputer table.

ImportedILMTPVUCounts Table

This table allows the summarised PVU sub capacity numbers to be imported from ILMT. These numbers are calculated by ILMT for a particular date range as PVU “reports”.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 715: Database columns for ImportedILMTPVUCounts table

Database Column	Details
ExternalNodeID	Type: big integer. Key The external ID of the server to which these points apply.
ExternalVMID	Type: big integer. Key. Nullable The external ID of the virtual machine associated with the node (server).
ComplianceConnectionID	Type: integer. Key The current connection ID for this data source.
TitleName	Type: text (max 512 characters). Key The name of the title these points apply to.
Publisher	Type: text (max 254 characters). Key The name of the publisher of the title these points apply to.
SubCapacityCores	Type: integer The number of sub-capacity licensable cores for the license on the computer.
FullCapacityCores	Type: integer The number of full-capacity licensable cores for the license on the computer.

Database Column	Details
SubCapacityPVU	Type: integer The number of sub-capacity PVU counts consumed for the license on the computer.
FullCapacityPVU	Type: integer The number of full-capacity PVU counts consumed for the license on the computer.
PeakSubCapacityPVU	Type: integer The peak number of sub-capacity PVU counts consumed for the license on the computer.
PeakFullCapacityPVU	Type: integer The peak number of full-capacity PVU counts consumed for the license on the computer.

ImportedILMTPVUCreatedLicenses Table

This table stores a history of IBM PVU licenses that have been created by the ILMT adapter.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 716: Database columns for ImportedILMTPVUCreatedLicenses table

Database Column	Details
SoftwareLicenseID	Type: integer The ID of the created license.
TitleName	Type: text (max 512 characters) The name of the title that triggered the creation of the license.
Publisher	Type: text (max 254 characters) The name of the publisher of the title that triggered the creation of the license.

ImportedILMTVMMapping Table

The ImportedILMTVMMapping table is used by the importer to keep a history of all Virtual Machine IDs (adm.VM records) that have been imported from ILMT data sources.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 717: Database columns for ImportedILMTVMMapping table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
OriginalID	Type: big integer. Key The agent ID of this agent in the ILMT database.
MappedID	Type: integer. Generated ID A unique integer value we can use as an 'external ID' safely in the ImportedComputer table.

ImportedInstalledFileEvidence Table

The ImportedInstalledFileEvidence table holds a record of the file evidence that has been installed on a computer from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 718: Database columns for ImportedInstalledFileEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the file evidence is installed on.
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the file evidence.
ExternalFilePathID	Type: big integer. Key. Nullable The identifier used in the source connection for the path of the file evidence.

ImportedInstalledFileEvidencePath Table

The ImportedInstalledFileEvidencePath table holds a record of the path for file evidences that has been installed on a computer from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 719: Database columns for ImportedInstalledFileEvidencePath table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalFilePathID	Type: big integer. Key. Nullable The identifier used in the source connection for the path of the file evidence.
ExternalFilePath	Type: text (max 400 characters). Nullable The path to the installed file evidence.

ImportedInstalledFileEvidenceUsage Table

The ImportedInstalledFileEvidenceUsage table holds a record of end-users that are using file evidence from the source connection.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 720: Database columns for ImportedInstalledFileEvidenceUsage table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
StartDate	Type: text (max 10 characters). Nullable The start date of the file evidence usage tracking period.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the file evidence is installed on.

Database Column	Details
ExternalUserID	Type: big integer. Key. Nullable The identifier used in the source connection for the end-user that has used the file evidence.
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the file evidence.
ActiveTimeInSeconds	Type: big integer. Nullable The number of seconds that the file evidence was in use during the usage tracking period.
NumberOfSessions	Type: big integer. Nullable The number of sessions that the file evidence was in use during the usage tracking period.
LastUsedDate	Type: text (max 10 characters). Nullable The last used date of the file evidence.

ImportedInstalledInstallerEvidence Table

The ImportedInstalledInstallerEvidence table holds a record of the installer evidence that has been installed on a computer from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 721: Database columns for ImportedInstalledInstallerEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalInstallerEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the installer evidence is installed on.
ExternalInstanceID	Type: big integer. Key. Nullable The identifier used in the source connection for the instance that the installer evidence is associated with.

Database Column	Details
InstallDate	Type: text (max 10 characters). Nullable The install date of the installer evidence.
DiscoveryDate	Type: text (max 10 characters). Nullable The date that the installer evidence was first seen.

ImportedInstalledInstallerEvidenceAttribute Table

The ImportedInstalledInstallerEvidenceAttribute table holds a record of the values of the instance attributes for each installer evidence which is reported to be installed on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 722: Database columns for ImportedInstalledInstallerEvidenceAttribute table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalInstallerEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the installer evidence is installed on.
ExternalInstanceID	Type: big integer. Key. Nullable The identifier used in the source connection for the instance that the installer evidence is associated with.
AttributeID	Type: integer. Key The identifier used in the source connection for the instance attribute.
Value	Type: text The value of the instance attribute for the installed installer evidence.

ImportedInstalledInstallerEvidenceUsage Table

The ImportedInstalledInstallerEvidenceUsage table holds a record of installed evidence being used from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 723: Database columns for ImportedInstalledInstallerEvidenceUsage table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
StartDate	Type: text (max 10 characters). Nullable The start date of the installer evidence usage tracking period.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the installer evidence is installed on.
ExternalInstallerID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
ExternalInstanceID	Type: big integer. Key. Nullable The identifier used in the source connection for the instance that the installer evidence is associated with.
NumberOfSessions	Type: big integer. Nullable The number of sessions that the installer evidence was in use during the usage tracking period.
LastUsedDate	Type: text (max 10 characters). Nullable The last used date of the installed installer evidence.
ExternalUserID	Type: big integer. Key. Nullable The identifier used in the source connection for the user that the installer evidence was used on.

ImportedInstalledWMIEvidence Table

The ImportedInstalledWMIEvidence table holds a record of the WMI evidence that has been installed on a computer from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 724: Database columns for ImportedInstalledWMIEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the WMI evidence is installed on.
ExternalEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the WMI evidence.
InstanceName	Type: text (max 256 characters). Key. Nullable The name of the WMI class instance used in the source connection for the WMI evidence

ImportedInstallerEvidence Table

The ImportedInstallerEvidence table holds all of the installer evidence which has been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 725: Database columns for ImportedInstallerEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalInstallerID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
DisplayName	Type: text (max 256 characters). Key. Nullable The display name of the software as reported by the installer evidence.
Version	Type: text (max 72 characters). Key. Nullable The version of the software as reported by the installer evidence.
Publisher	Type: text (max 200 characters). Key. Nullable The publisher of the software as reported by the installer evidence.

Database Column	Details
Evidence	Type: text (max 32 characters). Nullable Identifier for the type of installer evidence.
ProductCode	Type: text (max 55 characters). Nullable The product code of the evidence. This is usually the MSI product code.
AccessModeID	Type: integer. Key. Nullable The access mode ID of the file evidence.

ImportedInstallerEvidenceMapping Table

The ImportedInstallerEvidenceMapping table is used by the importer to link imported installer evidence with evidence in the InstallerEvidence table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 726: Database columns for ImportedInstallerEvidenceMapping table

Database Column	Details
InstallerEvidenceID	Type: integer. Key. Nullable The identifier for the installer evidence in the InstallerEvidence table.
ExternalInstallerID	Type: big integer. Key. Nullable The identifier used in the source connection for the imported installer evidence.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.

ImportedInstallerEvidenceRepackageMapping Table

The ImportedInstallerEvidenceRepackageMapping table is used by the importer to map the original and current installer evidence of repackaged softwares as reported by the ISO tag evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 727: Database columns for ImportedInstallerEvidenceRepackageMapping table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.
OrigDisplayName	Type: text (max 256 characters). Key. Nullable The original display name of the repackaged software as reported by the ISO tag evidence.
OrigVersion	Type: text (max 72 characters). Key. Nullable The original version of the repackaged software as reported by the ISO tag evidence.
OrigPublisher	Type: text (max 200 characters). Key. Nullable The original publisher of the repackaged software as reported by the ISO tag evidence.
CurrentDisplayName	Type: text (max 256 characters). Key. Nullable The current display name of the repackaged software as reported by the ISO tag evidence.
CurrentVersion	Type: text (max 72 characters). Key. Nullable The current version of the repackaged software as reported by the ISO tag evidence.
CurrentPublisher	Type: text (max 200 characters). Key. Nullable The current publisher of the repackaged software as reported by the ISO tag evidence.

ImportedInstance Table

The ImportedInstance table holds all of the instances which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 728: Database columns for ImportedInstance table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.

Database Column	Details
InstanceID	Type: big integer. Key. Nullable The identifier used in the source connection for the instance.
InstanceName	Type: text (max 256 characters). Nullable The name of the instance.
ParentInstanceID	Type: big integer. Key. Nullable The identifier used in the source connection for the parent instance.
EnterpriseManager InstanceID	Type: big integer. Nullable The identifier used in the source connection for the Oracle Enterprise Manager instance.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer.
AuditEvidence	Type: binary. Nullable Oracle LMS CVS files in zip archive.
AuditEvidenceDate	Type: datetime. Nullable Oracle LMS CSV files collection date.

ImportedInstanceUser Table

The ImportedInstanceUser table holds all of the end-users of an instance which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 729: Database columns for ImportedInstanceUser table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key The identifier used in the source connection for the instance end-user.
ComputerID	Type: big integer. Key The identifier used in the source connection for the computer.

Database Column	Details
InstanceID	Type: big integer. Key The identifier used in the source connection for the instance.
AccountStatus	Type: text (max 256 characters). Nullable The current status of the end-user account.
CreationDate	Type: datetime. Nullable The date and time when the end-user was created.
LastLogonDate	Type: datetime. Nullable The date and time when the end-user last logged on to the computer.
DefaultTablespace	Type: text (max 256 characters). Nullable The default tablespace for an Oracle end-user.
TempTablespace	Type: text (max 256 characters). Nullable The temporary tablespace for an Oracle end-user.
ApplicationID	Type: text (max 400 characters). Key. Nullable The Oracle EBS application ID the user has access to.

ImportedMissingComputer Table

The ImportedMissingComputer table holds all of the computers which no longer have inventory records in the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 730: Database columns for ImportedMissingComputer table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer.
ComplianceComputerID	Type: integer. Key. Nullable Identifier of the computer in the ComplianceComputer table that this imported computer links to.

Database Column	Details
IsTerminated	<p>Type: boolean</p> <p>Flag to indicate that this imported computer links to a terminated CloudServiceInstance.</p>

ImportedMissingLicenseUser Table

The ImportedMissingLicenseUser table holds all of the external end-users which no longer have inventory records in the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 731: Database columns for ImportedMissingLicenseUser table

Database Column	Details
ComplianceConnectionID	<p>Type: integer. Key. Nullable</p> <p>The identifier for a data source connection in the ComplianceConnection table.</p>
ExternalID	<p>Type: big integer. Key. Nullable</p> <p>The identifier used in the source connection for the external end-user.</p>
LicenseUserID	<p>Type: integer. Key. Nullable</p> <p>The identifier for the external end-user in the LicenseUser table.</p>

ImportedMissingUser Table

The ImportedMissingUser table holds all of the end-users which no longer have inventory records in the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 732: Database columns for ImportedMissingUser table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the end-user.
ComplianceUserID	Type: integer. Key. Nullable The identifier for the end-user in the ComplianceUser table.

ImportedPVUVirtualMachineLayer Table

The ImportedPVUVirtualMachineLayer table holds all of the computers which have been retrieved from the IM database.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 733: Database columns for ImportedPVUVirtualMachineLayer table

Database Column	Details
ExternalID	Type: integer. Key The identifier used in the source connection for the end-user.
HostExternalID	Type: integer. Key. Nullable The host item on which the layer resides, or the computer itself. Foreign key to the ImportedPVUVirtualMachineLayer table.
ParentExternalID	Type: integer. Key. Nullable The parent layer. Foreign key to the ImportedPVUVirtualMachineLayer table
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
FNMPComputerUID	Type: unique identifier. Key. Nullable The unique identifier generated for the computer from the IM database. This property should only be populated by the ManageSoft inventory adapter.

Database Column	Details
VMPoolTypeID	Type: integer. Nullable The type of this VM pool. Foreign key to the VMPoolType table.
VMTypeID	Type: integer. Nullable The type of this virtual machine. Foreign key to the VMType table.
Name	Type: text (max 256 characters). Nullable The name of the layer (host/pool/VM).
Manufacturer	Type: text (max 128 characters). Nullable The manufacturer of this layer.
ModelNo	Type: text (max 128 characters). Nullable The model number of this layer.
SerialNo	Type: text (max 100 characters). Nullable The serial number of this layer.
IsFabricatedHost	Type: boolean Is the host generated from the virtual machine inventory.
PartialNumberOfProcessors	Type: decimal. Nullable The fractional processor count available to this layer.
ProcessorType	Type: text (max 256 characters). Nullable The type of processor in this layer.
MaxClockSpeed	Type: integer. Nullable The maximum clock speed (in megahertz) of the fastest processor in this layer.
NumberOfProcessors	Type: decimal. Nullable The processor count for this layer.
NumberOfCores	Type: decimal. Nullable The core count for this layer.
MaxNumberOfLogicalProcessors	Type: decimal. Nullable The maximum number of logical processors count for this layer.
NumberOfLogicalProcessors	Type: decimal. Nullable The thread count for this layer.
LicenseSimulationRowTypeID	Type: integer The type of hardware for this item. Foreign key to the LicenseSimulationRowType table.

ImportedProductCodeEvidenceMapping Table

The ImportedProductCodeEvidenceMapping table is used by the importer to link imported product code evidence with evidence in the InstallerEvidence table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 734: Database columns for ImportedProductCodeEvidenceMapping table

Database Column	Details
InstallerEvidenceID	Type: integer. Key. Nullable The identifier for the installer evidence in the InstallerEvidence table.
ExternalInstallerID	Type: big integer. Key. Nullable The identifier used in the source connection for the imported installer evidence.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.

ImportedRelatedInstalledInstallerEvidence Table

The ImportedRelatedInstalledInstallerEvidence table holds parent-child relationship between installer evidence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 735: Database columns for ImportedRelatedInstalledInstallerEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ParentExternal InstallerEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
ParentExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the installer evidence is installed on.

Database Column	Details
ChildExternalInstallerEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
ChildExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer that the installer evidence is installed on.
IsCharged	Type: boolean. Key. Nullable The identifier used in the source connection to determine the pricing relation between parent and child installer evidence (specifies if it is charged = 1 or free = 0).
ConfidenceLevel	Type: integer. Nullable Confidence level for each bundled installer evidence (as a percentage).

ImportedRemoteApplication Table

This ImportedRemoteApplication table stores all the published applications from Citrix XenApp/App-V Management Server.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 736: Database columns for ImportedRemoteApplication table

Database Column	Details
FarmName	Type: text (max 256 characters). Nullable The farm from which the application belongs to.
AppID	Type: text (max 256 characters). Key. Nullable The unique identifier for XenApp applications.
AppName	Type: text (max 256 characters). Nullable The application name available in XenApp.
AppFileName	Type: text (max 256 characters). Key. Nullable The application executable name.
AppFileVersion	Type: text (max 256 characters). Key. Nullable The application executable version.
AppFilePublisher	Type: text (max 256 characters). Key. Nullable The application publisher.

Database Column	Details
AppFileDescription	Type: text (max 256 characters). Key. Nullable The application description.
IsStreamingProfile	Type: boolean. Nullable Whether the application is a streaming profile.
AccessModeID	Type: integer. Key The access mode of the virtual application.

ImportedRemoteApplicationAccess Table

This ImportedRemoteApplicationAccess table stores all users/groups with sid who have access to what virtual applications.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 737: Database columns for ImportedRemoteApplicationAccess table

Database Column	Details
FarmName	Type: text (max 256 characters). Nullable The farm from which the virtual application belongs to.
AppID	Type: text (max 256 characters). Nullable The unique identifier for virtual applications.
Sid	Type: text (max 256 characters). Nullable The sid that has access to the application.
AccessModeID	Type: integer The access mode of the virtual application.
DeliveryGroupID	Type: text (max 256 characters). Nullable The unique identifier for delivery group for the virtual applications.
ApplicationGroupID	Type: text (max 256 characters). Nullable The unique identifier for application group for the virtual applications.

ImportedRemoteApplicationInstallerData Table

This ImportedRemoteApplicationInstallerData table stores all the MSI information in a streamed profile.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 738: Database columns for ImportedRemoteApplicationInstallerData table

Database Column	Details
FarmName	Type: text (max 256 characters). Nullable The farm from which the application belongs to.
AppID	Type: text (max 256 characters). Key. Nullable The unique identifier for virtual applications.
DisplayName	Type: text (max 256 characters). Key. Nullable The application name.
Publisher	Type: text (max 200 characters). Key. Nullable The application publisher name.
Version	Type: text (max 72 characters). Key. Nullable The application version.
ProductCode	Type: text (max 55 characters). Nullable The product code of the evidence. This is usually the MSI product code.
AccessModeID	Type: integer. Key The access mode of the virtual application.

ImportedRemoteApplicationServer Table

This ImportedRemoteApplicationServer table stores the servers from which applications are published from.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 739: Database columns for ImportedRemoteApplicationServer table

Database Column	Details
FarmName	Type: text (max 256 characters). Nullable The farm from which the server belongs to.
AppID	Type: text (max 256 characters). Key. Nullable The unique identifier for XenApp applications.

Database Column	Details
ServerName	Type: text (max 256 characters). Key. Nullable The XenApp server the application is available under.
ServerDomainName	Type: text (max 256 characters). Key. Nullable The XenApp server domain name.
VDIGroupUUID	Type: unique identifier. Nullable The desktop group UUID from which the application is published
AccessModeID	Type: integer. Key The access mode of the virtual application.

ImportedRemoteServerFileEvidenceMapping Table

The ImportedRemoteServerFileEvidenceMapping table stores the mapping between file evidence on servers to software titles



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 740: Database columns for ImportedRemoteServerFileEvidenceMapping table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalServerID	Type: big integer. Key. Nullable The External Server ID for the remote server.
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the file evidence.
SoftwareTitleID	Type: integer. Nullable The software title ID corresponding to the piece of file evidence.

ImportedRemoteUsage Table

This ImportedRemoteUsage table stores the remote usage for applications in remote hosting environments



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the

database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 741: Database columns for ImportedRemoteUsage table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalServerID	Type: big integer. Key. Nullable The External Server ID for the remote server.
ExternalClientID	Type: big integer. Nullable The External client ID for the remote client machine.
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the file evidence.
ExternalInstallerEvidenceID	Type: big integer. Nullable The identifier used in the source connection for the installer evidence.
ExternalUserID	Type: big integer. Nullable The identifier used in the source connection for the end-user that has used the file evidence.
StartDate	Type: text (max 10 characters). Nullable The start date of the remote usage tracking period.
ActiveTimeInSeconds	Type: big integer. Nullable The number of seconds that the file evidence was in use during the usage tracking period.
NumberOfSessions	Type: big integer. Nullable The number of sessions that the file evidence was in use during the usage tracking period.
AccessModeID	Type: integer. Nullable The access mode ID for the remote usage.

ImportedRemoteUserToApplicationAccess Table

The ImportedRemoteUserToApplicationAccess table stores the applications that remote users have access to



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 742: Database columns for ImportedRemoteUserToApplicationAccess table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalServerID	Type: big integer. Key. Nullable The External Server ID for the remote server.
VDIGroupUUID	Type: unique identifier. Nullable The desktop group UUID from which the application is published
ExternalFileID	Type: big integer. Key. Nullable The identifier used in the source connection for the file evidence.
ExternalInstallerEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the installer evidence.
ExternalUserID	Type: big integer. Key. Nullable The identifier used in the source connection for the end-user that has used the file evidence.
AccessModeID	Type: integer. Key. Nullable The access mode ID for the remote application access.
LastUsedDate	Type: datetime. Key. Nullable The last time the remote application was used by the user.

ImportedSite Table

The ImportedSubnet contains sites imported from Microsoft Active Directory



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 743: Database columns for ImportedSite table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.

Database Column	Details
Name	Type: text (max 256 characters). Key The site's name.
AutoPopulated	Type: boolean Is the site auto populated at source?
Enabled	Type: boolean Is the site enabled?

ImportedSiteSubnet Table

The ImportedSiteSubnet contains sites and subnets imported from Microsoft Active Directory



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 744: Database columns for ImportedSiteSubnet table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.
SiteName	Type: text (max 256 characters). Key The site's name.
IPSubnet	Type: text (max 64 characters). Key The IP subnet.
IPSubnetBits	Type: tiny integer. Key The IP subnet mask in CIDR notation.
AutoPopulated	Type: boolean Is the subnet auto populated at source?
Enabled	Type: boolean Is the subnet enabled?

ImportedSoftwareLicense Table

The ImportedSoftwareLicense table holds all of the licenses which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 745: Database columns for ImportedSoftwareLicense table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalLicenseID	Type: big integer. Key. Nullable The identifier used in the source connection for the license.
LicenseName	Type: text (max 256 characters). Nullable The name of the license.
SoftwareLicenseTypeID	Type: integer. Nullable The license type ID of the license.
EntitlementCount	Type: integer. Nullable The number of entitlements for the license.
IsSubscription	Type: boolean Indicates whether or not the license is a subscription license.
ExpiryDate	Type: datetime. Nullable The expiry date of a subscription license.
PartNo	Type: text (max 100 characters). Nullable The publisher's part number for this license.
SoftwareLicenseID	Type: integer. Nullable Identifier of the license in the SoftwareLicense table that this imported license links to. This is populated by the import process and does not need to be provided by the source connections.
VirtualApplication AccessMaximumUsagePeriod	Type: integer. Nullable This is a rule for virtual application access. This is used in conjunction with the AllowExternalRoamingUse. For Device licenses, a license will consume 1 entitlement per each user device when used in period specified here. For user licenses, if 1, this license will consume only when used in period specified here.
PublisherName	Type: text (max 64 characters). Nullable The name of the publisher.
Version	Type: text (max 60 characters). Nullable The name of the Version.

Database Column	Details
Edition	Type: text (max 60 characters). Nullable The name of the Edition.
TrueUp	Type: boolean Set this field to True if the license is a true-up license (and so never goes into at risk).
UnlimitedConsumption	Type: boolean Set this field to True if the license is a unlimited license (and so never goes into at risk).

ImportedSoftwareLicenseAllocation Table

The ImportedSoftwareLicenseAllocation table holds the links between licenses and end-users which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 746: Database columns for ImportedSoftwareLicenseAllocation table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalLicenseID	Type: big integer. Key. Nullable The identifier used in the source connection for the license. Foreign key to the ImportedSoftwareLicense table.
ExternalUserID	Type: big integer. Key. Nullable The identifier used in the source connection for the user. Foreign key to the ImportedUser table.
ExternalAccessingUserID	Type: big integer. Key. Nullable The identifier used in the source connection for the accessing user. Foreign key to the ImportedAccessingUser table.

ImportedSoftwareTitle Table

The ImportedSoftwareTitle table contains the application titles retrieved from the source connection.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 747: Database columns for ImportedSoftwareTitle table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalSoftwareTitleID	Type: big integer. Key. Nullable The identifier used in the source connection for a Software title.
FullName	Type: text (max 512 characters). Nullable Software title.
ProductName	Type: text (max 200 characters). Nullable Software title product name.
PublisherName	Type: text (max 200 characters). Nullable Software title publisher.
VersionName	Type: text (max 50 characters). Nullable Software title version.
EditionName	Type: text (max 50 characters). Nullable Software title edition.
SoftwareTitleID	Type: integer. Nullable Identifier of the software title in the SoftwareTitle table that this software title links to. This is populated by the import process and does not need to be provided by the source connections.

ImportedSoftwareTitleAccessEvidence Table

The ImportedSoftwareTitleAccessEvidence table maps ClientAccessEvidence to SoftwareTitles retrieved from the source connection.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 748: Database columns for ImportedSoftwareTitleAccessEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalSoftwareTitleID	Type: big integer. Key A unique identifier for a software record. Foreign key to the ImportedSoftwareTitle table.
ExternalClientAccessEvidenceID	Type: big integer. Key A unique identifier for a client access evidence record. Foreign key to the ImportedClientAccessEvidence table.

ImportedSoftwareTitleLicense Table

The ImportedSoftwareTitleLicense table maps SoftwareLicenses to SoftwareTitles retrieved from the source connection.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 749: Database columns for ImportedSoftwareTitleLicense table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalSoftwareTitleID	Type: big integer. Key A unique identifier for a software title record. Foreign key to the ImportedSoftwareTitle table.
ExternalSoftwareLicenseID	Type: big integer. Key A unique identifier for a software license record. Foreign key to the ImportedSoftwareLicense table.

ImportedStringMapping Table

The ImportedStringMapping table is used by the importer to keep a history of entities that have been imported from a data source that uses string IDs rather than integer IDs.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 750: Database columns for ImportedStringMapping table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
Category	Type: text (max 100 characters). Key The importer category applicable for this ID space.
OriginalID	Type: text (max 400 characters). Key The ID of this entity in the source database.
MappedID	Type: big integer. Generated ID A unique integer value we can use as an 'external ID' safely in the ImportedComputer table.

ImportedStringMappingLatin1CS Table

The ImportedStringMappingLatin1CS table is used by the importer to keep a history of entities that have been imported from a data source that uses case sensitive string IDs rather than integer IDs.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 751: Database columns for ImportedStringMappingLatin1CS table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
Category	Type: text (max 100 characters). Key The importer category applicable for this ID space.
OriginalID	Type: text (max 400 characters). Key The ID of this entity in the source database.
MappedID	Type: big integer. Generated ID A unique integer value we can use as an 'external ID' safely in the ImportedComputer table.

ImportedUser Table

The ImportedUser table holds all of the end-users which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 752: Database columns for ImportedUser table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the end-user.
UserName	Type: text (max 64 characters). Nullable The account name of the end-user.
Domain	Type: text (max 100 characters). Key. Nullable The domain of the end-user.
SAMAccountName	Type: text (max 64 characters). Key. Nullable The SAM account name of the end-user.
InventoryAgent	Type: text (max 64 characters). Nullable The name of the person or tool that performed the last inventory. For imported spreadsheets, you may wish to include the name of the person preparing the data, in case there is subsequent follow-up required.
FirstName	Type: text (max 128 characters). Nullable The first name of the end-user.
LastName	Type: text (max 128 characters). Nullable The last name or surname of the end-user.
Email	Type: text (max 200 characters). Nullable The email address of the end-user.
EmployeeNumber	Type: text (max 128 characters). Nullable The employee number of the end-user.
CostCenter	Type: text (max 128 characters). Nullable The cost center of the end-user, as reported in SAP. Does not necessarily map to a cost centre in the GroupEx table.

Database Column	Details
ComplianceUserID	<p>Type: integer. Nullable</p> <p>Identifier of the end-user in the ComplianceUser table that this imported user links to. This is populated by the import process and does not need to be provided by the source connections.</p>
ComplianceDomainID	<p>Type: integer. Nullable</p> <p>Identifier of the domain in the ComplianceDomain table that this end-user belongs to. This is populated by the import process and does not need to be provided by the source connections.</p>
IsBlacklisted	<p>Type: boolean. Key</p> <p>This is populated by the import process and does not need to be provided by the source connections. The field is set to True if the end-user matches a record from the UserNameBlacklist table, meaning the account should not be included in compliance calculations.</p>
MapUsingEmailAddress	<p>Type: boolean</p> <p>Indicates whether or not the user's email address should be used to try and map it to an existing ComplianceUser record.</p>

ImportedVDI Table

The ImportedVDIUser table stores the list of VDI devices, their master VM template and the VDI group the VDI device resides under.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 753: Database columns for ImportedVDI table

Database Column	Details
ComplianceConnectionID	<p>Type: integer</p> <p>The identifier of a data source connection in the ComplianceConnection table.</p>
ExternalDeviceID	<p>Type: big integer. Nullable</p> <p>The identifier used in the source connection for the VDI device.</p>
ComputerName	<p>Type: text (max 64 characters). Nullable</p> <p>The computer name of the VDI.</p>
Domain	<p>Type: text (max 100 characters). Nullable</p> <p>The domain name of the VDI device.</p>

Database Column	Details
VDIGroupName	Type: text (max 100 characters). Key. Nullable The VDI group the VDI device belongs to.
TemplateName	Type: text (max 100 characters). Key. Nullable The VDI template the VDI is cloned from.
SiteName	Type: text (max 256 characters). Key. Nullable The site name of the VDI.
BrokerType	Type: text (max 64 characters). Key. Nullable The broker type of the VDI device.
IsPersistent	Type: boolean. Key. Nullable Determine whether the VDI device is a persistent VDI device.
VDIGroupUUID	Type: unique identifier. Nullable The group UUID the VDI device belongs to.
ApplicationDeliveryOnly	Type: boolean. Nullable Determines whether the VDI device is used only to server applications.

ImportedVDIEndPointAccess Table

The ImportedVDIEndPointAccess table stores the list of users on end-points that have accessed VDI devices.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 754: Database columns for ImportedVDIEndPointAccess table

Database Column	Details
ComplianceConnectionID	Type: integer. Nullable The identifier of a data source connection in the ComplianceConnection table.
ExternalDeviceID	Type: big integer. Nullable The identifier used in the source connection for the device.
ExternalUserID	Type: big integer. Nullable The identifier used in the source connection for the user.
VDIDeviceName	Type: text (max 64 characters). Nullable The computer name of the VDI device.

Database Column	Details
VDIDeviceDomain	Type: text (max 100 characters). Nullable The domain name of the VDI device.
VDITemplateName	Type: text (max 256 characters). Nullable The VDI template the VDI device was cloned from.
LogonTime	Type: datetime. Key. Nullable The logon time of the VDI device by the user.
BrokerType	Type: text (max 64 characters). Nullable The broker type of the VDI device.

ImportedVDITemplate Table

The ImportedVDITemplate table stores the list of VDI templates.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 755: Database columns for ImportedVDITemplate table

Database Column	Details
ComplianceConnectionID	Type: integer The identifier of a data source connection in the ComplianceConnection table.
TemplateName	Type: text (max 64 characters). Key. Nullable The template name of the VDI template.
SiteName	Type: text (max 256 characters). Key. Nullable The site name of the VDI.
BrokerType	Type: text (max 64 characters). Key. Nullable The broker type of the VDI template.
VDITemplateExternalID	Type: big integer. Nullable The ExternalID of the VDI template in the ImportedComputer table.

ImportedVDIUser Table

The ImportedVDIUser table stores the list of users that have been granted access to VDI groups.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 756: Database columns for ImportedVDIUser table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier of a data source connection in the ComplianceConnection table.
ExternalUserID	Type: big integer. Key. Nullable The identifier used in the source connection for the end-user that has access to the VDI.
VDIGroupName	Type: text (max 100 characters). Nullable The VDI group the end-user has access to.
SiteName	Type: text (max 256 characters). Nullable The site name of the VDI.
BrokerType	Type: text (max 64 characters). Nullable The broker type of the VDI for the end user.

ImportedVMHostDatastore Table

The ImportedVMHostDatastore table holds all of the datastore objects available to virtual machines hosts.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 757: Database columns for ImportedVMHostDatastore table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the virtual machine's host computer ID.
Datastore	Type: text (max 64 characters). Nullable The datastore available on the VM host.

ImportedVMHostManagedBySoftware Table

The ImportedVMHostManagedBySoftware table contains relationships between installer evidence of management software and VM hosts it manages.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 758: Database columns for ImportedVMHostManagedBySoftware table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table.
ExternalInstallerID	Type: big integer. Key The identifier used in the source connection for an installer evidence of management software.
ExternalComputerID	Type: big integer. Key The identifier used in the source connection for the computer that the management software installer evidence is installed on.
RelationType	Type: text (max 100 characters). Key Identifier for the type of relation, to be matched against ImporterString column of RelationType table.
ExternalVMHostID	Type: big integer. Key The identifier used in the source connection for the VM host computer that is managed by a management software.

ImportedVMHostProperty Table

The ImportedVMHostProperty table holds additional properties for virtual machines hosts which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 759: Database columns for ImportedVMHostProperty table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the virtual machine's host computer ID.
VMTypeID	Type: big integer. Nullable The VMHost technology type. Foreign key to the VMType table.
HypervisorVersion	Type: text (max 32 characters). Nullable The hypervisor version of the VM host.
HyperThreadingEnabled	Type: boolean. Nullable Set this to True if this VM host has hyper threading enabled.
PowerState	Type: text (max 32 characters). Nullable The power state of the VM host.
ManagingSoftwareVersion	Type: text (max 32 characters). Nullable The version of the managing software for the VM host.
ConnectionState	Type: text (max 32 characters). Nullable The connection state of the VM host to the managing software environment.
InstanceType	Type: text (max 256 characters). Nullable Cloud provider instance type.
Region	Type: text (max 256 characters). Nullable Region of the host.
AvailabilityZone	Type: text (max 256 characters). Nullable Location of the host.
AllocationTime	Type: datetime. Nullable The time that the Dedicated Host was allocated.
ReleaseTime	Type: datetime. Nullable The time that the Dedicated Host was released.
Autoplacement	Type: boolean. Nullable Whether auto-placement is on or off.

ImportedVMPool Table

The ImportedVMPool table holds all of the virtual machine pools which have been retrieved from the source connections and the number of processors and cores that are assigned to each pool.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 760: Database columns for ImportedVMPool table

Database Column	Details
PoolName	Type: text (max 100 characters). Key. Nullable The name of the pool.
VCObjectID	Type: text (max 256 characters). Nullable The identifier of the virtual machine folder in Virtual Center.
ParentName	Type: text (max 100 characters). Nullable The name of the parent pool. This is the PoolName property for the parent pool.
PoolFriendlyName	Type: text (max 256 characters). Nullable The friendly name of the pool.
HostComputerID	Type: big integer. Key. Nullable The identifier used in the source connection for the computer which is hosting the pool.
ObjectType	Type: text (max 256 characters). Key. Nullable The type of pool.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ParentObjectType	Type: text (max 256 characters). Nullable The type of pool of the parent.
NumberOfProcessors	Type: decimal. Nullable The number of processors available to this pool.
NumberOfCores	Type: decimal. Nullable The number of cores available to this pool.
NumberOfLogicalProcessors	Type: integer. Nullable The active number of threads used by this pool.

Database Column	Details
MaxNumberOfLogicalProcessors	<p>Type: integer. Nullable</p> <p>Maximum number of threads allocated to this pool of type processor set.</p>

ImportedVirtualMachine Table

The ImportedVirtualMachine table holds all of the virtual machines which have been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 761: Database columns for ImportedVirtualMachine table

Database Column	Details
HostComputerID	<p>Type: big integer. Key. Nullable</p> <p>The identifier used in the source connection for the virtual machine's host computer.</p>
VirtualMachineType	<p>Type: text (max 100 characters). Nullable</p> <p>The type of virtual machine.</p>
VMName	<p>Type: text (max 256 characters). Nullable</p> <p>The name of the virtual machine.</p>
VCObjectID	<p>Type: text (max 256 characters). Nullable</p> <p>The identifier of the virtual machine in Virtual Center.</p>
FriendlyName	<p>Type: text (max 256 characters). Nullable</p> <p>The friendly name of the virtual machine.</p>
ComputerName	<p>Type: text (max 256 characters). Nullable</p> <p>The computer name of the virtual machine.</p>
UUID	<p>Type: text (max 256 characters). Key. Nullable</p> <p>The UUID of the virtual machine.</p>
TotalMemory	<p>Type: big integer. Nullable</p> <p>The total RAM in the computer, in bytes.</p>
PoolName	<p>Type: text (max 100 characters). Nullable</p> <p>The name of the pool that the virtual machine belongs to.</p>

Database Column	Details
CPUUsage	Type: integer. Nullable The maximum CPU usage of the virtual machine (MHz).
MemoryUsage	Type: big integer. Nullable The maximum memory usage of the virtual machine (bytes).
MaxNumberOfLogicalProcessors	Type: decimal. Nullable The maximum number of threads this VM is allowed to access.
VMEnabledStateID	Type: integer. Nullable The state of the machine (powered on, off, etc).
ModelNo	Type: text (max 128 characters). Nullable The model number of the virtual machine.
Manufacturer	Type: text (max 128 characters). Nullable The manufacturer of the computer hardware. Some examples include: <ul style="list-style-type: none"> On Windows, the SMBios manufacturer (the WMI Manufacturer property of the 'Win32_ComputerSystem' class). On Linux, 'Manufacturer' in the 'System Information' section resulting from the 'dmidecode' command. Sample command: 'dmidecode -s system-manufacturer' On Solaris x86, as for Linux, with failovers first to 'sysinfo SI_HW_PROVIDER' and then to 'ModelNo'. On Solaris SPARC, the 'sysinfo SI_HW_PROVIDER'. Typically this value is 'Sun_Microsystems' or, more recently, 'Oracle Corporation'. Failover to the 'ModelNo'. On HP-UX, the string literal 'HP'. On AIX, the 'modelname' system attribute preceding the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use 'IBM'. This value is typically 'IBM'.
NumberOfProcessors	Type: integer. Nullable The number of processors in the virtual machine.
ProcessorType	Type: text (max 256 characters). Nullable The type of processor in the virtual machine.
NumberOfHardDrives	Type: integer. Nullable The number of hard drives in the virtual machine.

Database Column	Details
NumberOfNetworkCards	<i>Type:</i> integer. Nullable The number of network cards in the virtual machine.
InventoryAgent	<i>Type:</i> text (max 64 characters). Nullable The name of the person or tool that performed the last inventory.
ComplianceConnectionID	<i>Type:</i> integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
VMLocation	<i>Type:</i> text (max 256 characters). Nullable Location of the virtual machine on the file system.
GuestFullName	<i>Type:</i> text (max 256 characters). Nullable Configured operating system for the guest.
VMComputerID	<i>Type:</i> big integer. Key. Nullable The identifier used in the source connection for the virtual machine's computer.
PoolType	<i>Type:</i> text (max 100 characters). Nullable The type of the pool that the virtual machine belongs to.
ZoneResourceManagement MethodType	<i>Type:</i> text (max 100 characters). Nullable Resource management method used for this virtual machine in Solaris Zone.
AffinityEnabled	<i>Type:</i> boolean Set this to True if this VM is unable to move to different host computers.
CPUAffinity	<i>Type:</i> text (max 256 characters). Nullable Contains the CPU Affinity value for virtual machine(Host Logical Processors)
CoreAffinity	<i>Type:</i> text (max 256 characters). Nullable Contains the Core Affinity value for virtual machine
PartitionID	<i>Type:</i> text (max 100 characters). Nullable Partition ID generated and used by the managing virtualization platform
PartitionNumber	<i>Type:</i> integer. Nullable Number of this partition
FullComputerName	<i>Type:</i> text (max 256 characters). Nullable The virtual machine full computer name as determined by the VM guest managing tool.
IPAddress	<i>Type:</i> text (max 256 characters). Nullable IP Address of the virtual machine as determined by the VM guest managing tool.

ImportedWMIEvidence Table

The ImportedWMIEvidence table holds all of the WMI evidence which has been retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 762: Database columns for ImportedWMIEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ClassName	Type: text (max 50 characters). Key. Nullable The WMI class name of the WMI evidence.
PropertyName	Type: text (max 50 characters). Key. Nullable The WMI property name of the WMI evidence.
PropertyValue	Type: text (max 256 characters). Key. Nullable The value of the property of the WMI evidence.
ExternalEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the WMI evidence.

ImportedWMIEvidenceRuleMapping Table

The ImportedWMIEvidenceRuleMapping table is used by the importer to link imported WMI evidence with evidence in the WMIEvidence table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 763: Database columns for ImportedWMIEvidenceRuleMapping table

Database Column	Details
EvidenceRuleID	Type: integer. Nullable The identifier for the WMI evidence in the WMIEvidence table.

Database Column	Details
ExternalEvidenceID	Type: big integer. Key. Nullable The identifier used in the source connection for the imported WMI evidence.
ComplianceConnectionID	Type: integer. Key. Nullable The identifier of a data source connection in the ComplianceConnection table.

ImporterValueMapping Table

The ImporterValueMapping table stores mapping pairs for use by importer tasks. It serves as a basic lookup translation table that is not connection-specific.

Table 764: Database columns for ImporterValueMapping table

Database Column	Details
ImporterValueMappingID	Type: integer. Key. Generated ID Unique auto-incrementing identifier.
Category	Type: text (max 100 characters). Key The importer section applicable for this key, uses dotted notation: e.g. "MobileDevice.Apple.Model".
FromValue	Type: text (max 256 characters). Key The value to translate.
ToValue	Type: text (max 256 characters). Nullable The required destination value for the Category/FromValue pair.

InstalledApplications Table

The InstalledApplications table is populated by the import process to track which software has been installed.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 765: Database columns for InstalledApplications table

Database Column	Details
ComplianceComputerID	Type: integer. Key The identifier for the computer in the ComplianceComputer table that the software is installed on.

Database Column	Details
SoftwareTitleID	Type: integer. Key The identifier for the software in the SoftwareTitle table that is installed.
InstanceName	Type: text (max 256 characters). Nullable The name of the instance that the software installation is associated with.
InstallerEvidence	Type: boolean This field is True if the installation is reported due to installer evidence.
FileEvidence	Type: boolean This field is True if the installation is reported due to file evidence.
WMIEvidence	Type: boolean This field is True if the installation is reported due to WMI evidence.
AccessModeID	Type: integer The access mode for which the installed application has been accessed. Foreign key to the AccessMode table.
IsACL	Type: boolean Determines whether the access mode record came from ACL data.

RelatedInstalledApplications Table

The RelatedInstalledApplications table is populated by the import process to track which relationship between applications.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 766: Database columns for RelatedInstalledApplications table

Database Column	Details
ParentComplianceComputerID	Type: integer. Key The parent identifier for the computer in the ComplianceComputer table that the software is installed on.
ParentSoftwareTitleID	Type: integer. Key The parent identifier for the software in the SoftwareTitle table that is installed.

Database Column	Details
ParentAccessModeID	<p><i>Type:</i> integer. Key</p> <p>The access mode for which the installed application has been accessed. Foreign key to the AccessMode table.</p>
ChildComplianceComputerID	<p><i>Type:</i> integer. Key</p> <p>The child identifier for the computer in the ComplianceComputer table that the software is installed on.</p>
ChildSoftwareTitleID	<p><i>Type:</i> integer. Key</p> <p>The child identifier for the software in the SoftwareTitle table that is installed.</p>
ChildAccessModeID	<p><i>Type:</i> integer. Key</p> <p>The access mode for which the installed application has been accessed. Foreign key to the AccessMode table.</p>
IsCharged	<p><i>Type:</i> boolean. Key</p> <p>The identifier used in the source connection to determine the pricing relation between parent and child installer evidence (specifies if it is charged or free).</p>
ConfidenceLevel	<p><i>Type:</i> integer. Nullable</p> <p>Confidence level for each bundled installer evidence (as a percentage).</p>

Compliance.InventoryWriter.Matching Tables

The complete set of database tables documented here includes:

- ClusterMatchResult table (see [ClusterMatchResult Table](#))
- ComplianceComputerMatchResult table (see [ComplianceComputerMatchResult Table](#))
- ImportedClusterMatchResult table (see [ImportedClusterMatchResult Table](#))
- ImportedComputerMatchResult table (see [ImportedComputerMatchResult Table](#))
- ImportedSoftwareBundleInstallerEvidence table (see [ImportedSoftwareBundleInstallerEvidence Table](#))
- ImportedVirtualMachineMatchResult table (see [ImportedVirtualMachineMatchResult Table](#))
- VirtualMachineMatchResult table (see [VirtualMachineMatchResult Table](#))

ClusterMatchResult Table

The ClusterMatchResult table stores the results of performing matching between ImportedClusters and

Clusters.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 767: Database columns for ClusterMatchResult table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table that supplied the ImportedCluster.
ExternalID	Type: big integer. Key The identifier used in the source connection for the ImportedCluster.
ClusterID	Type: integer. Key Identifier of the computer in the Cluster table that this ImportedCluster links to.
MatchingRule	Type: text (max 128 characters) The matching rule which determined the match between this ImportedCluster and Cluster.

ComplianceComputerMatchResult Table

The ComplianceComputerMatchResult table stores the results of performing matching between ImportedComputers and ComplianceComputers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 768: Database columns for ComplianceComputerMatchResult table

Database Column	Details
ComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table that supplied the ImportedComputer.
ExternalID	Type: big integer. Key The identifier used in the source connection for the ImportedComputer.

Database Column	Details
ComplianceComputerID	Type: integer. Key Identifier of the computer in the ComplianceComputer table that this ImportedComputer links to.
MatchingRule	Type: text (max 128 characters) The matching rule which determined the match between this ImportedComputer and ComplianceComputer.

ImportedClusterMatchResult Table

The ImportedClusterMatchResult table stores the results of performing matching between ImportedClusters.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 769: Database columns for ImportedClusterMatchResult table

Database Column	Details
PrimaryComplianceConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table that supplied the primary ImportedCluster.
PrimaryExternalID	Type: big integer. Key The identifier used in the source connection for the primary ImportedCluster.
MatchedComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table that supplied the matched ImportedCluster.
MatchedExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the matched ImportedCluster.
MatchingRule	Type: text (max 128 characters) The matching rule which determined the match between these ImportedClusters.

ImportedComputerMatchResult Table

The ImportedComputerMatchResult table stores the results of performing matching between ImportedComputers.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 770: Database columns for ImportedComputerMatchResult table

Database Column	Details
PrimaryCompliance ConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table that supplied the primary ImportedComputer.
PrimaryExternalID	Type: big integer. Key The identifier used in the source connection for the primary ImportedComputer.
MatchedCompliance ConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table that supplied the matched ImportedComputer.
MatchedExternalID	Type: big integer. Key. Nullable The identifier used in the source connection for the matched ImportedComputer.
MatchingRule	Type: text (max 128 characters) The matching rule which determined the match between these ImportedComputers.

ImportedSoftwareBundleInstallerEvidence Table

The ImportedSoftwareBundleInstallerEvidence table holds software bundle to installer evidence information retrieved from the source connections.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 771: Database columns for ImportedSoftwareBundleInstallerEvidence table

Database Column	Details
ComplianceConnectionID	Type: integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.

Database Column	Details
BundleName	Type: text (max 256 characters). Key. Nullable Bundle name
BundlePublisher	Type: text (max 64 characters). Key. Nullable Bundle's publisher
EvidenceDisplayName	Type: text (max 256 characters). Key. Nullable The version of the software as reported by the installer evidence.
EvidenceVersion	Type: text (max 72 characters). Key. Nullable Identifier for the type of installer evidence.
EvidencePublisher	Type: text (max 200 characters). Key. Nullable The publisher of the software as reported by the installer evidence.
Supplementary	Type: boolean Whether this installer evidence on this bundle is supplementary (counted for consumption) or not.
MeasuredForCompliance	Type: boolean Whether this installer evidence on this bundle is measured for compliance risks.
ProductRatio	Type: integer If this installer evidence is supplementary on the bundle, the number of entitlements consumed related to the entitlements consumed for the parent product.
ParentProductRatio	Type: integer If this installer evidence is supplementary on the bundle, the number of entitlements consumed related to the entitlements consumed for the supplementary product.
DowngradeEnabled	Type: boolean If this field is <code>True</code> , this bundle can cover previous releases, or lower editions, of applications linked to this license. If this field is <code>False</code> (the default), there is no downgrade right conferred by this license.
DowngradeToVersion	Type: boolean If this field is <code>True</code> , the bundle covers previous releases (with the same edition) of the primary application. If this field is <code>False</code> (the default), earlier versions of the primary application are not covered by downgrade rights.
DowngradeToVersionID	Type: integer. Nullable If the previous field is <code>True</code> and the value of this field is <code>NULL</code> , downgrade rights cover all earlier releases (with the same edition) of the primary application. If not <code>NULL</code> , downgrade rights cover all versions of the primary application down to and including this version. Foreign key to the <code>SoftwareTitleVersion</code> table.

Database Column	Details
DowngradeToEdition	<p>Type: boolean</p> <p>If this field is <code>True</code>, the license covers lower editions (with the same version) of the primary application. If this field is <code>False</code> (the default), lower editions of the primary application are not covered by downgrade rights.</p>
DowngradeToEditionID	<p>Type: integer. Nullable</p> <p>If the previous field is <code>True</code> and the value of this field is <code>NULL</code>, downgrade rights cover all lower editions (with the same version) of the primary application. If not <code>NULL</code>, downgrade rights cover all editions of the primary application down to and including this edition. Foreign key to the <code>SoftwareTitleEdition</code> table.</p>
UpgradeEnabled	<p>Type: boolean</p> <p>If this field is <code>True</code>, the license can cover future releases (with the same edition) of the primary application. If this bit is <code>False</code> (the default), there is no upgrade right conferred by this license.</p>
UpgradeToVersion	<p>Type: boolean</p> <p>If this field is <code>True</code>, the license covers later releases (with the same edition) of the primary application. If this field is <code>False</code> (the default), later versions of the primary application are not covered by upgrade rights.</p>
UpgradeToVersionID	<p>Type: integer. Nullable</p> <p>If the previous field is <code>True</code> and the value of this field is <code>NULL</code>, upgrade rights cover all later version (with the same edition) of the primary application. If not <code>NULL</code>, upgrade rights cover all versions of the primary application up to and including this version. Foreign key to the <code>SoftwareTitleEdition</code> table.</p>
UpgradeUntil	<p>Type: boolean</p> <p>If this bit is 1, the upgrade right covers future releases of applications that get linked to this license, provided that the release date of each version is before (or on) a specified date. If this bit is zero (the default), the upgrade right is not date limited.</p>
UpgradeUntilDate	<p>Type: datetime. Nullable</p> <p>If this field is set, only applications released before this date are covered by upgrade rights.</p>

ImportedVirtualMachineMatchResult Table

The `ImportedVirtualMachineMatchResult` table stores the results of performing matching between `ImportedVirtualMachines`.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 772: Database columns for ImportedVirtualMachineMatchResult table

Database Column	Details
PrimaryCompliance ConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table that supplied the primary ImportedVirtualMachine.
PrimaryVMComputerID	Type: big integer. Key The identifier used in the source connection for the primary ImportedVirtualMachine.
PrimaryHostComputerID	Type: big integer. Key The identifier used in the source connection for the primary host ImportedVirtualMachine.
MatchedCompliance ConnectionID	Type: integer. Key The identifier for a data source connection in the ComplianceConnection table that supplied the matched ImportedVirtualMachine.
MatchedVMComputerID	Type: big integer. Key The identifier used in the source connection for the matched ImportedVirtualMachine.
MatchedHostComputerID	Type: big integer. Key The identifier used in the source connection for the matched host ImportedVirtualMachine.
MatchingRule	Type: text (max 128 characters) The matching rule which determined the match between these ImportedVirtualMachines.
NeedsCreation	Type: boolean Whether this ImportedVirtualMachine is awaiting creation as a VirtualMachine or not.

VirtualMachineMatchResult Table

The VirtualMachineMatchResult table stores the results of performing matching between ImportedVirtualMachines and VirtualMachines.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 773: Database columns for VirtualMachineMatchResult table

Database Column	Details
ComplianceConnectionID	<p>Type: integer. Key</p> <p>The identifier for a data source connection in the ComplianceConnection table that supplied the ImportedVirtualMachine.</p>
VMComputerID	<p>Type: big integer. Key</p> <p>The identifier used in the source connection for the ImportedVirtualMachine.</p>
HostComputerID	<p>Type: big integer. Key</p> <p>The identifier used in the source connection for the host of the ImportedVirtualMachine.</p>
VirtualMachineID	<p>Type: integer. Key</p> <p>Identifier of the virtual machine in the VirtualMachine table that this ImportedVirtualMachine links to.</p>
MatchingRule	<p>Type: text (max 128 characters)</p> <p>The matching rule which determined the match between these VirtualMachines.</p>

Compliance.InventoryReader.CloudServiceData Tables

The complete set of database tables documented here includes:

- ImportedCloudServiceInstance table (see [ImportedCloudServiceInstance Table](#))

ImportedCloudServiceInstance Table

The ImportedCloudServiceInstance table holds all of the data which have been retrieved from the cloud instance.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 774: Database columns for ImportedCloudServiceInstance table

Database Column	Details
ComplianceConnectionID	<i>Type:</i> integer. Key. Nullable The identifier for a data source connection in the ComplianceConnection table.
ExternalComputerID	<i>Type:</i> big integer. Key. Nullable The identifier used in the source connection for the computer.
HostID	<i>Type:</i> text (max 256 characters). Nullable The ID of the dedicated host instance.
HostComputerID	<i>Type:</i> big integer. Key. Nullable The identifier used in the source connection for the CloudServiceInstance's host computer.
CloudServiceProvider	<i>Type:</i> text (max 256 characters). Key. Nullable The cloud service provider for this instance. Foreign key to the CloudServiceProvider table.
InstanceCloudID	<i>Type:</i> text (max 256 characters). Key The ID of the cloud instance.
InstanceAffinity	<i>Type:</i> text (max 256 characters). Nullable The affinity setting for the instance on the Dedicated Host.
ImageID	<i>Type:</i> text (max 256 characters). Nullable The ID of the image used to launch the instance.
LaunchTime	<i>Type:</i> datetime. Nullable The time the cloud instance was launched or the Reserved Instance started.
NetworkID	<i>Type:</i> text (max 256 characters). Nullable The ID of the Virtual Private Cloud.
MACAddress	<i>Type:</i> text (max 256 characters). Key. Nullable The MAC address of the computer. This may be a comma-separated list if there is more than one active network adapter in the system. Do not include inactive network adapters and network adapters with invalid MAC addresses.
LifecycleMode	<i>Type:</i> text (max 256 characters). Nullable The time the instance was launched.
ExpiryTime	<i>Type:</i> datetime. Nullable The time when the Reserved Instance expires.

Database Column	Details
InstanceCount	Type: integer. Nullable The number of reservations purchased.
OfferingClass	Type: text (max 256 characters). Nullable The offering class of the Reserved Instance.
OfferingType	Type: text (max 256 characters). Nullable The Reserved Instance offering type.
Scope	Type: text (max 256 characters). Nullable The scope of the Reserved Instance.
Account	Type: text (max 256 characters). Nullable The Account that is used to create the instance.
CoreCount	Type: integer. Nullable The number of core of the instance.
ThreadsPerCore	Type: integer. Nullable The number of thread per core of the instance.
InstanceType	Type: text (max 256 characters). Nullable Cloud provider instance type.
Region	Type: text (max 256 characters). Nullable Region of the instance.
AvailabilityZone	Type: text (max 256 characters). Nullable Location of the instance.
InstanceTenancy	Type: text (max 256 characters). Nullable Instance tenancy of the instance
VMEnabledStateID	Type: integer. Nullable The state of the machine (powered on, off, etc).
InventoryDate	Type: datetime. Nullable The time of inventory date.

6

Inventory Database Schema

This chapter describes the schema for the FlexNet Manager Suite database that collects inventory uploaded by the FlexNet inventory agent, either when installed on 'adopted' devices, or when executing a remote, zero-touch inventory.

This inventory data undergoes some rationalization within this schema. The import of the resulting clean inventory data from this database to the compliance database is the work of the Compliance Reader, making use of another intermediate schema (see [Compliance Reader Database Schema](#)).

Information Structure

The following information is provided about database tables. Items appear only when relevant to the database column, and are suppressed where they do not apply. Two of these items (shown bold) are columns in the following pages, and the remainder are displayed within the **Details**.

Item	Comment
Database Column	The name of the column in the SQL table.
<i>Type</i>	The data type of the contents of the database column.
Size	For types that have a maximum capacity, the upper limit is provided in parentheses.
Key	The word “Key” appears when a column is a unique key field within the table. It is possible for several database columns to be part of the key, so that this indicator may appear for several columns in a table.
Generated ID	This indicates that a numeric ID is assigned by the database.
Nullable	If this indicator is present, the database column permits nulls.
Computed	This indicator appears for columns that are automatically computed by the database.
Default	If a column has a default value declared in the schema, this is specified at the end of the first set of details for the column.

Item	Comment
Details	Describes the data stored in the database column, including many of the indicators described above.

AD Tables

The complete set of database tables documented here includes:

- ADComputer table (see [ADComputer Table](#))
- ADExternalMember table (see [ADExternalMember Table](#))
- ADSDOU table (see [ADSDOU Table](#))
- ADUser table (see [ADUser Table](#))

ADComputer Table

The ADComputer table is populated with data from Active Directory in preparation for an Active Directory reconciliation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 775: Database columns for ADComputer table

Database Column	Details
DomainID	Type: integer. Key OrganizationID of the domain in which the computer resides.
ComputerCN	Type: text (max 64 characters). Key The computer's common name.
ComputerOURDN	Type: text (max 384 characters). Key The relative distinguished name of the organizational unit or container holding this computer.
GUID	Type: binary (max 16 bytes). Key The objectGUID of the Active Directory object that represents this computer, if known.
SID	Type: text (max 256 characters). Nullable The computer's SID.

ADExternalMember Table

The ADExternalMember table stores cross domain Active Directory objects.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 776: Database columns for ADExternalMember table

Database Column	Details
GroupID	Type: integer. Key The GroupID the external member belongs to.
ExternalMemberSID	Type: text (max 256 characters). Key The external member SID.

ADSDOU Table

The ADSDOU table is populated with domain, and organizational unit data from Active Directory in preparation for an Active Directory reconciliation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 777: Database columns for ADSDOU table

Database Column	Details
DomainID	Type: integer. Key The domain in which this object resides.
RDN	Type: text (max 400 characters). Key The relative distinguished name of this object.
GUID	Type: binary (max 16 bytes). Key The ObjectGUID of this Active Directory object.
BlockInheritance	Type: boolean True (1) if package allocations should not be inherited from parent OUs or Domain, unless no-override is set for the Allocation (in the policy group membership mode).

ADUser Table

The ADUser table contains is populated with data from Active Directory in preparation for an Active Directory reconciliation. It is a temporary table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 778: Database columns for ADUser table

Database Column	Details
DomainID	Type: integer. Key The domain in which this user resides.
UserCN	Type: text (max 64 characters). Key The user's common name.
UserOURDN	Type: text (max 384 characters). Key The relative distinguished name of the organizational unit or container holding this user.
GUID	Type: binary (max 16 bytes). Key. Nullable The Active Directory GUID of this user.
SAMAccountName	Type: text (max 20 characters). Nullable The user's logon name used to support clients and servers from versions of Windows prior to Windows 2000.
Sid	Type: text (max 512 characters). Nullable User's Sid

ClientAccess Tables

The complete set of database tables documented here includes:

- ClientAccessDetail table (see [ClientAccessDetail Table](#))
- ClientAccessOccurrence table (see [ClientAccessOccurrence Table](#))
- ClientAccessingDevice table (see [ClientAccessingDevice Table](#))
- ClientAccessingUser table (see [ClientAccessingUser Table](#))
- UALSoftwareDetail table (see [UALSoftwareDetail Table](#))

ClientAccessDetail Table

Records the entries for the client accesses obtained from the User access logging.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 779: Database columns for ClientAccessDetail table

Database Column	Details
ClientAccessDetailID	Type: big integer. Key. Generated ID Auto-generated identity number.
ClientAccessingDeviceID	Type: integer. Key. Nullable The client access device related record. This is a foreign key into the ClientAccessingDevice table.
ClientAccessingUserID	Type: integer. Key. Nullable The client access user related record. This is a foreign key into the ClientAccessingUser table.
ServerComputerID	Type: integer. Key The record of the server from which the inventory is obtained. This is a foreign key into the Computer table.
UALSoftwareDetailID	Type: integer. Key The client access software related record. This is a foreign key into the UALSoftwareDetail table.

ClientAccessOccurrence Table

Records the entries for the software access occurrence in the User access logging.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 780: Database columns for ClientAccessOccurrence table

Database Column	Details
ClientAccessDetailID	Type: big integer. Key Client access related record. This is a foreign key into the ClientAccessingDetails table.

Database Column	Details
AccessDate	Type: datetime. Nullable Date and time at which access was made to server.
InventoryDate	Type: datetime. Key Date and time at which this inventory occurrence was recorded.
LicenseDate	Type: datetime. Key Date used for licensing purposes.
AccessCount	Type: integer Number of times access was made to server.

ClientAccessingDevice Table

Records the entries for the client accessing devices obtained from the User access logging.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 781: Database columns for ClientAccessingDevice table

Database Column	Details
ClientAccessingDeviceID	Type: integer. Key. Generated ID Auto-generated identity number.
IPAddress	Type: text (max 256 characters). Key. Nullable IP Address of the client accessing device.
ComputerName	Type: text (max 256 characters). Key. Nullable Computer name of the client accessing device.

ClientAccessingUser Table

Records the entries for the client accessing users obtained from the User access logging.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 782: Database columns for ClientAccessingUser table

Database Column	Details
ClientAccessingUserID	Type: integer. Key. Generated ID Auto-generated identity number.
UserName	Type: text (max 256 characters). Key User name of the accessing user.
DomainName	Type: text (max 100 characters). Key. Nullable Domain name of the accessing user.

UALSoftwareDetail Table

Records the entries for the softwares registered in the User access logging.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 783: Database columns for UALSoftwareDetail table

Database Column	Details
UALSoftwareDetailID	Type: integer. Key. Generated ID Auto-generated identity number.
ProductName	Type: text (max 256 characters). Key The name of the instalation product. This may include version and edition too.
RoleName	Type: text (max 256 characters). Key. Nullable The URL role name. This is used when retrieve data using UAL.
RoleGUID	Type: unique identifier. Key. Nullable The URL role GUID. This is used when retrieve data using UAL
ClientAccessSource	Type: text (max 100 characters). Key Referencing to the client access source type.

DirectoryObjects Tables

The complete set of database tables documented here includes:

- Computer table (see [Computer Table](#))

- OperatingSystem table (see [OperatingSystem Table](#))
- User table (see [User Table](#))

Computer Table

The Computer table contains all computers that have ever reported information or have been targeted by policy in a FlexNet Manager Suite environment.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 784: Database columns for Computer table

Database Column	Details
ComputerID	Type: integer. Key. Generated ID The ID for the computer. This is automatically generated by SQL Server.
AgentID	Type: text (max 256 characters). Key. Nullable The unique ID for the agent on the computer.
ComputerOUID	Type: integer. Key The organizational unit of the computer in Active Directory. In an SMS organization, this is set to the OUID of the unknown OU.
ComputerCN	Type: text (max 256 characters). Key The computer's common name. In an Active Directory environment this is the common name attribute of the computer's distinguished name. This is the same as the SAM account name.
ComputerUID	Type: unique identifier. Key A unique external identifier for the computer.
OperatingSystemID	Type: integer. Nullable The operating system of the computer, if known. This allows efficient determination of the operating system breakdown of computers in an organization.
GUID	Type: binary (max 16 bytes). Key. Nullable The objectGUID of the Active Directory object that represents this computer, if known.

OperatingSystem Table

This table stores the information about different types of OS available on the network devices

Table 785: Database columns for OperatingSystem table

Database Column	Details
OperatingSystemID	Type: integer. Key. Generated ID Auto-generated identity number
OperatingSystemName	Type: text (max 128 characters). Key Name of operating system
Category	Type: integer. Nullable Reference to operating system category

User Table

The User table contains all of the users that have ever reported information in a FlexNet Manager Suite environment. A row has been added to cater for installations that occur from computer policy. This row has a UserID set to 1 and a UserCN of SYSTEM, and belongs to Organization 1, which is the universal Domain.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 786: Database columns for User table

Database Column	Details
UserID	Type: integer. Key. Generated ID The ID for the user. This is automatically generated by SQL Server.
UserOUID	Type: integer. Key The organizational unit of the user in Active Directory. This is a foreign key into the Organization table. In an SMS environment, this is always set to the unknown OU.
UserCN	Type: text (max 64 characters). Key The user's common name. In an Active Directory environment this is the common name attribute of the user's distinguished name.
GUID	Type: binary (max 16 bytes). Key. Nullable The objectGUID of the Active Directory object that represents this user, if known.
SAMAccountName	Type: text (max 20 characters). Key. Nullable The SAM account name used to uniquely identify this user in event logs and user inventories.

Directory Tables

The complete set of database tables documented here includes:

- Domain table (see [Domain Table](#))
- DomainConfiguration table (see [DomainConfiguration Table](#))
- Group table (see [Group Table](#))
- Member table (see [Member Table](#))
- Organization table (see [Organization Table](#))

Domain Table

The Domain table, in combination with the Organization table, contains data about all of the domains, and organizational units that have ever had users or computers report information in a FlexNet Manager Suite environment.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 787: Database columns for Domain table

Database Column	Details
OrganizationID	Type: integer. Key Organizational ID. This is a foreign key into the Organization table.
DN	Type: text (max 100 characters). Key. Nullable Fully qualified distinguished name.
DomainType	Type: text (max 4 characters). Key. Nullable The type of directory service running, for example AD, NT 4.
FlatName	Type: text (max 32 characters). Nullable The NT 4 domain name.
PreferredDomainController	Type: text (max 32 characters). Nullable Preferred domain controller to query.
PreferredDomainControllerOnly	Type: boolean Whether (0) or not to fail over to alternate server if the preferred domain controller is not contactable.

Database Column	Details
ADReconcile	<p><i>Type:</i> boolean</p> <p>Whether (1) or not (0) to reconcile the FlexNet Manager Suite database with Active Directory.</p>
ADLoadLatency	<p><i>Type:</i> integer</p> <p>If reconciling Active Directory with the FlexNet Manager Suite database, the length of time in minutes before the Active Directory data is refreshed in the FlexNet Manager Suite database. The default value is 60 minutes. A value of 0 means load the Active Directory data into the FlexNet Manager Suite database at each reconciliation. Set this to a high value to minimize network traffic for domains for delayed reconciliation is acceptable.</p>
MergePolicies	<p><i>Type:</i> boolean</p> <p>Whether (1) or not (0) to generate merged policies.</p>
LastADReconcile	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time of the last reconciliation of the FlexNet Manager Suite database with Active Directory.</p>
LastADReconcileStatus	<p><i>Type:</i> boolean</p> <p>This field is currently unused.</p>
LastADLoad	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time of the last Active Directory load. A value of NULL indicates that Active Directory data should be loaded at the next reconcile operation.</p>
LastPolicyMerge	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time of the last generation of merged policy.</p>
LastPolicyMergeStatus	<p><i>Type:</i> boolean</p> <p>This field is currently unused.</p>
DNReverse	<p><i>Type:</i> text (max 100 characters). Key. Nullable</p> <p>Fully qualified distinguished name, in reverse order (to improve sub-domain search performance).</p>

DomainConfiguration Table

The DomainConfiguration table contains configuration properties for the Domain table

Table 788: Database columns for DomainConfiguration table

Database Column	Details
DomainID	Type: integer. Key OrganizationID of the domain in which the entry resides.
Property	Type: text (max 32 characters). Key The name of the property.
Value	Type: text (max 256 characters). Nullable The value of the property.
DateValue	Type: datetime. Nullable The date and time value of the property.
LastUpdate	Type: datetime The date and time the property was last updated.

Group Table

Each Group identifies either a named group or an unnamed Access Control List (ACL). Each Group is associated with rows in the Member table.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 789: Database columns for Group table

Database Column	Details
GroupID	Type: integer. Key. Generated ID The ID for the group, automatically generated by SQL Server.
GUID	Type: binary (max 16 bytes). Key The Globally Unique Identifier for the group. In the case where this Group represents an Access Control List for a Policy or a PackageAllocation, the GUID is that of this object.
GroupCN	Type: text (max 128 characters). Key. Nullable The Common Name for the group. In the case where this Group represents an Access Control List for a Policy or a PackageAllocation, the GroupCN is NULL.

Database Column	Details
GroupOID	Type: integer. Key A reference to the Organization to which the group belongs.
GroupType	Type: integer. Nullable The bitmask of flags defining the type of this Group.
SID	Type: text (max 256 characters). Nullable The security identifier of this Group.

Member Table

The Member table stores the membership lists for every group. Each Member details a User, Computer, Group, or Organization (only Policy ACL groups), and whether the specified item is excluded (only ACL groups), included (the default) or included mandatorily (cannot be excluded - used only for Organizations in Policy ACLs).



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 790: Database columns for Member table

Database Column	Details
GroupID	Type: integer. Key The Group of which this is a Member.
TargetTypeID	Type: integer. Key The TargetType. Possible values are: <ul style="list-style-type: none"> • 1 = Computer • 2 = User • 3 = Group • 8 = OrgUnit • 16 = Operator
TargetID	Type: integer. Key The ComputerID, UserID, GroupID or OrganizationID.
MemberMode	Type: integer The MemberMode is 0 for Exclude (regardless of any other memberships, the principals of this Target are excluded from this group), 1 for Include, and 2 for Always - NoOverride.

Organization Table

The Organization table contains data about organizational units used in a FlexNet Manager Suite environment.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 791: Database columns for Organization table

Database Column	Details
OrganizationID	<p>Type: integer. Key. Generated ID</p> <p>The ID for the organizational unit. (1 is used for “unknown OU” in the universal domain). This is automatically generated by SQL Server.</p>
RDN	<p>Type: text (max 400 characters). Key. Nullable</p> <p>The relative distinguished name of this organizational unit.</p>
GUID	<p>Type: binary (max 16 bytes). Key. Nullable</p> <p>The objectGUID of the Active Directory object that represents this organizational unit, if known.</p>
DomainID	<p>Type: integer. Key. Nullable</p> <p>OrganizationID of the domain in which the entry resides. For a domain, must be set to reference self.</p>
RDNReverse	<p>Type: text (max 400 characters). Key. Nullable</p> <p>The relative distinguished name of the computer, reversed for superior performance on sub-organization searching.</p>
IsUnknown	<p>Type: integer</p> <p>True (1) if the organizational unit cannot be resolved through Active Directory (for example, the unknown OU, which has a NULL RDN), false (0) otherwise (if the OU has a non-empty RDN).</p>
IsDomain	<p>Type: integer</p> <p>True (1) if the organizational unit is a domain (has an empty - not NULL - RDN), false (0) otherwise.</p>
BlockInheritance	<p>Type: boolean</p> <p>True (1) if package allocations should not be inherited from the parent Organization, unless NoOverride is set for the Policy. NoOverride is set using MemberMode=2 (Always) on the Organization member in the Policy ACL group.</p>

Distribution Tables

The complete set of database tables documented here includes:

- DistributedPackage table (see [DistributedPackage Table](#))
- DistributionGroup table (see [DistributionGroup Table](#))
- DistributionGroupMember table (see [DistributionGroupMember Table](#))
- DistributionServer table (see [DistributionServer Table](#))
- DistributionServerStatus table (see [DistributionServerStatus Table](#))
- DistributionServerType table (see [DistributionServerType Table](#))

DistributedPackage Table

The `DistributedPackage` table stores the status (both of current and pending distributions) of package distributions to distribution servers and distribution locations.

Table 792: Database columns for `DistributedPackage` table

Database Column	Details
<code>DistributedPackageID</code>	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
<code>ServerUID</code>	<i>Type:</i> binary (max 16 bytes). Key The distribution server or distribution location related to the status record. This is a foreign key into the <code>DistributionServer</code> table.
<code>RequestedVersionID</code>	<i>Type:</i> integer. Key. Nullable The id for the <code>RequestedPackageVersion</code> .
<code>RequestState</code>	<i>Type:</i> text (max 16 characters). Nullable The state of a package that is pending distribution. The possible values are: <ul style="list-style-type: none"> • empty (literal string) • pending • removing If the <code>RequestState</code> field contains a value other than the literal string empty, the <code>RequestState</code> overrides the <code>ConfirmedState</code> of the package.
<code>RequestDate</code>	<i>Type:</i> datetime. Nullable The date and time at which the package distribution began. Only used for distributions currently in progress.

Database Column	Details
ConfirmedVersionID	<p>Type: integer. Key. Nullable</p> <p>The id for the Existing PackageVersion</p>
ConfirmedState	<p>Type: text (max 16 characters). Nullable</p> <p>The state of the package currently on the distribution server or distribution location. The possible values are:</p> <ul style="list-style-type: none"> • available • unavailable <p>If the RequestState field contains a value other than the literal string empty, then the RequestState overrides the ConfirmedState of the package.</p>
ConfirmedDate	<p>Type: datetime. Nullable</p> <p>The date and time that the current distribution status of a package was recorded.</p>
ConfirmedReason	<p>Type: text. Nullable</p> <p>The reason that package distribution failed. This is only specified in the case of a failure.</p>

DistributionGroup Table

All defined distribution groups are stored in the DistributionGroup table.

Table 793: Database columns for DistributionGroup table

Database Column	Details
GroupUID	<p>Type: binary (max 16 bytes). Key</p> <p>A unique identifier for this distribution group.</p>
GroupName	<p>Type: text (max 128 characters). Key</p> <p>The descriptive name assigned to this distribution group.</p>

DistributionGroupMember Table

Any distribution servers and distribution locations assigned to distribution groups are stored in the DistributionGroupMember table.

Table 794: Database columns for DistributionGroupMember table

Database Column	Details
GroupUID	<i>Type:</i> binary (max 16 bytes). Key A unique identifier for this distribution group. This UID is a foreign key to the GroupUID in the DistributionGroup table.
MemberID	<i>Type:</i> binary (max 16 bytes). Key A unique identifier for the distribution server or distribution location that is a member of this group. This UID is a foreign key to the ServerUID in the DistributionServer table.
MemberType	<i>Type:</i> integer An identifier for the type of this distribution group member. This identifier is a foreign key to the TargetTypeID in the DistributionServerType table.

DistributionServer Table

The `DistributionServer` table stores all of the distribution servers and distribution locations in the FlexNet Manager Suite distribution hierarchy.

Table 795: Database columns for DistributionServer table

Database Column	Details
ServerUID	<i>Type:</i> binary (max 16 bytes). Key A unique identifier for the distribution server or distribution location. The core distribution server has a value of all zeroes.
DNSName	<i>Type:</i> text (max 128 characters). Nullable DNS name of the server
ServerType	<i>Type:</i> small integer The server type. The possible values are: <ul style="list-style-type: none"> 0 for distribution location 1 for distribution server
ServerName	<i>Type:</i> text (max 64 characters) The name of the distribution server or distribution location.
PrimaryParentUID	<i>Type:</i> binary (max 16 bytes). Key. Nullable The parent of the distribution server or distribution location. For the core distribution server, the PrimaryParentUID is NULL.

Database Column	Details
ConfigState	<p>Type: text (max 20 characters). Nullable</p> <p>The state of configuration of the distribution server. This is only set for distribution servers (ServerType is 1). This can be one of the following values:</p> <ul style="list-style-type: none"> • configure • failed • pending • NULL
LastConfigStart	<p>Type: datetime. Nullable</p> <p>The date and time of the last configuration message sent to the distribution server. This is only set for distribution servers (ServerType is 1).</p>
LastConfigJobId	<p>Type: text (max 40 characters). Nullable</p> <p>The job identifier for the last configuration message sent to the distribution server. This is only set for distribution servers (ServerType is 1).</p>
ConfigFailReason	<p>Type: text. Nullable</p> <p>The reason for a configuration failure for the distribution server.</p>
PolicyQuarantined	<p>Type: boolean</p> <p>Boolean value indicating whether this distribution location is quarantined from receiving policy distributions.</p>
TenantID	<p>Type: small integer</p> <p>The Tenant ID this Distribution Server has been assigned to.</p>

DistributionServerStatus Table

The `DistributionServerStatus` table stores status information for the distribution servers in the FlexNet Manager Suite distribution hierarchy.

Table 796: Database columns for `DistributionServerStatus` table

Database Column	Details
ServerUID	<p>Type: binary (max 16 bytes). Key</p> <p>The distribution server related to the status record. This is a foreign key into the <code>DistributionServer</code> table.</p>
ReportedDate	<p>Type: datetime</p> <p>The date and time at which the distribution server last reported status information for this parameter.</p>

Database Column	Details
Type	<p><i>Type:</i> text (max 32 characters). Key</p> <p>The type of the status parameter reported. Currently supported types are 'job' for jobs on the distribution server and 'logs' for log files awaiting upload from the distribution server.</p>
Name	<p><i>Type:</i> text (max 64 characters). Key</p> <p>The name of the status parameter reported. This is an internal name for the parameter and is not intended for display.</p>
Count	<p><i>Type:</i> integer</p> <p>The count of items for this status parameter currently awaiting processing by this distribution server.</p>
DelayedCount	<p><i>Type:</i> integer</p> <p>The count of items for this status parameter that are older than a configurable time period that are currently awaiting processing by this distribution server. This will not necessarily have meaning for each status parameter.</p>

DistributionServerType Table

The available distribution server types are defined in the `DistributionServerType` table.

Table 797: Database columns for `DistributionServerType` table

Database Column	Details
DistributionServerTypeID	<p><i>Type:</i> integer. Key</p> <p>An identifier for this distribution server type.</p>
DistributionServerType Name	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The descriptive name assigned to this distribution server type.</p>

Installation Tables

The complete set of database tables documented here includes:

- Installation table (see [Installation Table](#))
- InstallationHistory table (see [InstallationHistory Table](#))
- Reason table (see [Reason Table](#))

Installation Table

The `Installation` table contains the latest installation status of each package for each user and computer. Success or failure of installations is recorded. When a package is uninstalled, its installation status record is removed from the table. When an installation is successful, the successful installation status record replaces any earlier failure status records. Once an installation is successful, the `Installation` table retains the successful installation status record even if there are subsequent failed installation attempts. If there have been any subsequent failed installations, the latest of these failure records is also be retained. For example, if an installation fails, and then succeeds on a subsequent attempt, only the successful status is recorded. If an installation succeeds, but a later installation attempt fails, then both the success and failure status records are stored. All other installations are added to the `InstallationHistory` table as new status information is generated.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 798: Database columns for `Installation` table

Database Column	Details
<code>ComputerID</code>	<p>Type: integer. Key</p> <p>The computer that the installation event occurred on. This is a foreign key into the <code>Computer</code> table.</p>
<code>UserID</code>	<p>Type: integer. Key</p> <p>The user associated with the installation event. This is a foreign key into the <code>User</code> table. If the <code>UserID</code> is 1 (system user), then the installation event occurred as part of computer policy. Otherwise, the installation event occurred as part of user policy.</p>
<code>PackageVersionID</code>	<p>Type: integer. Key</p> <p>Package version that was installed</p>
<code>OrganizationID</code>	<p>Type: integer. Key</p> <p>The organizational unit of the user or computer associated with the installation event. This is a foreign key into the <code>Organization</code> table. This column is included in the table for clustering purposes. The value of <code>OUID</code> could be determined by looking up the <code>User</code> or <code>Computer</code> table. If the <code>UserID</code> is 1 (system user), <code>OUID</code> represents the organizational unit of the computer that the installation event occurred on. Otherwise, it represents the organizational unit of the user associated with the installation event.</p>
<code>Action</code>	<p>Type: text (max 10 characters)</p> <p>The action performed on the package. This is currently set to “install”. In future, “upgrade”, “update” and “selfheal” may be added.</p>

Database Column	Details
Reported	<i>Type:</i> datetime. Nullable The date and time that the installation event occurred.
Received	<i>Type:</i> datetime. Nullable The date and time that the installation status event was received into the database.
FailReasonID	<i>Type:</i> integer. Nullable A reference to the reason for the installation failure. If the installation succeeded then this value is NULL.
Result	<i>Type:</i> text (max 16 characters). Nullable The result of the package installation. Possible values are success or failure.

InstallationHistory Table

The action performed on the package, normally “install” or “uninstall”. In the event that installation event logs were lost, entries may be reconstructed here from data in inventory (cache tracking). Such entries may be less reliable (in particular the recorded date will be the date of the inventory) and will have one of the following *Action* values:

- “inv insert”
- “inv delete”
- “inv update”



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 799: Database columns for InstallationHistory table

Database Column	Details
ComputerID	<i>Type:</i> integer. Key The computer that the installation event occurred on. This is a foreign key into the Computer table.
UserID	<i>Type:</i> integer. Key The user associated with the installation event. This is a foreign key into the User table. If the UserID is 1 then the installation event occurred as part of computer policy. Otherwise, the installation event occurred as part of user policy.
PackageVersionID	<i>Type:</i> integer. Key The id for the PackageVersion installed

Database Column	Details
Reported	<i>Type:</i> datetime. Key The date and time that the installation event occurred.
Action	<i>Type:</i> text (max 10 characters) The action performed on the package. This value can be either, install or uninstall.
Received	<i>Type:</i> datetime. Nullable The date and time that the installation status event was received into the database.
FailReasonID	<i>Type:</i> integer. Nullable A reference to the reason for the installation failure. If the installation succeeded then this value is NULL.
Result	<i>Type:</i> text (max 16 characters). Nullable The result of the package installation. Possible values are either success or failure.

Reason Table

Stores extended text uploaded from logs to describe operational failures.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 800: Database columns for Reason table

Database Column	Details
ReasonID	<i>Type:</i> integer. Key. Generated ID The ID for the Reason. This is automatically generated by SQL Server.
ReasonHash	<i>Type:</i> integer. Key The checksum of the ReasonText, calculated by SQL Server.
ReasonText	<i>Type:</i> text The Reason text.

Inventory Tables

The complete set of database tables documented here includes:

- ComputerResourceData table (see [ComputerResourceData Table](#))

- ComputerResourceHierarchySCD table (see [ComputerResourceHierarchySCD Table](#))
- ComputerResourceProcessorSCD table (see [ComputerResourceProcessorSCD Table](#))
- ComputerResourceType table (see [ComputerResourceType Table](#))
- ComputerResourceVMPoolType table (see [ComputerResourceVMPoolType Table](#))
- ComputerResourceVMType table (see [ComputerResourceVMType Table](#))
- ComputerResourceVirtualMachine table (see [ComputerResourceVirtualMachine Table](#))
- HardwareClass table (see [HardwareClass Table](#))
- HardwareObject table (see [HardwareObject Table](#))
- HardwareProperty table (see [HardwareProperty Table](#))
- HardwareValue table (see [HardwareValue Table](#))
- InventoryReport table (see [InventoryReport Table](#))
- ServiceComponent table (see [ServiceComponent Table](#))
- ServiceProvider table (see [ServiceProvider Table](#))
- ServiceProviderApplicationOracle table (see [ServiceProviderApplicationOracle Table](#))
- ServiceProviderApplicationUsagePerMonth table (see [ServiceProviderApplicationUsagePerMonth Table](#))
- ServiceProviderApplicationUsageType table (see [ServiceProviderApplicationUsageType Table](#))
- ServiceProviderApplicationUserOracle table (see [ServiceProviderApplicationUserOracle Table](#))
- ServiceProviderComponent table (see [ServiceProviderComponent Table](#))
- ServiceProviderComponentProperty table (see [ServiceProviderComponentProperty Table](#))
- ServiceProviderComponentValue table (see [ServiceProviderComponentValue Table](#))
- ServiceProviderName table (see [ServiceProviderName Table](#))
- ServiceProviderProperty table (see [ServiceProviderProperty Table](#))
- ServiceProviderType table (see [ServiceProviderType Table](#))
- ServiceProviderValue table (see [ServiceProviderValue Table](#))
- ServiceUser table (see [ServiceUser Table](#))
- ServiceUserOracle table (see [ServiceUserOracle Table](#))
- SoftwareDetails table (see [SoftwareDetails Table](#))
- SoftwareFile table (see [SoftwareFile Table](#))
- SoftwareFileName table (see [SoftwareFileName Table](#))
- SoftwareFilePath table (see [SoftwareFilePath Table](#))

- SoftwareIsoTagEntity table (see [SoftwareIsoTagEntity Table](#))
- SoftwareIsoTagFile table (see [SoftwareIsoTagFile Table](#))
- SoftwareIsoTagSoftwareVersion table (see [SoftwareIsoTagSoftwareVersion Table](#))
- SoftwareIsoTagUnique table (see [SoftwareIsoTagUnique Table](#))
- SoftwareOccurrence table (see [SoftwareOccurrence Table](#))
- SoftwareOccurrenceSoftwareIsoTagFile table (see [SoftwareOccurrenceSoftwareIsoTagFile Table](#))
- SoftwareProperty table (see [SoftwareProperty Table](#))
- SoftwareValue table (see [SoftwareValue Table](#))
- SoftwareVersion table (see [SoftwareVersion Table](#))
- VirtualDesktopAccess table (see [VirtualDesktopAccess Table](#))
- VirtualDesktopApplicationUsage table (see [VirtualDesktopApplicationUsage Table](#))
- VirtualDesktopGroupAccess table (see [VirtualDesktopGroupAccess Table](#))
- VirtualDesktopGroupAccessScan table (see [VirtualDesktopGroupAccessScan Table](#))

ComputerResourceData Table

ComputerResourceData stores information about computer resources used in the enterprise.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 801: Database columns for ComputerResourceData table

Database Column	Details
ComputerResourceID	<i>Type:</i> integer. Key. Generated ID A unique identifier for a ComputerResourceData.
ComputerResourceTypeID	<i>Type:</i> integer. Key The type of resource. Foreign key to the ComputerResourceType table.
ComputerUID	<i>Type:</i> unique identifier. Key. Nullable The computer resource's UUID, in the byte order reported in inventory. Foreign key to the Computer table.
ComputerResourceVMPoolTypeID	<i>Type:</i> integer. Nullable If this resource is a resource pool, this specifies the type of pool. Foreign key to the ComputerResourceVMPoolType table.

Database Column	Details
ComputerResourceVMTypeID	Type: integer. Key. Nullable If this resource is a virtual machine, this specifies the type of virtual machine or partition. Foreign key to the ComputerResourceVMType table.
NormalizedSerialNo	Type: text (max 100 characters). Key. Nullable The serial number of the resource in a normalized format.
Name	Type: text (max 256 characters). Nullable The name of the resource.
Manufacturer	Type: text (max 128 characters). Key. Nullable The manufacturer of the resource.
ModelNo	Type: text (max 128 characters). Key. Nullable The model number of the resource.
SerialNo	Type: text (max 100 characters). Key. Nullable The serial number of the resource.
IsFabricatedHost	Type: boolean Is the host generated from the virtual machine inventory.
LastUpdated	Type: datetime. Nullable The last time this computer resource was updated.

ComputerResourceHierarchySCD Table

ComputerResourceHierarchySCD is a table defining relationships between computer resources



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 802: Database columns for ComputerResourceHierarchySCD table

Database Column	Details
ComputerResourceID	Type: integer. Key The guest resource in the relationship. Foreign key to the ComputerResourceData table.

Database Column	Details
HostComputerResourceID	<p>Type: integer. Key</p> <p>The host resource in the relationship. For an unhosted computer and for a host computer this value will be identical to the ComputerResourceID value. Foreign key to the ComputerResourceData table.</p>
ParentComputerResourceID	<p>Type: integer. Key. Nullable</p> <p>The direct parent of the guest resource (which might be, for example, a resource pool). Is NULL when the guest resource has no parents within the hierarchy. Foreign key to the ComputerResourceData table.</p>
ValidFrom	<p>Type: datetime. Key</p> <p>Date from which this relationship record became valid.</p>
ValidTo	<p>Type: datetime. Key</p> <p>Date this hierarchy was valid to, or 9999-12-31T23:59:59.997 if it is currently valid. (This string is used to represent an indefinite future.)</p>

ComputerResourceProcessorSCD Table

ComputerResourceProcessorSCD is a table listing processor specifications for a particular computer resource.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 803: Database columns for ComputerResourceProcessorSCD table

Database Column	Details
ComputerResourceID	<p>Type: integer. Key</p> <p>The resource to which the processor specification applies. Foreign key to the ComputerResourceData table.</p>
NumberOfProcessors	<p>Type: decimal. Nullable</p> <p>The number of processors in the resource.</p>
NumberOfCores	<p>Type: decimal. Nullable</p> <p>The number of cores in the resource.</p>
NumberOfLogicalProcessors	<p>Type: integer. Nullable</p> <p>The number of logical processors in the resource. A logical processor is a processor thread.</p>

Database Column	Details
PartialNumberOfProcessors	<i>Type:</i> decimal. Nullable The fractional processor count available to this computer.
ProcessorType	<i>Type:</i> text (max 256 characters). Nullable The type of processor in the resource.
MaxClockSpeed	<i>Type:</i> integer. Nullable The maximum clock speed (in megahertz) of the fastest processor in the resource.
ValidFrom	<i>Type:</i> datetime. Key Date from which these properties became valid.
ValidTo	<i>Type:</i> datetime. Key Date these properties were valid to, or 9999-12-31T23:59:59.997 if they are currently valid.

ComputerResourceType Table

ComputerResourceType is a static table listing all possible computer resource types.

Table 804: Database columns for ComputerResourceType table

Database Column	Details
ComputerResourceTypeID	<i>Type:</i> integer. Key. Generated ID A unique identifier for each ComputerResourceType. Possible values and the corresponding default strings are: <ul style="list-style-type: none"> • 1 = Host • 2 = Resource pool • 3 = Virtual machine • 4 = Physical machine that is not a virtual host of any kind.
Name	<i>Type:</i> text (max 256 characters). Key The unique name of the localizable resource string representing a resource type.
DefaultValue	<i>Type:</i> text (max 128 characters) The text to display if the resource type resource string has no translation.

ComputerResourceVMPoolType Table

VMPoolType is a static table listing the possible types of a virtual machine pool.

Table 805: Database columns for ComputerResourceVMPoolType table

Database Column	Details
ComputerResourceVMPoolTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for a VMPoolType. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = Folder • 2 = Data Center • 3 = Compute Resource • 4 = Host System • 5 = Resource Pool • 6 = Virtual Machine • 7 = Physical Shared Pool • 8 = Virtual Shared Pool • 9 = LPAR • 10 = RSET • 11 = Cluster Compute Resource. • 12 = PSET
VCTypeID	<p><i>Type:</i> text (max 32 characters)</p> <p>The type of the virtual machine folder in VMware Virtual Center.</p>
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a pool type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the pool type resource string has no translation.</p>

ComputerResourceVMType Table

VMType is a static table listing the possible types of virtual machine or partition.

Table 806: Database columns for ComputerResourceVMType table

Database Column	Details
ComputerResourceVMTypeID	<p><i>Type:</i> integer. Key. Generated ID</p> <p>A unique identifier for a VMType. Possible values and the corresponding default names are:</p> <ul style="list-style-type: none"> • 1 = VMware • 2 = Hyper-V • 3 = LPAR • 4 = WPAR • 5 = nPar • 6 = vPar • 7 = SRP • 8 = Zone • 9 = Unknown • 10 = Oracle VM • 11 = AWS EC2 • 12 = Linux KVM.
ResourceName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The unique name of the localizable resource string representing a virtual machine or partition type. Foreign key to the ComplianceResourceString table.</p>
DefaultValue	<p><i>Type:</i> text (max 100 characters)</p> <p>The text to display if the type resource string has no translation.</p>

ComputerResourceVirtualMachine Table

ComputerResourceVirtualMachine is a table containing the type and normalized UUID of virtual machines and the host they are currently known to be on. The normalized UUID is the virtual machine UUID with hyphen and white space characters removed.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 807: Database columns for ComputerResourceVirtualMachine table

Database Column	Details
ComputerResourceID	Type: integer. Key The host the virtual machine is currently known to be on. Foreign key to the ComputerResourceData table.
ComputerResourceVMTypeID	Type: integer. Key Type of virtual machine or partition. Foreign key to the ComputerResourceVMType table.
NormalizedUUID	Type: text (max 100 characters). Key The normalized UUID of the virtual machine.

HardwareClass Table

HardwareClass contains a record for every class of hardware object found during hardware inventories, including mainly the WMI classes

Table 808: Database columns for HardwareClass table

Database Column	Details
HardwareClassID	Type: integer. Key. Generated ID Auto-generated identity number
Class	Type: text (max 256 characters). Key Hardware Class name
SuperClassID	Type: integer. Key. Nullable Reference to superclass, if any (and known)

HardwareObject Table

The HardwareObject table entries describe a specific configuration item (usually a piece of physical hardware) associated with a computer. The information is represented in the database as Windows Management Instrumentation (WMI) classes.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 809: Database columns for HardwareObject table

Database Column	Details
HardwareObjectID	Type: integer. Key. Generated ID Auto-generated identity number
ComputerID	Type: integer. Key The computer on which the hardware was found. It is a foreign key into the Computer table.
HardwareName	Type: text (max 256 characters). Key The hardware name as reported by the system.
Occurrence	Type: integer. Key The distinguishing identifier for the hardware. For example, if a computer has more than one memory card with the same Class and HardwareName, each memory card is assigned an Occurrence value (0, 1, 2...).
HardwareClassID	Type: integer. Key The id for the HardwareClass of the object.

HardwareProperty Table

The HardwareProperty table provides property names and values for each hardware object. The information is represented in the database as Windows Management Instrumentation (WMI) properties.

Table 810: Database columns for HardwareProperty table

Database Column	Details
HardwarePropertyID	Type: integer. Key. Generated ID Auto-generated identity number
Property	Type: text (max 256 characters). Key The hardware property. A single hardware object can have many properties.

HardwareValue Table

The value of a specified HardwareProperty of the specified HardwareObject.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 811: Database columns for HardwareValue table

Database Column	Details
HardwareObjectID	Type: integer. Key Object.
HardwarePropertyID	Type: integer. Key Property.
Value	Type: text. Nullable Property value.

InventoryReport Table

The InventoryReport table contains a record of every user and computer that has reported hardware or software inventory. It details the date and time when the hardware or software tracking was performed.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 812: Database columns for InventoryReport table

Database Column	Details
ComputerID	Type: integer. Key The computer that the inventory was tracked on. This is a foreign key into the Computer table.
UserID	Type: integer. Key The user for whom inventory was tracked. For computer inventory, the UserID is 1 (system user). This is a foreign key into the User table.
SWDate	Type: datetime. Nullable The time software was tracked, or is NULL if no tracking is recorded.
HWDate	Type: datetime. Nullable The time hardware was tracked, or is NULL if no tracking is recorded.
FilesDate	Type: datetime. Nullable The time files were tracked, or is NULL if no tracking is recorded.
ServicesDate	Type: datetime. Nullable The time Oracle services were tracked, or is NULL if no tracking is recorded.

Database Column	Details
VMwareServicesDate	<i>Type:</i> datetime. Nullable The time VMware services were tracked, or is NULL if no tracking is recorded.
SequenceNumber	<i>Type:</i> integer. Nullable Used when generating a differential inventory.
OVMMDate	<i>Type:</i> datetime. Nullable The time Oracle VM manager was interrogated, or is NULL if no interrogation is recorded.
AccessDate	<i>Type:</i> datetime. Nullable Access time information was tracked, or is NULL if no tracking is recorded.
AgentVersion	<i>Type:</i> text (max 32 characters). Nullable The version of the agent which generated the inventory package.

ServiceComponent Table

A software component installed to implement a `ServiceProvider`.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database `TenantID` has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 813: Database columns for ServiceComponent table

Database Column	Details
ServiceComponentID	<i>Type:</i> integer. Key. Generated ID Unique ID for the service component.
Name	<i>Type:</i> text (max 128 characters). Key The name of the service component.
Version	<i>Type:</i> text (max 32 characters). Key The version of the service component.
Publisher	<i>Type:</i> text (max 128 characters). Key The publisher of the service component.
Edition	<i>Type:</i> text (max 128 characters). Key The edition of the service component.

ServiceProvider Table

The inventoried providers of services.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 814: Database columns for ServiceProvider table

Database Column	Details
ServiceProviderID	Type: integer. Key. Generated ID Unique ID for the service provider.
ComputerID	Type: integer. Key The Computer this service provider is hosted by.
ParentServiceProviderID	Type: integer. Key. Nullable The ServiceProvider this provider is parented by.
EnterpriseManager ServiceProviderID	Type: integer. Key. Nullable The ServiceProvider of the OEM instance that manages this provider.
ServiceProviderTypeID	Type: integer. Key The ServiceProviderType of the service provider.
ServiceProviderNameID	Type: integer. Key The ServiceProviderName of the service provider.
LastInventoryDate	Type: datetime The date and time that the service provider was last inventoried.
LastInventoryResult	Type: integer. Nullable The error code returned when the service provider was last inventoried.
LastInventoryError	Type: text (max 256 characters). Nullable The error message returned when the service provider was last inventoried.
CreationDate	Type: datetime. Nullable The date and time that the service provider was created.
AuditEvidence	Type: binary. Nullable The Oracle LMS audit evidence in zip archive.

ServiceProviderApplicationOracle Table

An Oracle application.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 815: Database columns for ServiceProviderApplicationOracle table

Database Column	Details
ServiceProvider ApplicationOracleID	Type: integer. Key. Generated ID Unique ID for the Oracle application.
ServiceProviderID	Type: integer. Key Unique ID for the service provider.
Name	Type: text (max 240 characters). Key The application name.
Users	Type: integer The number of users.
ApplicationID	Type: integer. Key The ID of the application as assigned by Oracle.

ServiceProviderApplicationUsagePerMonth Table

A count of oracle application usage items per month.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 816: Database columns for ServiceProviderApplicationUsagePerMonth table

Database Column	Details
ServiceProvider ApplicationUsagePer MonthID	Type: integer. Key. Generated ID Unique ID for the Oracle per month summary count.
ServiceProviderID	Type: integer. Key Unique ID for the service provider.

Database Column	Details
ServiceProvider	Type: integer. Key
ApplicationUsageTypeID	The ServiceProviderApplicationUsageType of the service provider application usage.
YearMonth	Type: datetime. Key The year and month of the count.
ItemsUsed	Type: integer The number of items used.

ServiceProviderApplicationUsageType Table

The types of inventoried ServiceProviderApplicationUsagePerMonth items.

Table 817: Database columns for ServiceProviderApplicationUsageType table

Database Column	Details
ServiceProvider	Type: integer. Key. Generated ID
ApplicationUsageTypeID	Unique ID for the service provider application usage item type.
Type	Type: text (max 128 characters). Key The type of a service provider application usage item.

ServiceProviderApplicationUserOracle Table

An Oracle applications User.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 818: Database columns for ServiceProviderApplicationUserOracle table

Database Column	Details
ServiceProvider	Type: integer. Key. Generated ID
ApplicationUserOracleID	Unique ID for the Oracle application user.
ServiceProvider	Type: integer. Key
ApplicationOracleID	The application this user is associated with.

Database Column	Details
UserID	Type: integer. Key The application users user ID.
UserName	Type: text (max 100 characters) The application users user name.
Description	Type: text (max 240 characters). Nullable The application users description.
EMail	Type: text (max 240 characters). Nullable The application users email address.

ServiceProviderComponent Table

A software component installed to implement a ServiceProvider.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 819: Database columns for ServiceProviderComponent table

Database Column	Details
ServiceProviderID	Type: integer. Key The ServiceProvider this component is associated with.
ServiceComponentID	Type: integer. Key The ServiceComponent this provider is associated with.

ServiceProviderComponentProperty Table

The ServiceProviderComponentProperty table provides property names and values for each service component on a provider.

Table 820: Database columns for ServiceProviderComponentProperty table

Database Column	Details
ServiceProvider	Type: integer. Key. Generated ID
ComponentPropertyID	Auto-generated identity number

Database Column	Details
Property	Type: text (max 256 characters). Key The service component property. A single service component on a provider can have many properties.

ServiceProviderComponentValue Table

The value of a specified ServiceProviderComponentProperty of the specified ServiceProviderComponent.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 821: Database columns for ServiceProviderComponentValue table

Database Column	Details
ServiceProviderID	Type: integer. Key Service provider.
ServiceComponentID	Type: integer. Key Service component.
ServiceProvider ComponentPropertyID	Type: integer. Key Property.
Value	Type: text (max 256 characters). Nullable Property value.

ServiceProviderName Table

The names of inventoried ServiceProviders.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 822: Database columns for ServiceProviderName table

Database Column	Details
ServiceProviderNameID	Type: integer. Key. Generated ID Unique ID for the service provider name.

Database Column	Details
Name	<i>Type:</i> text (max 128 characters). Key The name of a service provider.

ServiceProviderProperty Table

The ServiceProviderProperty table provides property names and values for each service provider.

Table 823: Database columns for ServiceProviderProperty table

Database Column	Details
ServiceProviderPropertyID	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
Property	<i>Type:</i> text (max 256 characters). Key The service provider property. A single service provider can have many properties.

ServiceProviderType Table

The types of inventoried ServiceProviders.

Table 824: Database columns for ServiceProviderType table

Database Column	Details
ServiceProviderTypeID	<i>Type:</i> integer. Key. Generated ID Unique ID for the service provider type.
Type	<i>Type:</i> text (max 128 characters). Key The type of a service provider.

ServiceProviderValue Table

The value of a specified ServiceProviderProperty of the specified ServiceProvider.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 825: Database columns for ServiceProviderValue table

Database Column	Details
ServiceProviderID	Type: integer. Key Service provider.
ServiceProviderPropertyID	Type: integer. Key Property.
Value	Type: text (max 256 characters). Nullable Property value.

ServiceUser Table

A user that uses a ServiceProvider.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 826: Database columns for ServiceUser table

Database Column	Details
ServiceUserID	Type: integer. Key. Generated ID Unique ID for the service user.
ServiceProviderID	Type: integer. Key The ServiceProvider this user is associated with.
Name	Type: text (max 128 characters). Key The name of the service user.
Description	Type: text (max 256 characters). Nullable A textual description of the service user.
AccountStatus	Type: text (max 256 characters). Nullable Current status of user account.
CreationDate	Type: datetime. Nullable Date and time when user was created.
LastLogonDate	Type: datetime. Nullable Date and time when user last logged on.

ServiceUserOracle Table

A specific kind of ServiceUser, specifically an Oracle user.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 827: Database columns for ServiceUserOracle table

Database Column	Details
ServiceUserOracleID	Type: integer. Key. Generated ID Unique ID for the Oracle service user.
ServiceUserID	Type: integer. Key The service user this user is associated with.
DefaultTablespace	Type: text (max 256 characters). Nullable The default tablespace for the user.
TempTablespace	Type: text (max 256 characters). Nullable The temporary tablespace for the user.

SoftwareDetails Table

The SoftwareDetails table contains a record of detailed data for each SoftwareOccurrence found.

Table 828: Database columns for SoftwareDetails table

Database Column	Details
SoftwareDetailsID	Type: integer. Key. Generated ID The id for the software details. This is automatically generated by SQL Server.
RawSoftwareName	Type: text (max 128 characters). Key The name of the software defined by the vendor, unprocessed by FlexNet Manager Suite.
RawVersion	Type: text (max 32 characters). Key The version of the software defined by the vendor, unprocessed by FlexNet Manager Suite.
Publisher	Type: text (max 256 characters). Key The publisher of the software defined by the vendor.

Database Column	Details
ProductID	Type: text (max 256 characters). Key The MSI product ID of the software defined by the vendor.

SoftwareFile Table

The SoftwareFile table contains a record for each file associated with an application on each computer. File tracking is not enabled by default. For more information on configuring which files to track, see the section about the Inventory Agent.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 829: Database columns for SoftwareFile table

Database Column	Details
SoftwareFileID	Type: big integer. Key. Generated ID The id for the software file. This is automatically generated by SQL Server.
ComputerID	Type: integer. Key The computer on which the file was tracked. This is a foreign key into the Computer table.
SoftwareID	Type: integer. Key. Nullable The software containing the file that was tracked. This is a foreign key into the SoftwareVersion table.
SoftwareIsoTagFileID	Type: integer. Key. Nullable The software ID tag content of the file. This is a foreign key into the SoftwareIsoTagFile table.
Version	Type: text (max 32 characters). Nullable The version of the software file defined by the vendor.
MD5	Type: text (max 32 characters) The file's MD5 digest.
Size	Type: integer The file's size in bytes.
DateTime	Type: datetime. Nullable The last date and time the file was modified on the computer.

Database Column	Details
FileVersion	<i>Type:</i> text (max 256 characters). Nullable The file version of the software file defined by the vendor.
FileDescription	<i>Type:</i> text (max 256 characters). Nullable The file description of the software file defined by the vendor.
Language	<i>Type:</i> text (max 256 characters). Nullable The language of the software file defined by the vendor.
CompanyName	<i>Type:</i> text (max 256 characters). Nullable The company name of the software file defined by the vendor.
SoftwareFilePathID	<i>Type:</i> integer. Key. Nullable The full path to the file that was tracked, minus the filename. This is a foreign key into the SoftwareFilePath table.
SoftwareFileNameID	<i>Type:</i> integer. Key. Nullable The name of the file that was tracked, minus the path. This is a foreign key into the SoftwareFileName table.

SoftwareFileName Table

The SoftwareFileName table contains a record for each unique file name for files captured in inventory.

Table 830: Database columns for SoftwareFileName table

Database Column	Details
SoftwareFileNameID	<i>Type:</i> integer. Key. Generated ID The id for the software file name. This is automatically generated by SQL Server.
Name	<i>Type:</i> text (max 400 characters). Key The name of a file captured in inventory, minus the path.
CreationDate	<i>Type:</i> datetime. Key The creation date of the SoftwareFileName which will be used to cleanup the older unused records.

SoftwareFilePath Table

The SoftwareFilePath table contains a record for each unique file path for files captured in inventory.

Table 831: Database columns for SoftwareFilePath table

Database Column	Details
SoftwareFilePathID	Type: integer. Key. Generated ID The id for the software file path. This is automatically generated by SQL Server.
Path	Type: text (max 400 characters). Key The full path to a file captured in inventory, minus the filename.
CreationDate	Type: datetime. Key The creation date of the SoftwareFilePath which will be used to cleanup the older unused records.

SoftwareIsoTagEntity Table

The SoftwareIsoTagEntity table provides property names and values for each unique entities on software ID tags.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 832: Database columns for SoftwareIsoTagEntity table

Database Column	Details
SoftwareIsoTagEntityID	Type: integer. Key. Generated ID The SoftwareIsoTagEntity table unique ID for each records.
RegID	Type: text (max 200 characters). Key The unique registration ID value of an entity in an software ID tag.
Name	Type: text (max 200 characters). Key The entity name value in a software ID tag.

SoftwareIsoTagFile Table

The SoftwareIsoTagFile table provides property names and values for each Software ID Tag in a normalized manner.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 833: Database columns for SoftwareIsoTagFile table

Database Column	Details
SoftwareIsoTagFileID	<i>Type:</i> integer. Key. Generated ID The SoftwareIsoTagFile that this property belongs to
MD5	<i>Type:</i> text (max 32 characters). Key The MD5 property value of software ID tag file.
TagContent	<i>Type:</i> text The actual content of the software id tag file.
EntitlementRequired Indicator	<i>Type:</i> boolean. Nullable The entitlement required indicator value of the software ID tag.
SoftwareIsoTagSoftware VersionID	<i>Type:</i> integer. Key. Nullable The product version and name identifier for this software. This is a foreign key into the SoftwareIsoTagSoftwareVersion table.
SoftwareCreatorEntityID	<i>Type:</i> integer. Key. Nullable The software creator related data for software ID tag. This is a foreign key into the SoftwareIsoTagEntity table.
SoftwareLicensorEntityID	<i>Type:</i> integer. Key. Nullable The software licensor related data for software ID tag. This is a foreign key into the SoftwareIsoTagEntity table.
TagCreatorEntityID	<i>Type:</i> integer. Key. Nullable The tag creator related data for software ID tag. This is a foreign key into the SoftwareIsoTagEntity table.
OriginalArpGuid	<i>Type:</i> text (max 200 characters). Nullable The original GUID of add-remove programs values of a repackaged software.
OriginalArpPublisher	<i>Type:</i> text (max 200 characters). Nullable The original publisher of add-remove programs values of a repackaged software.
OriginalArpDisplayName	<i>Type:</i> text (max 200 characters). Nullable The original display name of add-remove programs values of a repackaged software.
OriginalArpDisplayVersion	<i>Type:</i> text (max 200 characters). Nullable The original display version of add-remove programs values of a repackaged software.
CurrentArpGuid	<i>Type:</i> text (max 200 characters). Nullable The current GUID of add-remove programs values of a repackaged software.

Database Column	Details
CurrentArpPublisher	<i>Type:</i> text (max 200 characters). Nullable The current publisher of add-remove programs values of a repackaged software.
CurrentArpDisplayName	<i>Type:</i> text (max 200 characters). Nullable The current display name of add-remove programs values of a repackaged software.
CurrentArpDisplayVersion	<i>Type:</i> text (max 200 characters). Nullable The current display version of add-remove programs values of a repackaged software.
AdminStudioAppCatalogID	<i>Type:</i> text (max 200 characters). Nullable Application catalog ID of a repackaged application in AdminStudio.
IsValidSchema	<i>Type:</i> boolean. Nullable Whether the software id tag has valid schema.
IsValidSignature	<i>Type:</i> boolean. Nullable Whether the software id tag has valid digital signature.
ActivationStatus	<i>Type:</i> text (max 50 characters). Nullable The activation status value of software ID tag.
ChannelType	<i>Type:</i> text (max 200 characters). Nullable The channel type value of software ID tag.
SerialNumber	<i>Type:</i> text (max 200 characters). Nullable The serial number value of software ID tag.
ParseErrorMessage	<i>Type:</i> text (max 1000 characters). Nullable The message of the error occurred while reading the software iso tag file.

SoftwareIsoTagSoftwareVersion Table

The SoftwareIsoTagSoftwareVersion table provides property names and values for each software ID tag unique product related data.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 834: Database columns for SoftwareIsoTagSoftwareVersion table

Database Column	Details
SoftwareIsoTagSoftwareVersionID	<i>Type:</i> integer. Key. Generated ID The SoftwareIsoTagSoftwareVersion table unique ID for each records.
TagCreatorEntityID	<i>Type:</i> integer. Key The tag creator related data for software ID tag. This is a foreign key into the SoftwareIsoTagEntity table.
TagSoftwareUniqueID	<i>Type:</i> integer. Key. Nullable The software unique ID related data for software ID tag. This is a foreign key into the SoftwareIsoTagUnique table.
ProductTitle	<i>Type:</i> text (max 200 characters). Key The product title value for software ID tag.
ProductVersionName	<i>Type:</i> text (max 200 characters). Key The product version name value for software ID tag.
ProductVersionMajor	<i>Type:</i> integer. Key The major version value of software ID tag.
ProductVersionMinor	<i>Type:</i> integer. Key The minor version value of software ID tag.
ProductVersionBuild	<i>Type:</i> integer. Key The build version value of software ID tag.
ProductVersionReview	<i>Type:</i> integer. Key The review version value of software ID tag.

SoftwareIsoTagUnique Table

The SoftwareIsoTagUnique table provides property names and values for each unique id on software ID tags.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 835: Database columns for SoftwareIsoTagUnique table

Database Column	Details
SoftwareIsoTagUniqueID	<i>Type:</i> integer. Key. Generated ID The SoftwareIsoTagUniqueID table unique ID for each records.

Database Column	Details
UniqueID	Type: text (max 200 characters). Key The unique ID value of a software ID tag.

SoftwareOccurrence Table

The SoftwareOccurrence table contains the list (by computer and user) of applications that are installed. The applications may not have been installed through FlexNet Manager Suite. The information is obtained from managed devices from:

- FlexNet Manager Suite packages cache
- Add/Remove Programs registry entries
- Microsoft Installer
- ProductVersion resource strings in program files, if files are tracked



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 836: Database columns for SoftwareOccurrence table

Database Column	Details
SoftwareOccurrenceID	Type: integer. Key. Generated ID The id for the software occurrence. This is automatically generated by SQL Server.
ComputerID	Type: integer. Key The computer on which the software was tracked. For user inventory, this is the computer that the user was logged on to at the time of the Generate Inventory event. This is a foreign key into the Computer table.
UserID	Type: integer. Key User for whom the SoftwareVersion was installed. This is a foreign key to the User table.
SoftwareID	Type: integer. Key The software that has been tracked. This is a foreign key to the SoftwareVersion table.
SoftwareDetailsID	Type: integer. Key The details that have been tracked. This is a foreign key to the SoftwareDetails table.

Database Column	Details
Evidence	<p>Type: text (max 32 characters). Nullable</p> <p>An indication of how the software was determined to be on the managed device. The valid entries are:</p> <ul style="list-style-type: none"> • msi • managesoft • uninstall • exehdr (for file tracking only) • dllhdr (for file tracking only)
PackagePathID	<p>Type: integer. Key. Nullable</p> <p>FlexNet Manager Suite PackageFullName if known (not always!).</p>
PolicyGUID	<p>Type: binary (max 16 bytes). Nullable</p> <p>FlexNet Manager Suite Policy GUID if known.</p>
InstallationDate	<p>Type: datetime. Nullable</p> <p>The date and time that the software was installed.</p>

SoftwareOccurrenceSoftwareIsoTagFile Table

The SoftwareOccurrenceSoftwareIsoTagFile table is link table joining records in SoftwareOccurrence and SoftwareIsoTagFile tables.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 837: Database columns for SoftwareOccurrenceSoftwareIsoTagFile table

Database Column	Details
SoftwareOccurrence SoftwareIsoTagFileID	<p>Type: integer. Key. Generated ID</p> <p>The SoftwareOccurrenceSoftwareIsoTagFile table unique ID for each records.</p>
SoftwareOccurrenceID	<p>Type: integer. Key</p> <p>This is a foreign key into the SoftwareOccurrence table.</p>

Database Column	Details
SoftwareIsoTagFileID	Type: integer. Key This is a foreign key into the SoftwareIsoTagFile table.

SoftwareProperty Table

The SoftwareProperty table contains a record for each unique property name captured in inventory.

Table 838: Database columns for SoftwareProperty table

Database Column	Details
SoftwarePropertyID	Type: integer. Key. Generated ID The id for the software property. This is automatically generated by SQL Server.
Property	Type: text (max 256 characters). Key The software property. A single software object can have many properties.

SoftwareValue Table

The value of a specified SoftwareProperty of the specified SoftwareOccurrence.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 839: Database columns for SoftwareValue table

Database Column	Details
SoftwareOccurrenceID	Type: integer. Key Object.
SoftwarePropertyID	Type: integer. Key Property.
Value	Type: text (max 256 characters). Nullable Property value.

SoftwareVersion Table

The SoftwareVersion table contains a record for each software name/version combination returned through inventory. The software names and versions are gathered from places such as Add/Remove Programs on managed

devices. They do not represent package names and versions from the software library, although correlation is likely.

Table 840: Database columns for SoftwareVersion table

Database Column	Details
SoftwareID	<i>Type:</i> integer. Key. Generated ID The id for the software version. This is automatically generated by SQL Server.
SoftwareName	<i>Type:</i> text (max 128 characters). Key The name of the software defined by the vendor.
Version	<i>Type:</i> text (max 32 characters). Key The version of the software defined by the vendor.
CreationDate	<i>Type:</i> datetime. Key The creation date of the SoftwareVersion which will be used to cleanup the older unused records.

VirtualDesktopAccess Table

A VDI device a User has accessed on an end-point.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 841: Database columns for VirtualDesktopAccess table

Database Column	Details
ComputerID	<i>Type:</i> integer. Key The end-point ComputerID. This is a foreign key into the Computer table.
UserID	<i>Type:</i> integer. Key The ID for the user accessing the VDI device. This is a foreign key into the User table.
MachineName	<i>Type:</i> text (max 64 characters). Key Computer name of the VDI device.
MachineDomain	<i>Type:</i> text (max 256 characters). Key. Nullable Fully qualified domain of the VDI device.
VDITemplateName	<i>Type:</i> text (max 256 characters). Key The template from which the VDI device was cloned.

Database Column	Details
Type	Type: text (max 64 characters). Key The type of VDI.
LogonTime	Type: datetime. Key The time the user logged on to the VDI device.
VirtualDesktopAccessID	Type: integer. Key. Generated ID The ID of the user session to the VDI device.

VirtualDesktopApplicationUsage Table

A virtualized application is used from VDI.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 842: Database columns for VirtualDesktopApplicationUsage table

Database Column	Details
VirtualDesktopApplicationUsageID	Type: integer. Key. Generated ID The ID of the application usage record.
VirtualDesktopAccessID	Type: integer. Key The ID of the corresponding VDI access record. This is a foreign key into the VirtualDesktopAccess table.
Name	Type: text (max 64 characters). Key The display name of the virtual application.
Version	Type: text (max 16 characters). Key The version of the virtual application.
PackageGUID	Type: unique identifier. Key The GUID of the package that the virtual application is associated with.
LastLaunchOnSystem	Type: datetime The last date and time that the virtual application was launched.
AccessMode	Type: text (max 100 characters). Key The access mode for the application.

VirtualDesktopGroupAccess Table

A user with access to a particular VDI Group for a given site.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 843: Database columns for VirtualDesktopGroupAccess table

Database Column	Details
VDISiteName	Type: text (max 256 characters). Key the VDI Site.
VDIGroupName	Type: text (max 256 characters). Key The name of the VDI Group.
Sid	Type: text (max 512 characters). Key. Nullable The Sid of the user.
VDIBrokerType	Type: text (max 64 characters). Key The type of VDI infrastructure.

VirtualDesktopGroupAccessScan Table

The last scan time of the VDI to retrieve ACL information



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 844: Database columns for VirtualDesktopGroupAccessScan table

Database Column	Details
VDIBrokerType	Type: text (max 64 characters). Key The type of VDI.
VDISiteName	Type: text (max 256 characters). Key The VDI Site.
ScanTime	Type: datetime The VDI Site.

Licensing Tables

The complete set of database tables documented here includes:

- LicenseAllocation table (see [LicenseAllocation Table](#))
- LicenseModel table (see [LicenseModel Table](#))
- LicensePurchase table (see [LicensePurchase Table](#))
- ProductContainsSoftware table (see [ProductContainsSoftware Table](#))
- SoftwareProduct table (see [SoftwareProduct Table](#))
- SoftwarePublisher table (see [SoftwarePublisher Table](#))
- SoftwareReseller table (see [SoftwareReseller Table](#))

LicenseAllocation Table

The LicenseAllocation table specifies the allocation of licenses for each organizational unit. The same licensable product definition (from SoftwareProduct) may have license allocations for more than one organizational unit.

Table 845: Database columns for LicenseAllocation table

Database Column	Details
AllocationID	<i>Type:</i> integer. Key. Generated ID Unique identifier for the license allocation record. This is automatically generated by SQL Server.
SoftwareProductID	<i>Type:</i> integer. Key The license that maps to an application. This is a foreign key into the SoftwareProduct table.
OrganizationID	<i>Type:</i> integer. Key Id of the organizational unit to which the software is allocated.
UnitsAllocated	<i>Type:</i> integer. Nullable The number of units allocated for the application.
Expiry	<i>Type:</i> datetime. Nullable The date and time that the license allocation expires.

LicenseModel Table

The LicenseModel table defines the license models available (for example, Site license). Each licensable product (listed in SoftwareProduct) is assigned a license model. A license model may apply to multiple licensable products.

Table 846: Database columns for LicenseModel table

Database Column	Details
ModelID	<i>Type:</i> integer. Key. Generated ID The unique identifier for a license model.
Name	<i>Type:</i> text (max 256 characters). Key The name of the license model.

LicensePurchase Table

LicensePurchase records details of purchases of licenses for a specified SoftwareProduct.

Table 847: Database columns for LicensePurchase table

Database Column	Details
SoftwareProductID	<i>Type:</i> integer. Key The SoftwareProduct purchased.
ResellerID	<i>Type:</i> integer. Key The Reseller from which the software product was purchased.
OrganizationID	<i>Type:</i> integer. Key The organizational unit that owns the license for the product.
Purchased	<i>Type:</i> datetime. Key When the purchase was made.
Expires	<i>Type:</i> datetime. Nullable When the license expires.
Price	<i>Type:</i> integer. Nullable The price paid for the license.
Quantity	<i>Type:</i> integer Number of units licensed.
OrderNumber	<i>Type:</i> text (max 32 characters). Key Cross-reference to customer's purchase order number.

ProductContainsSoftware Table

The ProductContainsSoftware table lists the applications returned by inventory (in the SoftwareVersion table) that are covered by licensable products (listed in SoftwareProduct). A license can map to multiple applications: if

any of these applications is installed, a license is required.

Table 848: Database columns for ProductContainsSoftware table

Database Column	Details
SoftwareProductID	<i>Type:</i> integer. Key The license that maps to an application. This is a foreign key into the SoftwareProduct table.
SoftwareVersionID	<i>Type:</i> integer. Key The application maps to the license. This is a foreign key into the SoftwareVersion table.

SoftwareProduct Table

The SoftwareProduct table contains all of the licensable products (license definitions) for an organization. It represents all of the license agreements available for monitoring.

Table 849: Database columns for SoftwareProduct table

Database Column	Details
SoftwareProductID	<i>Type:</i> integer. Key. Generated ID This is a unique identifier for the software product.
ProductName	<i>Type:</i> text (max 256 characters). Key The name of the license. This normally corresponds to the name of the software product as defined by the vendor.
ModelID	<i>Type:</i> integer. Key Reference to the Licensing model for FlexNet Manager Suite
TrackedByID	<i>Type:</i> integer In what units are Licences counted?
PublisherID	<i>Type:</i> integer. Key Reference to publisher
Agreement	<i>Type:</i> text (max 256 characters) A URL to the license agreement for the product.[Comments]
Comments	<i>Type:</i> text. Nullable Additional comments

SoftwarePublisher Table

The SoftwarePublisher table lists application publishers (for example, Microsoft). Each licensable product (listed in SoftwareProduct) is assigned a publisher. A publisher may be assigned to multiple licensable products.

Table 850: Database columns for SoftwarePublisher table

Database Column	Details
PublisherID	Type: integer. Key. Generated ID The unique identifier for a publisher.
Name	Type: text (max 256 characters). Key The name of the publisher.
SupportURL	Type: text (max 256 characters) The support URL.
SupportPhone	Type: text (max 256 characters) The support phone number.
ContactName	Type: text (max 256 characters) The name of the contact.
Comments	Type: text (max 512 characters) An arbitrary comment about the publisher.

SoftwareReseller Table

The SoftwareReseller table lists application resellers (usually the organization listed on the purchase order for the product). Each licensable product (listed in SoftwareProduct) is assigned an application reseller. A reseller may be assigned to multiple licensable products.

Table 851: Database columns for SoftwareReseller table

Database Column	Details
ResellerID	Type: integer. Key. Generated ID Auto-generated identifier of Reseller
Name	Type: text (max 256 characters). Key The name of the reseller.
ContactName	Type: text (max 256 characters) The name of the sales contact.

Database Column	Details
ContactPhone	<i>Type:</i> text (max 256 characters) The contact phone number.
Comments	<i>Type:</i> text (max 512 characters) An arbitrary comment about the reseller.

ManageSoft Tables

The complete set of database tables documented here includes:

- DatabaseConfiguration table (see [DatabaseConfiguration Table](#))

DatabaseConfiguration Table

The DatabaseConfiguration table contains configuration properties for the FlexNet Manager Suite database tables, which are used for ongoing maintenance of the database.

Table 852: Database columns for DatabaseConfiguration table

Database Column	Details
Property	<i>Type:</i> text (max 32 characters). Key The name of the property.
Value	<i>Type:</i> text (max 256 characters) The value of the property.
Created	<i>Type:</i> datetime The date and time the property was created.
LastUpdate	<i>Type:</i> datetime The date and time the property was last updated.

Networking Tables

The complete set of database tables documented here includes:

- NetworkLocation table (see [NetworkLocation Table](#))
- Subnet table (see [Subnet Table](#))

NetworkLocation Table

The Location table contains data about Locations



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 853: Database columns for NetworkLocation table

Database Column	Details
NetworkLocationID	Type: integer. Key. Generated ID The ID for the Location
Name	Type: text (max 256 characters). Key The name of the Location
DN	Type: text (max 1024 characters). Key. Nullable The Distinguished name of the Location
AutoPopulated	Type: boolean Specifies whether the row was populated automatically(1) or manually(0).
Enabled	Type: boolean Specifies whether the row will be used when mapping domains and devices to Locations
DomainID	Type: integer. Key DomainID of the domain in which the NetworkLocation resides

Subnet Table

The Subnet table contains data about subnets in a location.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 854: Database columns for Subnet table

Database Column	Details
SubnetID	Type: integer. Key. Generated ID The ID for the Subnet

Database Column	Details
IPSubnet	Type: text (max 64 characters). Key The IPSubnet of the Subnet
IPSubnetMask	Type: text (max 64 characters). Key The IPSubnetMask of the Subnet
NetworkLocationID	Type: integer. Key NetworkLocationID of the NetworkLocation in which the Subnet resides
AutoPopulated	Type: boolean Specifies whether the row was populated automatically(1) or manually(0).
Enabled	Type: boolean Specifies whether the row will be used when mapping domains and devices to Locations

Packaging Tables

The complete set of database tables documented here includes:

- Architecture table (see [Architecture Table](#))
- FileNameMap table (see [FileNameMap Table](#))
- Media table (see [Media Table](#))
- MediaContainsPackagePath table (see [MediaContainsPackagePath Table](#))
- MediaContainsPackageVersion table (see [MediaContainsPackageVersion Table](#))
- MediaType table (see [MediaType Table](#))
- PackageFamily table (see [PackageFamily Table](#))
- PackagePath table (see [PackagePath Table](#))
- PackagePathType table (see [PackagePathType Table](#))
- PackageProvides table (see [PackageProvides Table](#))
- PackageRequires table (see [PackageRequires Table](#))
- PackageState table (see [PackageState Table](#))
- PackageVersion table (see [PackageVersion Table](#))
- PackageVersionArchitecture table (see [PackageVersionArchitecture Table](#))
- PackageVersionEnvironment table (see [PackageVersionEnvironment Table](#))
- PackageVersionInState table (see [PackageVersionInState Table](#))

- PackageVersionLocale table (see [PackageVersionLocale Table](#))

Architecture Table

Architecture identifies a target CPU (ABI), used to identify on what type of computer a package may be installed.

Table 855: Database columns for Architecture table

Database Column	Details
ArchitectureID	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
ArchitectureName	<i>Type:</i> text (max 64 characters). Key Name of the computer architecture

FileNameMap Table

Stores mappings from a file on disk to a filename that will be used on the managed device. Currently used by the HPUX wizards to rename files that have non-Windows conforming names.

Table 856: Database columns for FileNameMap table

Database Column	Details
MediaID	<i>Type:</i> integer. Key The Media that the SourceFile exists on.
SourceFile	<i>Type:</i> text (max 256 characters). Key The file to be renamed.
DestFile	<i>Type:</i> text (max 256 characters) The final file name.
IsFile	<i>Type:</i> boolean Boolean field that specifies whether the row refers to a file or a directory.

Media Table

Packages are stored on Media identified in this table.

Table 857: Database columns for Media table

Database Column	Details
MediaID	Type: integer. Key. Generated ID Auto-generated identity number, 1 = local administration server.
Title	Type: text (max 128 characters). Key Name of media (empty for local administration server).
MediaTypeID	Type: integer. Key What type of media?
Location	Type: text (max 256 characters). Nullable Where on the media?

MediaContainsPackagePath Table

This table identifies which Media contains which PackagePath. A record exists here at least for every PackagePath currently in the local administration server.

Table 858: Database columns for MediaContainsPackagePath table

Database Column	Details
MediaID	Type: integer. Key What Media contains the package?
PackagePathID	Type: integer. Key What PackagePath?

MediaContainsPackageVersion Table

This table identifies which Media contains which PackageVersion. A record exists here at least for every PackageVersion currently in the local administration server.

Table 859: Database columns for MediaContainsPackageVersion table

Database Column	Details
MediaID	Type: integer. Key What Media contains the package?
PackageVersionID	Type: integer. Key What PackageVersion?

MediaType Table

Packages are stored on Media of various types. This table contains a record for each type.

Table 860: Database columns for MediaType table

Database Column	Details
MediaTypeID	Type: integer. Key. Generated ID Auto-generated identity number, 1 = Warehouse (administration server).
Description	Type: text (max 128 characters). Key Media type name (for example: Warehouse, Filesystem, CD).

PackageFamily Table

PackageFamily is a short name used by the client to decide where a package to be downloaded to and whether it's an upgrade or downgrade of a previous package. Only one package version of a family may be installed in a given context.

Table 861: Database columns for PackageFamily table

Database Column	Details
PackageFamilyID	Type: integer. Key. Generated ID Auto-generated identity number
PackageName	Type: text (max 64 characters). Key Package family name

PackagePath Table

Package Path identifies a filesystem path where the package will be stored in the software library and in transit. As such, the administration server and each distribution server may only contain a single package version having a given Path

Table 862: Database columns for PackagePath table

Database Column	Details
PackagePathID	Type: integer. Key. Generated ID Auto-generated identity number
PackageFullName	Type: text (max 256 characters). Key. Nullable Package Path string

Database Column	Details
ParentPathID	<i>Type:</i> integer. Key. Nullable When a package is a variant of a parent package, this contains a reference to the parent package's path.
PackagePathTypeID	<i>Type:</i> integer The type of PackagePath that this row represents.

PackagePathType Table

This table contains the list of different types of packages, which also corresponds to the main areas in the Software Library.

Table 863: Database columns for PackagePathType table

Database Column	Details
PackagePathTypeID	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
Description	<i>Type:</i> text (max 128 characters). Key This describes the type of the package

PackageProvides Table

PackageProvides is used when a package can satisfy a virtual dependency, like “web-browser”.

Table 864: Database columns for PackageProvides table

Database Column	Details
PackageProvidesID	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
PackageVersionID	<i>Type:</i> integer. Key The package which provides the interface
PackageFamilyID	<i>Type:</i> integer. Key The (virtual) package which is provided
Version	<i>Type:</i> text (max 32 characters). Key. Nullable The version provided, if necessary

PackageRequires Table

PackageRequires is used when a package requires another package or some other configuration, like a piece of hardware for example.

Table 865: Database columns for PackageRequires table

Database Column	Details
PackageVersionID	<i>Type:</i> integer. Key The PackageVersion which has the requirement.
RequiredType	<i>Type:</i> text (max 8 characters). Key Requirement type: for example, software, hardware.
RequiredObject	<i>Type:</i> text (max 64 characters). Key Required object: for example, PackageFamily name.
Strength	<i>Type:</i> integer. Nullable Strength of the requirement.
Property	<i>Type:</i> text (max 64 characters). Nullable The required property of the object (for example, package version).
Value	<i>Type:</i> text (max 64 characters). Nullable The value of the required property.
Match	<i>Type:</i> integer. Key How to match the required value.

PackageState Table

This table contains the package states that may be assigned to a package in the software library. The default set of states are based on ITIL release management processes.

Table 866: Database columns for PackageState table

Database Column	Details
PackageStateID	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
Name	<i>Type:</i> text (max 64 characters). Key Package State Name
CanAddToPolicy	<i>Type:</i> boolean Whether a package in this state can be added to policy

PackageVersion Table

The `PackageVersion` table contains information about all of the packages in the software library. It is primarily used to map between `Installation` and `PackageApplies` for the purpose of comparing what users and computers should have versus what they actually have installed. This table only stores the details of one version of each package. This will change in future releases.

Table 867: Database columns for `PackageVersion` table

Database Column	Details
<code>PackageVersionID</code>	<i>Type:</i> integer. Key. Generated ID Auto-generated identity number
<code>PackagePathID</code>	<i>Type:</i> integer. Key Reference to Path (Full name) of Package
<code>Version</code>	<i>Type:</i> text (max 32 characters). Key The version number of the package. The <code>Installation</code> table also has <code>PackageName</code> and <code>Version</code> columns. This value can be used to find the corresponding <code>PackageFullName</code> so that <code>Installation</code> can be mapped to <code>PackageApplies</code> .
<code>Update</code>	<i>Type:</i> text (max 64 characters). Key The current update (or patch) number of the package
<code>PackageFamilyID</code>	<i>Type:</i> integer. Key A managed device may only have one <code>PackageVersion</code> in a family.
<code>Title</code>	<i>Type:</i> text (max 64 characters). Nullable The friendly name for the package.
<code>MD5</code>	<i>Type:</i> text (max 40 characters). Nullable The MD5 digest of the project file (.ndp) for the package. This is updated in the database when the package is packed or distributed.
<code>Size</code>	<i>Type:</i> integer. Nullable If set, contains the size in bytes of the distributable form of the package
<code>Category</code>	<i>Type:</i> text (max 128 characters). Nullable A category or class used to group packages

PackageVersionArchitecture Table

`PackageVersionArchitecture` specifies all the architectures that a particular package version applies to.

Table 868: Database columns for PackageVersionArchitecture table

Database Column	Details
PackageVersionID	Type: integer. Key Foreign key into the PackageVersion table.
ArchitectureID	Type: integer. Key Foreign key into the Architecture table.

PackageVersionEnvironment Table

PackageVersionEnvironment specifies all the environments (operating systems) that a particular package version applies to.

Table 869: Database columns for PackageVersionEnvironment table

Database Column	Details
PackageVersionID	Type: integer. Key Foreign key into the PackageVersion table.
Environment	Type: text (max 128 characters). Key Name of the environment that is used in the package. This refers to the environments used in the Packer.

PackageVersionInState Table

This table contains a history of changes made to the state of a package. Note that the username is recorded as a nvarchar rather than a foreign key to the user table so that if a user is deleted, there is still a record of the changes that were made.

Table 870: Database columns for PackageVersionInState table

Database Column	Details
PackageVersionID	Type: integer. Key The package that has been changed
PackageStateID	Type: integer. Key The state that was set
UserName	Type: text (max 64 characters). Key The user that made the state change

Database Column	Details
Changed	<i>Type:</i> datetime. Key The date/time that the change was made
Comments	<i>Type:</i> text (max 256 characters) A user defined set of comments relating to the state change

PackageVersionLocale Table

PackageVersionLocale specifies all the locales (language and country combinations) that a particular package version applies to.

Table 871: Database columns for PackageVersionLocale table

Database Column	Details
PackageVersionID	<i>Type:</i> integer. Key Foreign key into the PackageVersion table.
LocaleCode	<i>Type:</i> text (max 6 characters). Key Foreign key into the Locale table.

ReferenceData Tables

The complete set of database tables documented here includes:

- Country table (see [Country Table](#))
- Language table (see [Language Table](#))
- Locale table (see [Locale Table](#))

Country Table

Stores country information, including their ISO country code and English names.

Table 872: Database columns for Country table

Database Column	Details
CountryCode	<i>Type:</i> text (max 2 characters). Key The two letter country code.

Database Column	Details
Name	Type: text (max 128 characters). Key The english name of the country.

Language Table

Stores language information, including their English names, and various forms of language id.

Table 873: Database columns for Language table

Database Column	Details
LangCode3	Type: text (max 3 characters). Key The three letter language code.
LangCode2	Type: text (max 2 characters). Nullable The two letter language code.
EnglishName	Type: text (max 128 characters). Key The english name of the language.
LocalName	Type: text (max 128 characters). Nullable The name of the language, written in the local language.
MSLanguageID	Type: integer. Nullable The Microsoft language id, as specified in winnt.h in the Platform SDK.

Locale Table

Stores locale information, which consists of country and language combinations. Use the `LocaleCode` column as the foreign key into this table.

Table 874: Database columns for Locale table

Database Column	Details
LocaleCode	Type: text (max 6 characters). Key A combination of the language code and country code, separated by a hyphen. If there is no country code, then there will be no hyphen added. This column MUST have the correct value when inserted, based on the values of the language and country codes.
LangCode3	Type: text (max 3 characters). Key The three letter language code.

Database Column	Details
CountryCode	Type: text (max 2 characters). Key. Nullable The two letter country code.
LocaleName	Type: text (max 128 characters) The name of the locale. For example, “English (United States)”.
MSLocaleID	Type: integer. Nullable The Microsoft identifier for the locale. For example, 1033 for English (United States).

Rights Tables

The complete set of database tables documented here includes:

- ActionClass table (see [ActionClass Table](#))
- PartitionType table (see [PartitionType Table](#))
- Resource table (see [Resource Table](#))

ActionClass Table

The types of action on a Resource for which rights may be granted or denied.

Table 875: Database columns for ActionClass table

Database Column	Details
ActionClassID	Type: integer. Key. Generated ID Auto-generated identity number.
ActionClassName	Type: text (max 16 characters). Key The name of the ActionClass.

PartitionType Table

Some secured Resources may be partitioned. Partitions are used to grant rights to one part of a Resource excluding other parts, for example limiting rights so that the operator can access only certain distribution servers, organizational units, or areas in the software library. There are three types of partitioning, defined by entries in this table.

Table 876: Database columns for PartitionType table

Database Column	Details
PartitionTypeID	Type: integer. Key. Generated ID Auto-generated identity number.
PartitionTypeName	Type: text (max 32 characters). Key Name of the PartitionType.

Resource Table

Access rights are granted to the Resources defined in this table.

Table 877: Database columns for Resource table

Database Column	Details
ResourceID	Type: integer. Key. Generated ID Auto-generated identity number.
ResourceName	Type: text (max 16 characters). Key Name of the Resource.
PartitionTypeID	Type: integer. Nullable If not NULL, the type of partitioning used with this Resource.

ScriptResult Tables

The complete set of database tables documented here includes:

- ComputerScriptResult table (see [ComputerScriptResult Table](#))

ComputerScriptResult Table

This table are used to store recognition rules and their results



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 878: Database columns for ComputerScriptResult table

Database Column	Details
ComputerID	Type: integer. Key The computer that the installation event occurred on. This is a foreign key into the Computer table.
RecognitionRule	Type: text (max 256 characters). Key The recognition rule.
Revision	Type: integer. Nullable The revision number of the recognition rule.
InventoryDate	Type: datetime The date the recognition rule ran.
Result	Type: text. Nullable The result of the recognition rule script.

Status Tables

The complete set of database tables documented here includes:

- AMTEventLog table (see [AMTEventLog Table](#))

AMTEventLog Table

Records the entries in the AMT event log for a NetworkDevice.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database TenantID has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 879: Database columns for AMTEventLog table

Database Column	Details
AMTEventLogID	Type: integer. Key. Generated ID Auto-generated identity number.
DeviceID	Type: integer. Key. Nullable NetworkDevice identity number.
Reported	Type: datetime Date and time the event log entry was reported at.

Database Column	Details
PETDeviceAddress	<i>Type:</i> small integer The device address from the PET message format.
PETEventSensorType	<i>Type:</i> small integer The event sensor type from the PET message format.
PETEventType	<i>Type:</i> small integer The event type from the PET message format.
PETEventOffset	<i>Type:</i> small integer The event offset from the PET message format.
PETEventSourceType	<i>Type:</i> small integer The event source type from the PET message format.
PETEventSeverity	<i>Type:</i> small integer The event severity from the PET message format.
PETSensorNumber	<i>Type:</i> small integer The sensor number from the PET message format.
PETEntity	<i>Type:</i> small integer The entity from the PET message format.
PETEntityInstance	<i>Type:</i> small integer The entity instance address from the PET message format.
PETEventData	<i>Type:</i> text (max 32 characters) The event data from the PET message format.

Targeting Tables

The complete set of database tables documented here includes:

- TargetType table (see [TargetType Table](#))

TargetType Table

The TargetType table contains a row for each type of object that can be targeted in FlexNet Manager Suite.

Table 880: Database columns for TargetType table

Database Column	Details
TargetTypeID	<p>Type: integer. Key. Generated ID</p> <p>The ID for the target type:</p> <ul style="list-style-type: none"> Computers Users Group DistributionLocation DistributionServer Organization Assets Contracts Purchase orders Software licenses Software titles Compliance computers Compliance users Operators SAP system landscapes SAP systems SAP rule sets Discovered devices Beacon Vendor Device Rule Inventory connection FNMP Server Fast Import OLE DB Connection ORACLE Connection

Database Column	Details
	<ul style="list-style-type: none"> • XML • Intermediate File • ADSI Connection • Web Service • SQL Connection • Software Title Evidence • FNMEA Agent • Installed Software • Baseline Import • Available Package • Client ARL
TargetTypeName	<i>Type:</i> text (max 256 characters). Key The name of the target type.

Tenants Tables

The complete set of database tables documented here includes:

- FlexeraLicense table (see [FlexeraLicense Table](#))
- Tenant table (see [Tenant Table](#))

FlexeraLicense Table

The FlexeraLicense table contains the encoded contents of the Flexera Software licenses required for the tenants in the system. This table is also used by the system in the single-tenant setup where there is only one tenant.

Table 881: Database columns for FlexeraLicense table

Database Column	Details
TenantUID	<i>Type:</i> text (max 40 characters). Key The unique identifier of a tenant. A reference to the Tenant to which this license is attached.

Database Column	Details
License	<i>Type:</i> text The encoded contents of the Flexera Software license attached to a particular Tenant.
LicenseChecksum	<i>Type:</i> integer. Key The check sum of the license.
LicenseDetails	<i>Type:</i> XML. Nullable XML definition of the license details

Tenant Table

The Tenant table contains the details of each tenant in multitenant FlexNet Manager Suite database tables.

Table 882: Database columns for Tenant table

Database Column	Details
TenantID	<i>Type:</i> integer. Key. Generated ID The tenant ID in a multi-tenant database.
TenantUID	<i>Type:</i> text (max 40 characters). Key The unique identifier of a tenant. This identifier is used to identify the tenant in environments where tenant information is stored on multiple databases.
TenantName	<i>Type:</i> text (max 256 characters). Key The name of the tenant.
TenantDomain	<i>Type:</i> text (max 20 characters). Nullable The sub-domain to use for the tenant.
Comments	<i>Type:</i> text. Nullable Operator comments about this tenant record.
CreationUser	<i>Type:</i> text (max 128 characters). Nullable The operator who created the tenant record.
CreationDate	<i>Type:</i> datetime The date the tenant record was created.
UpdatedUser	<i>Type:</i> text (max 128 characters). Nullable The name of the operator who last updated the tenant record.
UpdatedDate	<i>Type:</i> datetime. Nullable The date the tenant record was last updated.

Usage Tables

The complete set of database tables documented here includes:

- ComputerUsage table (see [ComputerUsage Table](#))
- SoftwareFileUsage table (see [SoftwareFileUsage Table](#))
- SoftwareUsagePerWeek table (see [SoftwareUsagePerWeek Table](#))

ComputerUsage Table

Each time usage information is received, the ComputerUsage table is updated with the current day's time-stamp.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 883: Database columns for ComputerUsage table

Database Column	Details
ComputerID	<p>Type: integer. Key</p> <p>The id of the computer this information applies to. This id is a foreign key to the Computer table. It forms part of the unique index that identifies each row of data.</p>
UserID	<p>Type: integer. Key</p> <p>The id of the user context in which the application was detected. This is a foreign key to the User table. It forms part of the unique index that identifies each row of data.</p>
LastReported	<p>Type: datetime. Nullable</p> <p>The date that the user last reported usage information from the specified computer.</p>

SoftwareFileUsage Table

This table contains information about each file relevant to reporting software usage information on each computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 884: Database columns for SoftwareFileUsage table

Database Column	Details
SoftwareFileUsageID	Type: integer. Key. Generated ID Auto-generated identity number
ComputerID	Type: integer. Key The id of the computer this information applies to. This id is a foreign key to the Computer table. It forms part of the unique index that identifies each row of data.
UserID	Type: integer. Key The id of the user context in which the application was detected. This is a foreign key to the User table. It forms part of the unique index that identifies each row of data.
Version	Type: text (max 32 characters). Key The version of the software file defined by the vendor.
SoftwareFileNameID	Type: integer. Key The name of the file that was tracked, minus the path. This is a foreign key into the SoftwareFileName table.
LongName	Type: text (max 4000 characters). Nullable The full path and file that was tracked.
CompanyName	Type: text (max 50 characters). Key The company name of the software.
Description	Type: text (max 1024 characters). Key The file description of the software.
ProductName	Type: text (max 50 characters). Key The product name of the software file.
ProductVersion	Type: text (max 32 characters). Key The version of the product of the software file defined by the vendor.

SoftwareUsagePerWeek Table

Software usage information is stored in weekly batches. Information received by the server is stored in the SoftwareUsagePerWeek table. Each row in the table represents usage information received from a specified user, on a specified managed device, regarding usage of specified software, during the week where the Monday is the specified date.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database Tenant.ID has been set in the SQL Server connection context information. That setting filters an underlying

table to produce this view of data for the single, selected tenant.

Table 885: Database columns for SoftwareUsagePerWeek table

Database Column	Details
SoftwareUsagePerWeekID	Type: integer. Key. Generated ID Auto-generated identity number
ComputerID	Type: integer. Key The id of the computer this information applies to. This id is a foreign key to the Computer table. It forms part of the unique-clustered-index that identifies each row of data.
UserID	Type: integer. Key The id of the user context in which the application was detected. This id is a foreign key to the User table. It forms part of the unique-clustered-index that identifies each row of data.
SoftwareID	Type: integer. Key The id of the software that was used. This is a foreign key to the SoftwareVersion table. It forms part of the unique-clustered-index that identifies each row of data.
SoftwareFileUsageID	Type: integer. Key. Nullable The id of the software file usage that was used. This is a foreign key to the SoftwareFileUsage table. It forms part of the unique-clustered-index that identifies each row of data.
StartOfWeek	Type: datetime. Key The first day for the week. This date identifies the week that usage data applies to.
Duration	Type: integer. Nullable The total duration, in seconds, that the application was run. It represents the total spanning across many sessions.
ActiveTime	Type: integer. Nullable The total active time, in seconds, that the application was in the foreground. It represents the total spanning across many sessions.
Sessions	Type: integer. Nullable The number of sessions the in which the application was used within the week.
Days	Type: integer. Nullable The number of distinct days the application was used within the week.

WakeOnLAN Tables

The complete set of database tables documented here includes:

- WakeOnLANDistributionJob table (see [WakeOnLANDistributionJob Table](#))
- WakeOnLANStatus table (see [WakeOnLANStatus Table](#))
- WakeOnLANTask table (see [WakeOnLANTask Table](#))

WakeOnLANDistributionJob Table

Wake on LAN distribution jobs control the distribution of a Wake on LAN task to the nearest distribution server for the targeted managed devices. The status of these distribution jobs is stored in the WakeOnLANDistributionJob table. Each row in the table represents a Wake on LAN job, which is any Wake on LAN task (or a subset of a Wake on LAN task), that has been distributed to a distribution server. Be aware: There can be multiple distribution jobs for a given Wake on LAN task.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 886: Database columns for WakeOnLANDistributionJob table

Database Column	Details
DistJobUID	Type: binary (max 16 bytes). Key A unique identifier for this distribution job.
TaskUID	Type: binary (max 16 bytes). Key A unique identifier for the task that created this distribution job. This is a foreign key linked to the TaskUID in the WakeOnLANTask table.
ServerUID	Type: binary (max 16 bytes). Key A unique identifier for the distribution server that this distribution job targets. This foreign key links to the ServerUID in the DistributionServer table.
State	Type: text (max 16 characters) The state of this distribution job. This can be one of the following values: + Pending + Failed + Success

WakeOnLANStatus Table

All managed devices targeted by a Wake on LAN task have a status associated with them. The status of the managed devices is stored in the WakeOnLANStatus table. Each row in the table represents a managed device to be woken by a Wake on LAN task from a distribution job.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 887: Database columns for WakeOnLANStatus table

Database Column	Details
DistJobUID	<p>Type: binary (max 16 bytes). Key</p> <p>A unique identifier for a distribution job. This foreign key links to the DistJobUID in the WakeOnLANDistributionJob table. It forms part of the unique index that identifies each row of data.</p>
ComputerID	<p>Type: integer. Key</p> <p>The id for the managed device. It forms part of the unique index that identifies each row of data.</p>
State	<p>Type: text (max 16 characters)</p> <p>The state of this managed device. This can be one of the following values:</p> <ul style="list-style-type: none"> • Pending • Failed • Woken • Awake

WakeOnLANTask Table

Wake on LAN tasks control any targeted managed devices. The details of these tasks are stored in the WakeOnLANTask table. Each row in the table represents a Wake on LAN task.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 888: Database columns for WakeOnLANTask table

Database Column	Details
TaskUID	<p>Type: binary (max 16 bytes). Key</p> <p>A unique identifier for the task that created a Wake on LAN job.</p>
FriendlyName	<p>Type: text (max 400 characters)</p> <p>The descriptive name assigned to the Wake on LAN task.</p>

Database Column	Details
StartTime	Type: datetime. Nullable The time at which the managed devices will be woken.

Workflow Tables

The complete set of database tables documented here includes:

- Action table (see [Action Table](#))
- ActionApplies table (see [ActionApplies Table](#))
- ActionState table (see [ActionState Table](#))
- Job table (see [Job Table](#))
- Task table (see [Task Table](#))
- TaskSchedule table (see [TaskSchedule Table](#))
- TaskType table (see [TaskType Table](#))

Action Table

An Action arising from a Task, to be applied (possibly repeatedly) by an actor (often a distribution server) to a set of target devices.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 889: Database columns for Action table

Database Column	Details
ActionUID	Type: binary (max 16 bytes). Key The unique identifier for the Action.
TaskID	Type: integer. Key The Task which gave rise to this Action.
ServerUID	Type: binary (max 16 bytes). Key. Nullable True if this Action has been delegated to a distribution server.
JobUID	Type: binary (max 16 bytes). Key. Nullable The Job which instructed the DS to perform the Action, if the Job still exists.

Database Column	Details
ActionStateID	Type: integer .One of the action states defined in the ActionState table.
PackageVersionID	Type: integer. Nullable If Task is of type Distribution, a PackageVersion applies.
FailureReason	Type: text. Nullable If not empty, text describing the reason the Action failed.
LastUpdate	Type: datetime The last time that the ActionState was updated. This value is the UTC date time of the event.
DSVersion	Type: text (max 32 characters). Nullable The version of the DS used to execute the Action.

ActionApplies Table

An action applies/applied to this computer, which can be identified by its computer id, device id, DNS, IP or MAC address. One of the five related cross-references must be non-null. If more than one is non-null, precedence is applied top to bottom in the order documented below.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 890: Database columns for ActionApplies table

Database Column	Details
ActionAppliesID	Type: integer. Key. Generated ID Auto-generated identity number
ActionUID	Type: binary (max 16 bytes). Key The Action which applies.
ComputerID	Type: integer. Key. Nullable The computer id of the device to which the Action applies. Index into the Computer table.
DeviceID	Type: integer. Key. Nullable Index into the NetworkDevice table for this device.

Database Column	Details
MACAddress	<i>Type:</i> text (max 18 characters). Key. Nullable The network hardware address of the device.
DNSName	<i>Type:</i> text (max 128 characters). Key. Nullable The DNS name of the device.
IPAddress	<i>Type:</i> text (max 64 characters). Key. Nullable The IP Address of the device.
ActionStateID	<i>Type:</i> integer One of the action states defined in the <code>ActionState</code> table.
FailureReason	<i>Type:</i> text. Nullable If not empty, text describing the reason the action failed.
LastUpdate	<i>Type:</i> datetime The last time that the state of this action was updated. This value is the UTC date-time of the event.

ActionState Table

All possible states for an action are reflected in a record here.

Table 891: Database columns for `ActionState` table

Database Column	Details
ActionStateID	<i>Type:</i> integer. Key. Generated ID The id for the action state.

Database Column	Details
ActionStateName	<p>Type: text (max 32 characters). Key</p> <p>The name for the action state. Possible id-name pairs are:</p> <ul style="list-style-type: none"> • 1 = Created • 2 = DistributionInProgress • 3 = DistributionFailed • 4 = Distributed • 5 = SchedulePending • 6 = ScheduledFailed • 7 = Scheduled • 8 = Applied • 9 = ApplyFailed • 10 = CancelPending • 11 = CancelFailed • 12 = Cancelled • 13 = NotSupported

Job Table

This table stores the information about the jobs.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 892: Database columns for Job table

Database Column	Details
JobUID	<p>Type: binary (max 16 bytes). Key</p> <p>The unique id for the job.</p>
TaskID	<p>Type: integer. Key</p> <p>The id for the task.</p>
ServerUID	<p>Type: binary (max 16 bytes). Key</p> <p>The unique id for the server.</p>

Task Table

This table stores the information about the tasks.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 893: Database columns for Task table

Database Column	Details
TaskID	Type: integer. Key. Generated ID The id of the task.
TaskUID	Type: binary (max 16 bytes). Key. Nullable The id of the task.
TaskTypeID	Type: integer The id for the task type.
TaskName	Type: text (max 128 characters). Key The name for the task.
PackagePathID	Type: integer. Key. Nullable For a distribution task, which package.
TaskScheduleID	Type: integer The id for the task schedule.
MinimumVersion	Type: text (max 16 characters). Nullable The minimum version required to execute the task.

TaskSchedule Table

This table stores the required information about the task schedule, such as the start and finish times number of retries, delays and other related information.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 894: Database columns for TaskSchedule table

Database Column	Details
TaskScheduleID	<i>Type:</i> integer. Key. Generated ID The id for the task schedule.
StartTime	<i>Type:</i> datetime. Nullable The time that the scheduled task must start.
EndTime	<i>Type:</i> datetime. Nullable The time that the scheduled task must end.
RetryCount	<i>Type:</i> integer. Nullable Number of times for task retries.
MinRetryDelay	<i>Type:</i> integer. Nullable Number of seconds before a retry occurs in case of a failure.
RepeatDelay	<i>Type:</i> integer. Nullable Number of seconds before the task is repeated.
NumParallelTasks	<i>Type:</i> integer. Nullable Number of tasks that can be run in parallel.
SleepBetweenTasks	<i>Type:</i> integer. Nullable Amount of time before the next task can start.

TaskType Table

This table stores the information about different types of tasks and their associated IDs.

Table 895: Database columns for TaskType table

Database Column	Details
TaskTypeID	<i>Type:</i> integer. Key. Generated ID The id for the task.
TaskTypeName	<i>Type:</i> text (max 32 characters). Key The name of the task.

7

License Portal Database Schema

This chapter describes additions made to the database schema for FlexNet Manager Suite to accommodate a separate licensing portal. With the entire product now presented in a web interface, this separation is entirely historical. The tables described in this chapter continue to appear in the database for all implementations.

Information Structure

The following information is provided about database tables. Items appear only when relevant to the database column, and are suppressed where they do not apply. Two of these items (shown bold) are columns in the following pages, and the remainder are displayed within the **Details**.

Item	Comment
Database Column	The name of the column in the SQL table.
<i>Type</i>	The data type of the contents of the database column.
Size	For types that have a maximum capacity, the upper limit is provided in parentheses.
Key	The word “Key” appears when a column is a unique key field within the table. It is possible for several database columns to be part of the key, so that this indicator may appear for several columns in a table.
Generated ID	This indicates that a numeric ID is assigned by the database.
Nullable	If this indicator is present, the database column permits nulls.
Computed	This indicator appears for columns that are automatically computed by the database.
Default	If a column has a default value declared in the schema, this is specified at the end of the first set of details for the column.
Details	Describes the data stored in the database column, including many of the indicators described above.

Compliance.ECM.Logic Tables

The complete set of database tables documented here includes:

- ComplianceActionHistory table (see [ComplianceActionHistory Table](#))
- ComplianceActionHistoryResource table (see [ComplianceActionHistoryResource Table](#))
- EcmSettings table (see [EcmSettings Table](#))
- SoftwareLicenseUsageHistory table (see [SoftwareLicenseUsageHistory Table](#))
- TrackGroup table (see [TrackGroup Table](#))
- TrackSoftwareLicenseUsage table (see [TrackSoftwareLicenseUsage Table](#))
- TrackSoftwareTitle table (see [TrackSoftwareTitle Table](#))
- TrackSoftwareTitleUsage table (see [TrackSoftwareTitleUsage Table](#))

ComplianceActionHistory Table

ComplianceActionHistory records actions performed in the Compliance portal on a contract or software license, including usage activation/deactivation.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 896: Database columns for ComplianceActionHistory table

Database Column	Details
ComplianceActionHistoryID	Type: integer. Key. Generated ID Unique identifier for the record.
ComplianceActionHistoryResourceID	Type: integer. Key Identifies the type of action performed. Foreign key to the ComplianceActionHistoryResource table.
History	Type: text Detailed information about the action performed.
HistoryParameters	Type: text Details of parameters changed and their changed values.
AssociatedObjectID	Type: integer The ID of the contract or license associated with the action.

Database Column	Details
AssociatedObjectName	<i>Type:</i> text (max 512 characters) The name of the contract or license associated with the action.
Comment	<i>Type:</i> text (max 1024 characters) Comments recorded about the change by the operator.
CreationUser	<i>Type:</i> text (max 512 characters) The username of the operator who made the change.
CreationDate	<i>Type:</i> datetime The date of the change.

ComplianceActionHistoryResource Table

ComplianceActionHistoryResource table stores string resources required by the ComplianceActionHistory table.

Table 897: Database columns for ComplianceActionHistoryResource table

Database Column	Details
ComplianceActionHistoryResourceID	<p>Type: integer. Key. Generated ID</p> <p>Unique identifier for each record. Possible values and the corresponding default strings that may be written into a history list are:</p> <ul style="list-style-type: none"> • 1 = Payment made • 2 = Payment edited • 3 = Payment cancelled • 4 = Activated application usage tracking for contract • 5 = Deactivated application usage tracking for contract • 6 = Activated application usage tracking for software license • 7 = Deactivated application usage tracking for software license • 8 = Modified application usage tracking for software license • 9 = Modified application usage tracking for contract • 10 = Not defined • 11 = Obligated to pay: (amount) • 12 = Actual amount was set to: (amount) • 13 = Actual amount currency rate was set to: (rate) • 14 = Estimated amount was set to: (amount) • 15 = Estimated amount currency rate was set to: (rate) • 16 = Budgeted amount was set to: (amount) • 17 = Budgeted amount currency rate was set to: (amount) • 18 = Payment status was set to: (status) • 19 = Payment amount: (amount); Payment date: (date) • 20 = Payment date was set to: (date) • 21 = Software license: (license name) • 22 = Software title: (application name) • 23 = Contract: (contract name) • 24 = Tracked: (yes/no); Track group: (group); Track start date: (date); Track end date: (date) • 25 = Applications tracked: (number).

Database Column	Details
ResourceName	Type: text (max 256 characters). Key The name of the resource that determines the text to display on the user interface.
DefaultValue	Type: text (max 512 characters) The default value to display if there is no resource string available to define the history action.

EcmSettings Table

EcmSettings stores operator-specific settings for the Compliance portal.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 898: Database columns for EcmSettings table

Database Column	Details
EcmSettingID	Type: integer. Key. Generated ID A unique identifier for the record.
ComplianceOperatorID	Type: integer. Key An operator of the Compliance portal. Foreign key to the ComplianceOperator table.
SettingKey	Type: text (max 512 characters). Key A resource describing the operator setting.
SettingType	Type: text (max 512 characters) The data type of the operator setting.
SettingValueString	Type: text Serialized value of the operator setting.
LastUpdated	Type: datetime Date and time when this setting was last updated.

SoftwareLicenseUsageHistory Table

SoftwareLicenseUsageHistory records snapshots of software license utilization.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 899: Database columns for SoftwareLicenseUsageHistory table

Database Column	Details
SoftwareLicenseUsageHistoryID	Type: integer. Key. Generated ID A unique identifier for each record in this table.
SnapshotDate	Type: datetime Date that the snapshot was recorded and the projected usage was calculated.
SoftwareLicenseID	Type: integer. Key SoftwareLicenseID that identifies the software license. This field is a foreign key to the SoftwareLicense table.
NumberPurchased	Type: integer Total number of licenses purchased, as of the Snapshot Date.
NumberInstalled	Type: integer Total number of installations for the license, as of the Snapshot Date.
NumberUsedActual	Type: integer. Nullable Total consumption of the license, as of the Snapshot Date. If application usage is not being tracked, this field is blank.
NumberUsedProjected	Type: integer. Nullable The projected usage calculated for this license, based on patterns of usage over time.

TrackGroup Table

The TrackGroup table contains a list of the different tracking groups that tracked computer belong to.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *Tenant.ID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 900: Database columns for TrackGroup table

Database Column	Details
TrackGroupID	<p>Type: integer. Key. Generated ID</p> <p>A unique identifier for each TrackGroup. Possible values and the corresponding default strings are:</p> <ul style="list-style-type: none"> 1 = Sample 2 = Enterprise.
ResourceName	<p>Type: text (max 50 characters). Nullable</p> <p>The name of the resource that determines the text to display on the user interface.</p>
GroupName	<p>Type: text (max 64 characters). Key</p> <p>The default name of the TrackGroup. This is the value displayed if there is no resource string available to define the TrackGroup.</p>

TrackSoftwareLicenseUsage Table

TrackSoftwareLicenseUsage keeps track of usage for each license.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 901: Database columns for TrackSoftwareLicenseUsage table

Database Column	Details
TrackSoftwareLicense UsageID	<p>Type: integer. Key. Generated ID</p> <p>Unique identifier for each record.</p>
SoftwareLicenseID	<p>Type: integer. Key</p> <p>Identifies a license. This field is a foreign key to the SoftwareLicense table.</p>
TrackGroupID	<p>Type: integer. Key. Nullable</p> <p>Identifies the track group associated with the license. This field is a foreign key to the TrackGroup table.</p>
SampleSize	<p>Type: integer. Nullable</p> <p>Number of computers in sample group.</p>

Database Column	Details
UsedPercentage	<i>Type:</i> decimal. Nullable Percentage of computers within the tracking group that reported use of applications associated with this license.
LastUpdated	<i>Type:</i> datetime Date and time when software license usage was updated.

TrackSoftwareTitle Table

TrackSoftwareTitle stores details related to tracking software usage for a software title.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 902: Database columns for TrackSoftwareTitle table

Database Column	Details
TrackSoftwareTitleID	<i>Type:</i> integer. Key. Generated ID Unique identifier for each record. This field is a foreign key to the SoftwareTitle table.
SoftwareTitleID	<i>Type:</i> integer. Key. Nullable Identifies the application for which usage is being tracked. This field is a foreign key to the SoftwareTitle table.
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable Identifies the license associated with the application. This field is a foreign key to the SoftwareLicense table.
TrackGroupID	<i>Type:</i> integer. Key Identifies if usage tracking has been activated for the Sample or Enterprise tracking group. This field is a foreign key to the TrackGroup table.
LastTrackStartDate	<i>Type:</i> datetime. Nullable Date that tracking was last turned on.
LastTrackEndDate	<i>Type:</i> datetime. Nullable Date that tracking was last turned off. This field may be null if the operator cleared the end date when activating application usage.

Database Column	Details
TrackEndDueDate	<i>Type:</i> datetime. Nullable Date that the current tracking period ends. Should be null when IsTracked is False.
IsTracked	<i>Type:</i> boolean. Key Indicates whether usage tracking is enabled for this application entry.

TrackSoftwareTitleUsage Table

TrackSoftwareTitleUsage keeps track of whether licensed software is being used on a computer.



Note: To cater for multi-tenant mode, this table may contain data for multiple tenants. Access requires that the database *TenantID* has been set in the SQL Server connection context information. That setting filters an underlying table to produce this view of data for the single, selected tenant.

Table 903: Database columns for TrackSoftwareTitleUsage table

Database Column	Details
TrackSoftwareTitleUsageID	<i>Type:</i> integer. Key. Generated ID Unique identifier for each record.
ComplianceComputerID	<i>Type:</i> integer. Key Identifies the computer on which usage tracking details were recorded. This field is a foreign key to the ComplianceComputer table.
SoftwareTitleID	<i>Type:</i> integer. Key Identifier for the application that was installed on the computer. This field is a foreign key to the SoftwareTitle table.
SoftwareLicenseID	<i>Type:</i> integer. Key. Nullable Identifier for the license associated with the installed application on the computer. This field is a foreign key to the SoftwareLicense table.
TrackGroupID	<i>Type:</i> integer. Key. Nullable Identifies the track group to which the computer has been assigned.
IsUsed	<i>Type:</i> boolean. Nullable Indicates whether the application is used on the computer.
LastUsed	<i>Type:</i> datetime. Nullable Date and time when software was last used on computer.

8

Inventory Spreadsheet Templates

In contrast with other chapters in this document, this chapter takes a different approach: rather than documenting the schema of the central database for FlexNet Manager Suite, it describes the formats acceptable for spreadsheet (.xlsx) or comma-separated value (.csv) files that can be used to import various kinds of inventory information into the central database. For each data element, it shows which database table, and which column in that table, is the final destination for the imported data. (For details about importing inventory as spreadsheets or CSV files, see the chapter *Importing Inventory Spreadsheets and CSV Files* in the companion volume, *FlexNet Manager Suite System Reference*.)

Such spreadsheet (including CSV) files can be imported through two different paths:

- Using the web interface for FlexNet Manager Suite, the data may be uploaded directly to the central application server(s) as a one-time upload
- Optionally with a repeatable schedule, the data may also be uploaded through an inventory beacon.

The same templates are used for inventory imports through either of these channels.

Information Structure for Spreadsheet Inventory Imports

The following information is provided about the structure of spreadsheet (.xlsx) and comma-separated value (.csv) template files that can be prepared as a data source for importing inventory. The items listed below appear only when relevant to the spreadsheet column, and are suppressed where they do not apply. Four of these items (shown bold) are columns in the following pages, and the remainder are displayed within the **Details** column.

Below this key is a mapping between:



- The file name of the downloaded template
- The prompt in the web interface of FlexNet Manager Suite for upload of the completed spreadsheet
- The topic below that covers this data (topic names are driven by the underlying database schema).



Remember: The template files are fixed format. While adding data to each file, you may not change:

- The file name

- The names of columns
- The number of columns
- The order of columns.

Item	Comment
Column	<p>The name of the column in the spreadsheet template (and uploaded data file).</p> <hr/> <p> Important: Some column names are long, and must be wrapped over more than one line in this document. In all cases, the wrapped text should be continuous on a single line without white space in the template column names.</p>
Example values	Some sample data, or in some cases the list of supported values. When such a list is present, ensure that each row has a value that is an exact match for one of the available values (except that the validation is case insensitive).
Details	Describes the data required in the spreadsheet column, including many of the indicators described below.
<i>Type</i>	The data type of the contents of the spreadsheet column.
<i>max</i>	For types that have a maximum capacity, the upper limit is provided in parentheses.
<i>Key</i>	The word “Key” appears when a column is a unique key field for data matching between the row of the spreadsheet and the data in the central database table (the destination for the data). Keep in mind that a single spreadsheet may include data destined for multiple database tables; and even within a single database table, it is possible for several database columns to be part of the key. For these reasons, this indicator may appear in several rows in the documentation list.
<i>Nullable</i>	If this indicator is present, the spreadsheet column may be left blank (and the target database entity allows nulls). Be careful about spaces in a cell of your spreadsheet: white space is a valid value, and is not equivalent to a null.
Destination	<p>Where the imported data is eventually saved in the central database for FlexNet Manager Suite. This is given with a dot separating the database table and the column name within the table, in the format <i>tableName.columnName</i>. For further details on these database tables and columns, see the other chapters in this volume.</p> <hr/> <p> Tip: A single value in the imported spreadsheet may update data in more than one database column. Where that happens, this Destination listing shows the multiple destinations for the individual row.</p>

Mapping templates to topics

The following table relates the template names (and the related prompts in the web interface) to the topics in this section that describe the individual columns within the templates. Templates are listed alphabetically. The naming of

the following topics is driven by the related table names in the underlying database schema, so this list helps map the real world presentation to the database.



Tip: Templates are provided in matching pairs of XLSX and CSV files. As these are structurally identical, only the base file name (without an extension) is listed here.

Template file name	Web prompt	See topic
Cluster	Cluster evidence	<i>ConsolidatedCluster Template</i>
ClusterGroup	Cluster group data	<i>ConsolidatedClusterGroup Template</i>
ClusterHostAffinityRule	Cluster host affinity rule data	<i>ConsolidatedClusterHostAffinityRule Template</i>
Computer	Computers and VMs	<i>ConsolidatedComputer Template</i>
FileEvidence	File evidence	<i>ConsolidatedFileEvidence Template</i>
InstallerEvidence	Installation evidence	<i>ConsolidatedInstallerEvidence Template</i>
OracleDatabaseUser	Oracle Database user	<i>ConsolidatedOracleDatabaseUser Template</i>
RemoteAccessFile	Access shown by file evidence	<i>ConsolidatedRemoteAccessFile Template</i>
RemoteAccessInstaller	Access shown by installer evidence	<i>ConsolidatedRemoteAccessInstaller Template</i>
VMPool	Virtual machine pool data	<i>ConsolidatedVMPool Template</i>
WMIEvidence	WMI evidence	<i>ConsolidatedWMIEvidence Template</i>

Compliance.InventoryReader.Logic Tables

The complete set of database tables documented here includes:

- ConsolidatedAccessEvidence table (see [ConsolidatedAccessEvidence Template](#))
- ConsolidatedCluster table (see [ConsolidatedCluster Template](#))
- ConsolidatedClusterGroup table (see [ConsolidatedClusterGroup Template](#))
- ConsolidatedClusterHostAffinityRule table (see [ConsolidatedClusterHostAffinityRule Template](#))
- ConsolidatedComputer table (see [ConsolidatedComputer Template](#))
- ConsolidatedFileEvidence table (see [ConsolidatedFileEvidence Template](#))
- ConsolidatedInstallerEvidence table (see [ConsolidatedInstallerEvidence Template](#))
- ConsolidatedOracleDatabaseUser table (see [ConsolidatedOracleDatabaseUser Template](#))

- ConsolidatedRemoteAccessFile table (see [ConsolidatedRemoteAccessFile Template](#))
- ConsolidatedRemoteAccessInstaller table (see [ConsolidatedRemoteAccessInstaller Template](#))
- ConsolidatedVMPool table (see [ConsolidatedVMPool Template](#))
- ConsolidatedWMIEvidence table (see [ConsolidatedWMIEvidence Template](#))

ConsolidatedAccessEvidence Template

ConsolidatedAccessEvidence provides a simpler interface to specify client access happening on application installed on server computers. It combines the server computer, and its access evidence details into a single row.

Table 904: Columns included with ConsolidatedAccessEvidence templates

Column	Details
ComputerID	<p><i>Type:</i> big integer. Key</p> <p>The identifier used in the source connection for the computer. It must match the ComputerID from the Computer spreadsheet or the row will be ignored.</p> <p>Destination:</p> <p><code>ImportedClientAccessedAccessEvidence.ImportedClientAccessedAccessEvidenceID</code></p> <p><code>ImportedClientAccessedAccessEvidence.ExternalServerComputerID</code></p> <p><code>ImportedClientAccessedAccessOccurrence.ImportedClientAccessedAccessEvidenceID</code></p>
ProductName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The product name of the software as reported by the access evidence.</p> <p>Destination:</p> <p><code>ImportedClientAccessEvidence.ExternalAccessEvidenceID</code></p> <p><code>ImportedClientAccessEvidence.ProductName</code></p> <p><code>ImportedClientAccessedAccessEvidence.ImportedClientAccessedAccessEvidenceID</code></p> <p><code>ImportedClientAccessedAccessEvidence.ExternalAccessEvidenceID</code></p> <p><code>ImportedClientAccessedAccessOccurrence.ImportedClientAccessedAccessEvidenceID</code></p>

Column	Details
Version	<p>Type: text (max 72 characters). Key. Nullable</p> <p>The version of the software as reported by the access evidence.</p> <p>Destination:</p> <p>ImportedClientAccessEvidence.ExternalAccessEvidenceID</p> <p>ImportedClientAccessEvidence.Version</p> <p>ImportedClientAccessedAccessEvidence.ImportedClientAccessedAccessEvidenceID</p> <p>ImportedClientAccessedAccessEvidence.ExternalAccessEvidenceID</p> <p>ImportedClientAccessedAccessOccurrence.ImportedClientAccessedAccessEvidenceID</p>
Edition	<p>Type: text (max 50 characters). Key. Nullable</p> <p>The edition of the software as reported by the access evidence.</p> <p>Destination:</p> <p>ImportedClientAccessEvidence.ExternalAccessEvidenceID</p> <p>ImportedClientAccessEvidence.Edition</p> <p>ImportedClientAccessedAccessEvidence.ImportedClientAccessedAccessEvidenceID</p> <p>ImportedClientAccessedAccessEvidence.ExternalAccessEvidenceID</p> <p>ImportedClientAccessedAccessOccurrence.ImportedClientAccessedAccessEvidenceID</p>
AccessingDeviceIPAddress	<p>Type: text (max 256 characters). Key. Nullable</p> <p>IP Address of the accessing device.</p> <p>Destination:</p> <p>ImportedAccessingDevice.ExternalAccessingDeviceID</p> <p>ImportedAccessingDevice.IPAddress</p> <p>ImportedClientAccessedAccessEvidence.ImportedClientAccessedAccessEvidenceID</p> <p>ImportedClientAccessedAccessEvidence.ExternalAccessingDeviceID</p> <p>ImportedClientAccessedAccessOccurrence.ImportedClientAccessedAccessEvidenceID</p>

Column	Details
AccessingDevice ComputerName	<p>Type: text (max 256 characters). Key. Nullable</p> <p>IP Address of the device accessing the product.</p> <p>Destination:</p> <p>ImportedAccessingDevice.ExternalAccessingDeviceID</p> <p>ImportedAccessingDevice.ComputerName</p> <p>ImportedClientAccessedAccessEvidence.ImportedClient AccessedAccessEvidenceID</p> <p>ImportedClientAccessedAccessEvidence.ExternalAccessing DeviceID</p> <p>ImportedClientAccessedAccessOccurrence.ImportedClient AccessedAccessEvidenceID</p>
AccessingDeviceSerialNo	<p>Type: text (max 100 characters). Nullable</p> <p>Serial number of the device accessing the product.</p> <p>Destination:</p> <p>ImportedAccessingDevice.SerialNo</p>
AccessingDeviceDomain	<p>Type: text (max 100 characters). Key. Nullable</p> <p>Domain name of the device accessing the product.</p> <p>Destination:</p> <p>ImportedAccessingDevice.ExternalAccessingDeviceID</p> <p>ImportedAccessingDevice.Domain</p> <p>ImportedClientAccessedAccessEvidence.ImportedClient AccessedAccessEvidenceID</p> <p>ImportedClientAccessedAccessEvidence.ExternalAccessing DeviceID</p> <p>ImportedClientAccessedAccessOccurrence.ImportedClient AccessedAccessEvidenceID</p>

Column	Details
AccessingUser	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The DOMAIN/SAMAccountName of the user accessing the product.</p> <p>Destination:</p> <p>ImportedAccessingUser.ExternalAccessingUserID</p> <p>ImportedAccessingUser.UserName (Element 2 after splitting on '\')</p> <p>ImportedAccessingUser.DomainName (Element 1 after splitting on '\')</p> <p>ImportedClientAccessedAccessEvidence.ImportedClientAccessedAccessEvidenceID</p> <p>ImportedClientAccessedAccessEvidence.ExternalAccessingUserID</p> <p>ImportedClientAccessedAccessOccurrence.ImportedClientAccessedAccessEvidenceID</p>
AccessDate	<p>Type: datetime. Key. Nullable</p> <p>The date that the product was accessed. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p> <p>ImportedClientAccessedAccessOccurrence.AccessDate</p> <p>ImportedClientAccessedAccessOccurrence.LicenseDate</p>
AccessCount	<p>Type: integer. Nullable</p> <p>Number of times the product was accessed on the given access date.</p> <p>Destination:</p> <p>ImportedClientAccessedAccessOccurrence.AccessCount</p>

Column	Details
InventoryDate	<p>Type: datetime. Nullable</p> <p>The date (and optionally time) the access evidence record was inventoried.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p> <p>ImportedClientAccessedAccessOccurrence.InventoryDate</p>
ClientAccessSource	<p>Type: text (max 100 characters). Nullable</p> <p>The source type of the access evidence.</p> <p>Destination:</p> <p>ImportedClientAccessedAccessEvidence.ClientAccessSource</p>

ConsolidatedCluster Template

The Cluster spreadsheet provides a simple interface for defining server clustering. It is useful when combined with the ClusterGroup and ClusterHostAffinityRule spreadsheets.

Table 905: Columns included with ConsolidatedCluster templates

Column	Details
ClusterID	<p>Type: big integer. Key</p> <p>The unique identifier for this imported cluster. This may be a string or an integer.</p> <p>Destination:</p> <p>ImportedCluster.ExternalID</p>

Column	Details
ClusterName	<p>Type: text (max 128 characters)</p> <p>The name of the cluster in the external cluster management system.</p> <p>Destination:</p> <p><code>ImportedCluster.ExternalName</code></p> <p><code>ImportedCluster.Name</code></p>
Namespace	<p>Type: text (max 256 characters). Nullable</p> <p>Where the cluster is contained: + The fully-qualified domain name (for HyperV clusters) - example: 'france.thc.myenterprise.com' + The datacenter name (for VMWare clusters) - example: 'MelProdDataCenter'</p> <p>Destination:</p> <p><code>ImportedCluster.Namespace</code></p>
ClusterType	<p>Type: text (max 128 characters)</p> <p>The kind of cluster. The value must be an exact case-insensitive match to one of the permitted values.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • vMotion Cluster • Hyper-V Cluster • Host Affinity Group • VM Affinity Group • Oracle VM <p>Destination:</p> <p><code>ImportedCluster.ClusterTypeID</code></p>

Column	Details
InventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date (with optional time) that the cluster last had inventory reported. The date must be entered in one of the supported formats.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p> <p>ImportedCluster.InventoryDate</p>
InventoryAgent	<p><i>Type:</i> text (max 64 characters). Nullable</p> <p>The name of the person or tool that performed the last inventory. For imported spreadsheets, you may wish to include the name of the person preparing the data, in case there is subsequent follow-up required.</p> <p>Destination:</p> <p>ImportedCluster.InventoryAgent</p>
DRS	<p><i>Type:</i> boolean. Nullable</p> <p>Whether Distributed Resource Scheduler (DRS) is enabled on the cluster.</p> <p>Possible values:</p> <p>true, false, 0 or 1</p> <p>Destination:</p> <p>ImportedCluster.DRS</p>
DPM	<p><i>Type:</i> boolean. Nullable</p> <p>Whether Distributed Power Management (DPM) is enabled on the cluster.</p> <p>Possible values:</p> <p>true, false, 0 or 1</p> <p>Destination:</p> <p>ImportedCluster.DPM</p>

ConsolidatedClusterGroup Template

The ClusterGroup spreadsheet uses data from the Cluster spreadsheet and defines groups of servers as well as computers that are members of these groups.

Table 906: Columns included with ConsolidatedClusterGroup templates

Column	Details
ClusterID	<p><i>Type:</i> big integer. Key</p> <p>The unique identifier for the imported cluster. This may be a string or an integer and must match a value for the ClusterID in the cluster spreadsheet.</p> <p>Destination:</p> <p>ImportedClusterGroup.ClusterExternalID</p>
ClusterGroupID	<p><i>Type:</i> big integer. Key</p> <p>The unique identifier for this cluster group. This may be a string or an integer.</p> <p>Destination:</p> <p>ImportedClusterGroup.ExternalID</p> <p>ImportedClusterGroupMember.ClusterGroupExternalID</p>
ClusterGroupName	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The name of the cluster group. Depending on the value of the ClusterGroupType this will be a group of hosts or virtual machines.</p> <p>Destination:</p> <p>ImportedClusterGroup.Name</p>
ClusterGroupType	<p><i>Type:</i> text (max 128 characters)</p> <p>The kind of cluster included in the group. The value must be an exact case-insensitive match to one of the permitted values.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • vMotion Cluster • Hyper-V Cluster • Host Affinity Group • VM Affinity Group • Oracle VM <p>Destination:</p> <p>ImportedClusterGroup.ClusterTypeID</p>

Column	Details
ComputerID	<p><i>Type:</i> big integer. Key</p> <p>The identifier used in the 'Computer' spreadsheet for a computer which is a member of the group. To identify all the members of the group, repeat as many lines as required in your spreadsheet where the other values in the row are identical, and only the 'ComputerID' value changes. Values in this column must match a ComputerID in the computer spreadsheet or the row will be skipped.</p> <p><i>Destination:</i></p> <p>ImportedClusterGroupMember.ComputerExternalID</p>

ConsolidatedClusterHostAffinityRule Template

The ClusterHostAffinity spreadsheet defines the groups of virtual machines which may run on groups of host servers.

Table 907: Columns included with ConsolidatedClusterHostAffinityRule templates

Column	Details
ClusterID	<p><i>Type:</i> big integer. Key</p> <p>The unique identifier for the imported cluster, to which this affinity rule applies. This may be a string or an integer and must match a ClusterID from the cluster spreadsheet.</p> <p><i>Destination:</i></p> <p>ImportedClusterHostAffinityRule.ClusterExternalID</p>
Name	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The name of the cluster host affinity rule.</p> <p><i>Destination:</i></p> <p>ImportedClusterHostAffinityRule.Name</p>
ClusterHostGroupName	<p><i>Type:</i> big integer. Key</p> <p>The name of the group of hosts that the ClusterVMGroupName virtual machines may run on.</p> <p><i>Destination:</i></p> <p>ImportedClusterHostAffinityRule.ClusterHostGroupExternalID</p>
ClusterVMGroupName	<p><i>Type:</i> big integer. Key</p> <p>The name of the virtual machine group that may run on the ClusterHostGroupName hosts.</p> <p><i>Destination:</i></p> <p>ImportedClusterHostAffinityRule.ClusterVMGroupExternalID</p>

Column	Details
ClusterHostAffinity	<i>Type:</i> text (max 128 characters)
RuleType	<p>The type of affinity rule. The value must be an exact case-insensitive match to one of the permitted values.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • must run on • must not run on <p>Destination:</p> <p><code>ImportedClusterHostAffinityRule.ClusterHostAffinityRuleTypeID</code></p>

ConsolidatedComputer Template

'ConsolidatedComputer' consolidates data for the Computer, VirtualMachine, Domain, User and Cluster objects, providing a simpler way to populate this information. Any spreadsheet row that includes a 'HostComputerID' is making that row a virtual machine, and the import process expects that virtualization data will be provided.

Table 908: Columns included with ConsolidatedComputer templates

Column	Details
ComputerID	<p><i>Type:</i> big integer. Key</p> <p>The unique identifier for a computer (either physical or virtual). This identifier can either be an integer or a string. Keep this consistent across multiple imports: it is used to track the computer over time.</p> <p>Destination:</p> <p><code>ImportedComputer.ExternalID</code></p> <p><code>ImportedVirtualMachine.VMComputerID</code></p> <p><code>ImportedClusterNode.ComputerExternalID</code></p> <p><code>ImportedCloudServiceInstance.ExternalComputerID</code></p>
ComputerName	<p><i>Type:</i> text (max 256 characters)</p> <p>The name of the computer. In Windows, this is the NetBIOS name of the local computer, as returned by <code>GetComputerName()</code>. For UNIX, it is the host name of the machine, as returned by <code>gethostname(2)</code>.</p> <p>Destination:</p> <p><code>ImportedComputer.ComputerName</code></p>

Column	Details
DomainFlatName	<p><i>Type:</i> text (max 100 characters). Key. Nullable</p> <p>The flatname of the domain of the computer. Example: 'mycompany'.</p> <p><i>Destination:</i></p> <p>ImportedDomain.FlatName</p>
DomainQualifiedName	<p><i>Type:</i> text (max 100 characters). Key. Nullable</p> <p>The fully qualified domain name for the computer. Example: 'prod.mycompany.eu'.</p> <p><i>Destination:</i></p> <p>ImportedComputer.Domain</p> <p>ImportedDomain.QualifiedName</p>
BIOSUUID	<p><i>Type:</i> unique identifier. Nullable</p> <p>The BIOS UUID of the computer (physical or virtual), as provided by the operating system.</p> <p>Possible values:</p> <p>93B5BE3B-88B0-450E-9F75-F6294210DFA0</p> <p><i>Destination:</i></p> <p>ImportedComputer.UUID</p>
OperatingSystem	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operating system of the computer. For virtual machines, it is the configured operating system of the guest. Note that this operating system identification is not used for licensing.</p> <p><i>Destination:</i></p> <p>ImportedComputer.OperatingSystem</p> <p>ImportedVirtualMachine.GuestFullName</p>
ServicePack	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The service pack installed for the operating system.</p> <p><i>Destination:</i></p> <p>ImportedComputer.ServicePack</p>
EmailAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The email address associated with the device. Typically used for mobile devices.</p> <p><i>Destination:</i></p> <p>ImportedComputer.EmailAddress</p>
PhoneNumber	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The phone number of the device. Used for mobile devices.</p> <p><i>Destination:</i></p> <p>ImportedComputer.PhoneNumber</p>

Column	Details
Manufacturer	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The manufacturer of the computer hardware. Some examples include:</p> <ul style="list-style-type: none"> • On Windows, the SMBios manufacturer (the WMI Manufacturer property of the 'Win32_ComputerSystem' class). • On Linux, 'Manufacturer' in the 'System Information' section resulting from the 'dmidecode' command. Sample command: 'dmidecode -s system-manufacturer' • On Solaris x86, as for Linux, with failovers first to 'sysinfo SI_HW_PROVIDER' and then to 'ModelNo'. • On Solaris SPARC, the 'sysinfo SI_HW_PROVIDER'. Typically this value is 'Sun_Microsystems' or, more recently, 'Oracle Corporation'. Failover to the 'ModelNo'. • On HP-UX, the string literal 'HP'. • On AIX, the 'modelname' system attribute preceding the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use 'IBM'. This value is typically 'IBM'. <p>Destination:</p> <p><code>ImportedComputer.Manufacturer</code></p> <p><code>ImportedVirtualMachine.Manufacturer</code></p>

Column	Details
ModelNo	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The model of the computer hardware or the virtual machine. This value is defined for the context of the current execution environment, rather than the physical server that may be hosting a virtual machine or partition. Examples:</p> <ul style="list-style-type: none"> • On Windows, the SMBios product name. The WMI Model property of the Win32_ComputerSystem class. • On Linux, the SMBios product name read using the command 'dmidecode -s system-product-name'. Specifically, the 'System Information' section and the 'Product Name' in that section is used. • On Solaris x86, as for Linux, with failover to the 'sysinfo SI_PLATFORM', stripping 'SUNW', and replacing hyphen characters with space characters. • On Solaris SPARC, the 'openprom' "banner-name" value read from '/dev/openprom'. Failover to the 'sysinfo SI_PLATFORM', stripping 'SUNW', and replacing hyphen characters with space characters. • On HP-UX, the 'confstr_CS_MACHINE_MODEL'. • On AIX, the 'modelname' system attribute following the comma character. For example, if the 'modelname' system attribute is 'IBM,8202-E4B', then use '8202-E4B'. <p><i>Destination:</i></p> <p>ImportedComputer.ModelNo</p> <p>ImportedVirtualMachine.ModelNo</p>

Column	Details
SerialNo	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The hardware serial number of the computer. The goal of this value is to be tied to the physical hardware, partition or virtual machine and to be as unique as possible across all computers in the organization. This is due to its use in tracking computers, particularly after an operating system rebuild. This value is also used to socialize computer inventory from different inventory sources, and is used to map virtual machine guest operating system inventory to the VM host on which the virtual machine is running. Example sources:</p> <ul style="list-style-type: none"> • On Windows, the SMBios serial number. The WMI 'SerialNumber' property of the 'Win32_BIOS' class. Can fail over to the 'SerialNumber' property of the 'Win32_SystemEnclosure' class which is typically the same value. • On Linux, the SMBios serial number read using the command 'dmidecode -s system-serial-number'. Specifically, the 'System Information' section and the 'Serial Number' in that section is used. • On Solaris 10 8/07 or later, for a non-global zone, the UUID value from the /etc/zones/index file. For a global zone, the same as Solaris 10 releases earlier than 8/07. • For Solaris 10 releases earlier than 8/07, the hexadecimal version of 'SI_HW_SERIAL' with an appended hyphen character followed by the Zone's name. For example, '838bfc7b-global' or '838bfc7b-myzone'. • For Solaris 8 and 9, The hexadecimal version of 'SI_HW_SERIAL'. • For Mac OS X, the serial number of the machine as printed on the packaging and found in "About this Mac" from the desktop. • For HP-UX, the 'confstr_CS_PARTITION_IDENT' partition identifier if it is an nPar or vPar, or '_CS_MACHINE_IDENT' if not; with a failover to the machine serial number, and a final failover to the 'uname' machine identification number. • For AIX, the 'id_to_partition' system attribute, starting from the third character (strips a '0X' from the start). For example, if the 'id_to_partition' system attribute is '0X0473409002F7B201' then use '0473409002F7B201'. <p>Destination:</p> <p>ImportedComputer.SerialNo</p>

Column	Details
ChassisType	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The type of case of the computer. The value must be a (case insensitive) exact match for one of the values shown. Note that some license types use this information to optimize the licensing position, particularly with desktop and laptop computers.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.ChassisType</code></p>
TotalMemory	<p><i>Type:</i> big integer. Nullable</p> <p>The total RAM in the computer, in bytes.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.TotalMemory</code></p>
NumberOfDisplayAdapters	<p><i>Type:</i> integer. Nullable</p> <p>The number of graphics cards in the computer.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.NumberOfDisplayAdapters</code></p>
VirtualMachineUUID	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The unique identifier of the virtual machine provided by the virtualization infrastructure. (This may have the same value as the 'BIOSUUID', or have byte order reversed, or be altogether different.)</p> <p><i>Destination:</i></p> <p><code>ImportedVirtualMachine.UUID</code></p>
IMEI	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>IMEI (International Mobile Equipment Identity) is a 15- or 17-digit code that uniquely identifies mobile phone sets. Leave blank (null) for other device types.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.IMEI</code></p>
NumberOfProcessors	<p><i>Type:</i> integer. Nullable</p> <p>The total number of physical processors (CPU) in the computer. Note that a number of server-based licenses depend on complete details of the processor types, counts and speeds to calculate a correct license position.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.NumberOfProcessors</code></p> <p><code>ImportedVirtualMachine.NumberOfProcessors</code></p>

Column	Details
ProcessorType	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The descriptive string of the processor(s) in the computer. This may be a comma-separated list in the case where there is more than one physical processor in the system. Note that a number of server-based licenses depend on complete details of the processor types, counts and speeds to calculate a correct license position.</p> <p>Destination:</p> <p><code>ImportedComputer.ProcessorType</code></p> <p><code>ImportedVirtualMachine.ProcessorType</code></p>
MaxClockSpeed	<p><i>Type:</i> integer. Nullable</p> <p>The maximum clock speed of the fastest processor in the computer in megahertz. Note that a number of server-based licenses depend on complete details of the processor types, counts and speeds to calculate a correct license position.</p> <p>Destination:</p> <p><code>ImportedComputer.MaxClockSpeed</code></p>
NumberOfCores	<p><i>Type:</i> integer. Nullable</p> <p>The total number of cores in the computer. If there is more than one physical processor in the computer, then this would be the sum of the core counts for all the processors. For example, in a computer with two quad-core processors, this value would be 8. Note that a number of server-based licenses depend on complete details of the processor types, counts and speeds to calculate a correct license position.</p> <p>Destination:</p> <p><code>ImportedComputer.NumberOfCores</code></p> <p><code>ImportedCloudServiceInstance.CoreCount</code></p>
NumberOfSockets	<p><i>Type:</i> integer. Nullable</p> <p>The number of physical sockets into which a processor may be placed in the computer. It is rare that an inventory source can know this value. If unset, it is typically approximated by the number of processors.</p> <p>Destination:</p> <p><code>ImportedComputer.NumberOfSockets</code></p>

Column	Details
NumberOfLogicalProcessors	<p><i>Type:</i> integer. Nullable</p> <p>The number of logical processors in the computer. This is the number of 'execution contexts' the operating system has access to. It will commonly be equivalent to the number processors in a single core, non-multi-threaded processor architecture, to the number of cores in a multi-core single threaded processor architecture, and to the number of threads in a multi-threaded processor architecture. For example, in a two processor, quad-core and hyper-threaded computer, this value would be 16. Note that a number of server-based licenses depend on complete details of the processor types, counts and speeds to calculate a correct license position.</p> <p>Destination:</p> <p><code>ImportedComputer.NumberOfLogicalProcessors</code></p>
PartialNumberOfProcessors	<p><i>Type:</i> decimal. Nullable</p> <p>Used in processor-based licensing, this is the non-integer number of cores allocated to this partition or virtual machine. When this property is null, the 'NumberOfCores' is used. Note that a number of server-based licenses depend on complete details of the processor types, counts and speeds to calculate a correct license position.</p> <p>Possible values:</p> <p>120.45</p> <p>Destination:</p> <p><code>ImportedComputer.PartialNumberOfProcessors</code></p>
NumberOfHardDrives	<p><i>Type:</i> integer. Nullable</p> <p>The number of physical hard drives in the computer. While the intent is physical drives, often this can end up being the number of disk partitions.</p> <p>Destination:</p> <p><code>ImportedComputer.NumberOfHardDrives</code></p> <p><code>ImportedVirtualMachine.NumberOfHardDrives</code></p>
TotalDiskSpace	<p><i>Type:</i> big integer. Nullable</p> <p>The total size of all hard drives in the computer in bytes. Note that this can be a very large number on modern systems. The maximum value for a bigint is 9,223,372,036,854,775,807, which can represent about 9.2 exabyte. While in practice it is unlikely that this size of storage capacity is reached for a single system, some systems can end up with large values through virtualized drives. Therefore, it is worth considering capping values when calculating total disk space, particularly when converting values from kilobytes or megabytes to bytes.</p> <p>Destination:</p> <p><code>ImportedComputer.TotalDiskSpace</code></p>

Column	Details
NumberOfNetworkCards	<p><i>Type:</i> integer. Nullable</p> <p>The number of network cards in the computer.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.NumberOfNetworkCards</code></p> <p><code>ImportedVirtualMachine.NumberOfNetworkCards</code></p>
IPAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The IP address of the computer in IPv4 or IPv6 format. This may be a comma-separated list if there is more than one active network adapter in the system. Do not include inactive network adapters and network adapters with invalid IP addresses. Examples:</p> <ul style="list-style-type: none"> • '69.89.31.226' • '2002:4559:1FE2::4559:1FE2' <p><i>Destination:</i></p> <p><code>ImportedComputer.IPAddress</code></p>
MACAddress	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The MAC address of the computer. This may be a comma-separated list if there is more than one active network adapter in the system. Do not include inactive network adapters and network adapters with invalid MAC addresses.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.MACAddress</code></p> <p><code>ImportedCloudServiceInstance.MACAddress</code></p>
LastLoggedOnUser	<p><i>Type:</i> text (max 128 characters). Key. Nullable</p> <p>The DOMAIN/SAMAccountName of the user last logged onto the computer.</p> <p><i>Destination:</i></p> <p><code>ImportedComputer.LastLoggedOnUser</code></p> <p><code>ImportedUser.ExternalID</code></p> <p><code>ImportedUser.UserName</code> (Element 2 after splitting on '\')</p> <p><code>ImportedUser.Domain</code> (Element 1 after splitting on '\')</p> <p><code>ImportedUser.SAMAccountName</code> (Element 2 after splitting on '\')</p>

Column	Details
LastLogonDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time when the user last logged on to the computer. The date must be entered in one of the supported formats.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p>
CalculatedUser	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The domain/SAMAccountName of the calculated user. Some inventory systems calculate the user who owns a computer. For example, it might be the user who, over the last ten logins, logged in most often.</p> <p>Destination:</p> <p>ImportedComputer.CalculatedUser</p>
HostComputerID	<p><i>Type:</i> text (max 256 characters). Key. Nullable</p> <p>The ComputerID of the server this virtual machine is hosted on. This may be a string or an integer and must match the ComputerID for another computer in this spreadsheet.</p> <p>Destination:</p> <p>ImportedVirtualMachine.HostComputerID</p> <p>ImportedCloudServiceInstance.HostComputerID</p>

Column	Details
VirtualMachineType	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The type of the virtual machine. If present, the value must be a (case insensitive) exact match to one of the values shown.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • VMware • HyperV • LPAR • WPAR • nPar • vPar • SRP • Zone • Unknown • Oracle VM • AWS EC2 • Linux KVM <p>Destination:</p> <p>ImportedVirtualMachine.VirtualMachineType</p>
VMEnabledState	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The operational state of the virtual machine. If present, the value must be a (case insensitive) exact match to one of the values shown.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Started • Stopped • Suspended • Unknown • Terminated <p>Destination:</p> <p>ImportedVirtualMachine.VMEnabledStateID</p> <p>ImportedCloudServiceInstance.VMEnabledStateID</p>

Column	Details
AffinityEnabled	<p><i>Type:</i> boolean</p> <p>Set this to true (or 1) if this VM has affinity for its current host (so that it is unable to move to different host computers).</p> <p>Possible values:</p> <p>true, false, 0 or 1</p> <p>Destination:</p> <p>ImportedVirtualMachine.AffinityEnabled</p>
CPUAffinity	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>Contains a comma-separated list of processor numbers (Host Logical Processors) or ranges for which this virtual machine has affinity. Example: 1,3-5,8</p> <p>Destination:</p> <p>ImportedVirtualMachine.CPUAffinity</p>
CoreAffinity	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>Contains a comma-separated list of core numbers (or ranges) for which this virtual machine has affinity. Cores are numbered sequentially up the sequence of processors. Example: 1,5-8,10</p> <p>Destination:</p> <p>ImportedVirtualMachine.CoreAffinity</p>
ComplianceComputerType	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>If you know that the computer is a virtual machine or VM host, record that data here. If you are unsure, leave this cell empty (NULL): this allows the system to infer the computer type (for example, a computer with VMs linked to it is inferred to be a VM host). If data comes from multiple inventory sources, leaving this value as null also allows the value to be inserted from another source. So, unless there is a very good reason, do not just specify 'Computer', but allow the inference rules to help.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Computer • VM Host • Virtual Machine • Remote Device • Mobile Device • VDI Template <p>Destination:</p> <p>ImportedComputer.ComplianceComputerTypeID</p>

Column	Details
HostIdentifyingNumber	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>A physical server may have an identifier that is unique only across that hardware model, and may be less unique than the true hardware serial number, for example. This value is typically set for physical machines only, which include virtualization hosts, partitioned server hosts, and standalone machines. For a partitioned server, this value can be reported by each of the partitions on that server, such that a record of the physical computer can be created using one of the instances of this value. This value is used for matching computers.</p> <p>Destination:</p>
HostType	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The type of the physical host computer. This value is similar to the model number, but it is always for the physical server that an execution context may be running on. Therefore, this will generally be a known value for standalone machines and partitions, but it will not be known for virtual machines. This value is used for matching computers. Examples:</p> <ul style="list-style-type: none"> • 'i86pc' • 'Sun-Fire-T1000' • 'rx7620' • '785' (for a 9000/785/C3700) • '8202' (for an IBM,8202-E4B). <p>Destination:</p>
VMLocation	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>Location of the virtual machine on the file system.</p> <p>Destination:</p> <p>ImportedVirtualMachine.VMLocation</p>
PoolName	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The name of the pool that the virtual machine belongs to.</p> <p>Destination:</p> <p>ImportedVirtualMachine.PoolName</p>

Column	Details
PoolType	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The type of the pool that the virtual machine belongs to.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Folder • Datacenter • ComputeResource • HostSystem • ResourcePool • VirtualMachine • PhysicalSharedPool • VirtualSharedPool • LPAR • RSET • ClusterComputeResource • PSET <p>Destination:</p> <p>ImportedVirtualMachine.PoolType</p>
CPUUsage	<p><i>Type:</i> integer. Nullable</p> <p>The maximum CPU usage of the virtual machine (MHz).</p> <p>Destination:</p> <p>ImportedVirtualMachine.CPUUsage</p>
MemoryUsage	<p><i>Type:</i> big integer. Nullable</p> <p>The maximum memory usage of the virtual machine (bytes).</p> <p>Destination:</p> <p>ImportedVirtualMachine.MemoryUsage</p>

Column	Details
InventoryDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date (and optionally time) the computer last had inventory reported. This field is generally used for differential updates (that is, if the date/time has not changed since the previous import, the data record is not imported/updated). The date must be entered in one of the supported formats.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p> <p>ImportedComputer.InventoryDate</p> <p>ImportedCloudServiceInstance.InventoryDate</p>
ClusterID	<p><i>Type:</i> big integer. Key. Nullable</p> <p>The unique identifier for the cluster containing this computer. This must match the ClusterID used in the Cluster spreadsheet. If both the ClusterID and the ClusterNodeType do not match the data provided in the Cluster spreadsheet then the computer will not be associated with a cluster.</p> <p>Destination:</p> <p>ImportedClusterNode.ClusterExternalID</p>

Column	Details
ClusterNodeType	<p><i>Type:</i> text (max 128 characters). Nullable</p> <p>The Cluster node type of the computer. Must be a (case insensitive) exact match for one of the values shown. If both the ClusterID and the ClusterNodeType do not match the data provided in the Cluster spreadsheet then the computer will not be associated with a cluster.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Active • Passive • Hot • Warm • Cold <p>Destination:</p> <p><code>ImportedClusterNode.ClusterNodeTypeID</code></p>
HostID	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The HostID hardware property for the server hosting this machine partition (when inventorying a machine partition such as Solaris Zone, AIX lPar, HP-UX nPar/vPar).</p> <p>Destination:</p> <p><code>ImportedComputer.HostID</code></p> <p><code>ImportedCloudServiceInstance.HostID</code></p>
FirmwareSerialNumber	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The Serial number in the system firmware such as BIOS, EEPROM etc.</p> <p>Destination:</p> <p><code>ImportedComputer.FirmwareSerialNumber</code></p>
MachineID	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>For AIX, it is the System ID. For HP-UX, it is the Machine/Software ID. It is unset for other platforms.</p> <p>Destination:</p> <p><code>ImportedComputer.MachineID</code></p>
InstanceCloudID	<p><i>Type:</i> text (max 256 characters). Key. Nullable</p> <p>The ID of the cloud instance.</p> <p>Destination:</p> <p><code>ImportedCloudServiceInstance.InstanceCloudID</code></p>

Column	Details
CloudServiceProvider	<p><i>Type:</i> text (max 256 characters). Key. Nullable</p> <p>A unique identifier for a cloud service provider record.</p> <p><i>Destination:</i></p> <p><code>ImportedCloudServiceInstance.CloudServiceProvider</code></p>
InstanceAffinity	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The affinity setting for the instance on the Dedicated Host.</p> <p><i>Destination:</i></p> <p><code>ImportedCloudServiceInstance.InstanceAffinity</code></p>
ImageID	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The ID of the image used to launch the instance.</p> <p><i>Destination:</i></p> <p><code>ImportedCloudServiceInstance.ImageID</code></p>
LaunchTime	<p><i>Type:</i> datetime. Nullable</p> <p>The time the cloud instance was launched or the Reserved Instance started.</p> <p><i>Possible values:</i></p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p><i>Destination:</i></p> <p><code>ImportedCloudServiceInstance.LaunchTime</code></p>
NetworkID	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The ID of the Virtual Private Cloud.</p> <p><i>Destination:</i></p> <p><code>ImportedCloudServiceInstance.NetworkID</code></p>

Column	Details
LifecycleMode	<p>Type: text (max 256 characters). Nullable</p> <p>The time the instance was launched.</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.LifecycleMode</p>
Account	<p>Type: text (max 256 characters). Nullable</p> <p>The Account that is used to create the instance.</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.Account</p>
ThreadsPerCore	<p>Type: integer. Nullable</p> <p>The number of thread per core of the instance.</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.ThreadsPerCore</p>
InstanceType	<p>Type: text (max 256 characters). Nullable</p> <p>Cloud provider instance type.</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.InstanceType</p>
Region	<p>Type: text (max 256 characters). Nullable</p> <p>Region of the instance or host.</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.Region</p>
AvailabilityZone	<p>Type: text (max 256 characters). Nullable</p> <p>Location of the instance or host.</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.AvailabilityZone</p>
InstanceTenancy	<p>Type: text (max 256 characters). Nullable</p> <p>Instance tenancy of the instance or host</p> <p>Destination:</p> <p>ImportedCloudServiceInstance.InstanceTenancy</p>

ConsolidatedFileEvidence Template

ConsolidatedFileEvidence provides a simpler interface to specify files and their usage on computers. It combines the computer, file evidence and usage details into a single row.

Table 909: Columns included with ConsolidatedFileEvidence templates

Column	Details
ComputerID	<p><i>Type:</i> big integer. Key</p> <p>The identifier used in the source connection for the computer. It must match the ComputerID from the Computer spreadsheet or the row will be ignored.</p> <p>Destination:</p> <p>ImportedInstalledFileEvidence.ExternalID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalID</p>
FileName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The name of the file used as evidence of software installation. For unix operating systems include the full path in the file name, including the opening '/'. For Windows operating systems the file path is specified in the FilePath column and this column must only contain the file name.</p> <p>Destination:</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.FileName</p> <p>ImportedInstalledFileEvidence.ExternalFileID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalFileID</p>
FileVersion	<p><i>Type:</i> text (max 100 characters). Key. Nullable</p> <p>The version number of the file used as evidence of software installation.</p> <p>Destination:</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.FileVersion</p> <p>ImportedInstalledFileEvidence.ExternalFileID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalFileID</p>
ProductVersion	<p><i>Type:</i> text (max 200 characters). Nullable</p> <p>The product version number in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.ProductVersion</p>
ProductName	<p><i>Type:</i> text (max 200 characters). Nullable</p> <p>The product name in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.ProductName</p>

Column	Details
FilePath	<p>Type: text (max 400 characters). Nullable</p> <p>The path of the file used as evidence of software installation.</p> <p>Destination:</p> <p>ImportedFileEvidence.FilePath</p>
Company	<p>Type: text (max 100 characters). Key. Nullable</p> <p>The company in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.Company</p> <p>ImportedInstalledFileEvidence.ExternalFileID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalFileID</p>
Description	<p>Type: text (max 200 characters). Key. Nullable</p> <p>The description in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.Description</p> <p>ImportedInstalledFileEvidence.ExternalFileID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalFileID</p>
FileSize	<p>Type: integer. Key. Nullable</p> <p>The size of the file in bytes.</p> <p>Destination:</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.FileSize</p> <p>ImportedInstalledFileEvidence.ExternalFileID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalFileID</p>
Language	<p>Type: text (max 200 characters). Nullable</p> <p>The language in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.Language</p>

Column	Details
AccessMode	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The access mode of the file evidence. Leave this blank unless this row is a virtualized application. In that case choose one of the values below that matches your application or desktop virtualization infrastructure.</p> <p>Possible values:</p> <ul style="list-style-type: none"> Local App-V XenApp XenDesktop VMware View Office 365 <p>Destination:</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.AccessModeID</p> <p>ImportedInstalledFileEvidence.ExternalFileID</p> <p>ImportedInstalledFileEvidenceUsage.ExternalFileID</p>
NumberOfSessions	<p>Type: big integer. Nullable</p> <p>The number of sessions that the file evidence was in use by the user specified in the UserID column during the usage tracking period. If multiple users used the same application on the computer, create one row for each user with usage.</p> <p>Destination:</p> <p>ImportedInstalledFileEvidenceUsage.NumberOfSessions</p>
StartDate	<p>Type: text (max 10 characters). Nullable</p> <p>The start date of the usage. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Destination:</p> <p>ImportedInstalledFileEvidenceUsage.StartDate</p>
LastUsedDate	<p>Type: text (max 10 characters). Nullable</p> <p>The last used date of the usage. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Destination:</p> <p>ImportedInstalledFileEvidenceUsage.LastUsedDate</p>

Column	Details
UserID	<p>Type: big integer. Key. Nullable</p> <p>The DOMAIN/SAMAccountName for the user that the file evidence was used by. If this software was used by multiple users, create one row for each user of the software on the computer.</p> <p>Destination:</p> <p>ImportedInstalledFileEvidenceUsage.ExternalUserID</p> <p>ImportedUser.ExternalID</p> <p>ImportedUser.UserName (Element 2 after splitting on '\\')</p> <p>ImportedUser.Domain (Element 1 after splitting on '\\')</p> <p>ImportedUser.SAMAccountName (Element 2 after splitting on '\\')</p>

ConsolidatedInstallerEvidence Template

ConsolidatedInstallerEvidence provides a simpler interface to specify installed applications and their usage on computers. It combines the computer, installer evidence and usage details into a single row.

Table 910: Columns included with ConsolidatedInstallerEvidence templates

Column	Details
ComputerID	<p>Type: big integer. Key</p> <p>The identifier used in the source connection for the computer. It must match the ComputerID from the Computer spreadsheet or the row will be ignored.</p> <p>Destination:</p> <p>ImportedInstalledInstallerEvidence.ExternalComputerID</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalID</p> <p>ImportedInstance.ExternalComputerID</p>
InstanceName	<p>Type: big integer. Key. Nullable</p> <p>If this installer evidence is an Oracle database, then this field specifies the name of the database instance. If there are multiple instances, create a row for each instance in this spreadsheet.</p> <p>Destination:</p> <p>ImportedInstalledInstallerEvidence.ExternalInstanceID</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalInstanceID</p> <p>ImportedInstance.InstanceID</p> <p>ImportedInstance.ParentInstanceID</p> <p>ImportedInstance.InstanceName</p>

Column	Details
DisplayName	<p>Type: text (max 256 characters). Key</p> <p>The display name of the software as reported by the installer evidence.</p> <p>Destination:</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.DisplayName</p> <p>ImportedInstalledInstallerEvidence.ExternalInstallerEvidenceID</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalInstallerID</p>
Version	<p>Type: text (max 72 characters). Key. Nullable</p> <p>The version of the software as reported by the installer evidence.</p> <p>Destination:</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.Version</p> <p>ImportedInstalledInstallerEvidence.ExternalInstallerEvidenceID</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalInstallerID</p>
Publisher	<p>Type: text (max 200 characters). Key. Nullable</p> <p>The publisher of the software as reported by the installer evidence.</p> <p>Destination:</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.Publisher</p> <p>ImportedInstalledInstallerEvidence.ExternalInstallerEvidenceID</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalInstallerID</p>
Evidence	<p>Type: text (max 32 characters). Key. Nullable</p> <p>Identifier for the type of installer evidence.</p> <p>Destination:</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.Evidence</p> <p>ImportedInstalledInstallerEvidence.ExternalInstallerEvidenceID</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalInstallerID</p>
ProductCode	<p>Type: text (max 55 characters). Nullable</p> <p>The product code of the evidence. This is usually the MSI product code.</p> <p>Destination:</p> <p>ImportedInstallerEvidence.ProductCode</p>

Column	Details
AccessMode	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The access mode of the installer evidence. Leave this blank unless this row is a virtualized application. In that case choose one of the values below that matches your application or desktop virtualization infrastructure.</p> <p>Possible values:</p> <ul style="list-style-type: none"> Local App-V XenApp XenDesktop VMware View Office 365 <p>Destination:</p> <p><code>ImportedInstallerEvidence.ExternalInstallerID</code></p> <p><code>ImportedInstallerEvidence.AccessModeID</code></p> <p><code>ImportedInstalledInstallerEvidence.ExternalInstallerEvidenceID</code></p> <p><code>ImportedInstalledInstallerEvidenceUsage.ExternalInstallerID</code></p>
InstallDate	<p>Type: text (max 10 characters). Nullable</p> <p>The install date of the installer evidence. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Destination:</p> <p><code>ImportedInstalledInstallerEvidence.InstallDate</code></p>
DiscoveryDate	<p>Type: text (max 10 characters). Nullable</p> <p>The date that the installer evidence was first seen. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Destination:</p> <p><code>ImportedInstalledInstallerEvidence.DiscoveryDate</code></p>
NumberOfSessions	<p>Type: big integer. Nullable</p> <p>The number of sessions that the installer evidence was in use by the user specified in the UserID column during the usage tracking period. If multiple users used the same application on the computer, create one row for each user with usage.</p> <p>Destination:</p> <p><code>ImportedInstalledInstallerEvidenceUsage.NumberOfSessions</code></p>

Column	Details
StartDate	<p>Type: text (max 10 characters). Nullable</p> <p>The start date of the usage. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Destination:</p> <p>ImportedInstalledInstallerEvidenceUsage.StartDate</p>
LastUsedDate	<p>Type: text (max 10 characters). Nullable</p> <p>The last used date of the usage. The date must be specified in the following format: 'yyyyMMdd'.</p> <p>Destination:</p> <p>ImportedInstalledInstallerEvidenceUsage.LastUsedDate</p>
UserID	<p>Type: big integer. Key. Nullable</p> <p>The DOMAIN/SAMAccountName for the user that the installer evidence was used by. If this software was used by multiple users, create one row for each user of the software on the computer.</p> <p>Destination:</p> <p>ImportedInstalledInstallerEvidenceUsage.ExternalUserID</p> <p>ImportedUser.ExternalID</p> <p>ImportedUser.UserName (Element 2 after splitting on '\')</p> <p>ImportedUser.Domain (Element 1 after splitting on '\')</p> <p>ImportedUser.SAMAccountName (Element 2 after splitting on '\')</p>

ConsolidatedOracleDatabaseUser Template

ConsolidatedOracleDatabaseUser provides a list of the users for each Oracle database instance.

Table 911: Columns included with ConsolidatedOracleDatabaseUser templates

Column	Details
UserID	<p>Type: big integer. Key</p> <p>The identifier used in the source connection for the instance end-user. This may be an integer or a string.</p> <p>Destination:</p> <p>ImportedInstanceUser.ExternalID</p> <p>ImportedLicenseUser.ExternalID</p>

Column	Details
ComputerID	<p><i>Type:</i> big integer. Key</p> <p>The identifier used in the source connection for the computer. It must match the ComputerID from the Computer spreadsheet or the row will be ignored.</p> <p><i>Destination:</i></p> <p><code>ImportedInstanceUser.ExternalID</code></p> <p><code>ImportedInstanceUser.ComputerID</code></p> <p><code>ImportedLicenseUser.ExternalID</code></p>
InstanceName	<p><i>Type:</i> big integer. Key</p> <p>This field specifies the name of the database instance. If there are multiple instances, create a row for each instance in this spreadsheet. It must match a row in the InstallerEvidence spreadsheet for the same ComputerID or this row will be skipped.</p> <p><i>Destination:</i></p> <p><code>ImportedInstanceUser.ExternalID</code></p> <p><code>ImportedInstanceUser.InstanceID</code></p> <p><code>ImportedLicenseUser.ExternalID</code></p>
Name	<p><i>Type:</i> text (max 256 characters)</p> <p>The name of the user.</p> <p><i>Destination:</i></p> <p><code>ImportedLicenseUser.UserName</code></p>
AccountStatus	<p><i>Type:</i> text (max 256 characters). Nullable</p> <p>The current status of the end-user account.</p> <p><i>Destination:</i></p> <p><code>ImportedInstanceUser.AccountStatus</code></p>

Column	Details
CreationDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time when the end-user was created. The date must be entered in one of the supported formats.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p> <p>ImportedInstanceUser.CreationDate</p>
LastLogonDate	<p><i>Type:</i> datetime. Nullable</p> <p>The date and time when the end-user last logged on to the computer. The date must be entered in one of the supported formats.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • yyyy/MM/dd • yyyy/MM/dd HH:mm:Ss • yyyy/MM/dd HH:mm • yyyy-MM-dd • yyyy-MM-dd HH:mm:Ss • yyyy-MM-dd HH:mm • yyyyMMdd • yyyyMMdd HH:mm:Ss • yyyyMMdd HH:mm <p>Destination:</p> <p>ImportedInstanceUser.LastLogonDate</p>

Column	Details
DefaultTablespace	<p>Type: text (max 256 characters). Nullable</p> <p>The default tablespace for an Oracle end-user.</p> <p>Destination:</p> <p>ImportedInstanceUser.DefaultTablespace</p>
TempTablespace	<p>Type: text (max 256 characters). Nullable</p> <p>The temporary tablespace for an Oracle end-user.</p> <p>Destination:</p> <p>ImportedInstanceUser.TempTablespace</p>
DisplayName	<p>Type: text (max 256 characters). Key</p> <p>The display name of the software as reported by the installer evidence. It must match a row in the InstallerEvidence spreadsheet for the same ComputerID, Version, Publisher and InstanceName or this row will be skipped.</p> <p>Destination:</p> <p>ImportedInstanceUser.ApplicationID</p>
Version	<p>Type: text (max 72 characters). Key</p> <p>The version of the software as reported by the installer evidence. It must match a row in the InstallerEvidence spreadsheet for the same ComputerID, DisplayName, Publisher and InstanceName or this row will be skipped.</p> <p>Destination:</p> <p>ImportedInstanceUser.ApplicationID</p>
Publisher	<p>Type: text (max 200 characters). Key</p> <p>The publisher of the software as reported by the installer evidence. It must match a row in the InstallerEvidence spreadsheet for the same ComputerID, DisplayName, Version and InstanceName or this row will be skipped.</p> <p>Destination:</p> <p>ImportedInstanceUser.ApplicationID</p>
Evidence	<p>Type: text (max 32 characters). Key. Nullable</p> <p>Identifier for the type of installer evidence.</p> <p>Destination:</p> <p>ImportedInstanceUser.ApplicationID</p>

Column	Details
AccessMode	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The access mode of the installer evidence. Leave this blank unless this row is a virtualized application. In that case choose one of the values below that matches your application or desktop virtualization infrastructure.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Local • App-V • XenApp • XenDesktop • VMware View • Office 365 <p>Destination:</p> <p>ImportedInstanceUser.ApplicationID</p>

ConsolidatedRemoteAccessFile Template

The RemoteAccessFile spreadsheet is used for capturing application virtualization information. Systems such as Microsoft AppV and Citrix XenApp allow a user to access applications that are not installed on a local computer. This object allows you to provide applications that a user may access by specifying the file evidence.

When populating the RemoteAccessFile template, please note that an application can be identified by file evidence. If the evidence does not match the ARL then no application will be created. The evidence not recognised will appear under the 'Unrecognised Evidence' screen within Flexnet Manager Suite. From there, you may create applications for any unrecognised evidence as required, and lastly ensure any new application relates to a license. This results in the evidence now being recognised for the new application and may cause license consumption after the next reconciliation. This application virtualization access using files is a special case in application matching. It does not require a mandatory file link to the application and can user a 'not for recognition' file to link to an application. This is because application and desktop virtualization systems rarely provide enough file information for more complex application recognition rules to function.

If entering file evidence, you must provide the following key identifier fields. + 1 = FileName

The following identifier fields are typically required for matching evidence in the ARL, however are not mandatory. + 1 = Company + 2 = FileVersion + 3 = Description + 4 = FileSize

File evidence does not have to be specified in the FileEvidence spreadsheet as well as here.

Table 912: Columns included with ConsolidatedRemoteAccessFile templates

Column	Details
ServerID	<p><i>Type:</i> big integer. Key</p> <p>This is the ComputerID of the server that publishes this virtual application. The ComputerID must match a computer from the Computer spreadsheet, and that computer must have an installation of the application this file is part of. If the server does not have an installation of an appropriate application then the user will not be shown as having access to that application. This is a mandatory field.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalServerID</p>
FileName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The name of the file used as evidence of software installation. For unix operating systems include the full path in the file name, including the opening '/'. For Windows operating systems the file path is specified in the FilePath column and this column must only contain the file name.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalFileID</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.FileName</p>
FileVersion	<p><i>Type:</i> text (max 100 characters). Key. Nullable</p> <p>The version number of the file used as evidence of software installation.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalFileID</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.FileVersion</p>
ProductVersion	<p><i>Type:</i> text (max 200 characters). Nullable</p> <p>The product version number in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.ProductVersion</p>
ProductName	<p><i>Type:</i> text (max 200 characters). Nullable</p> <p>The product name in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.ProductName</p>
FilePath	<p><i>Type:</i> text (max 400 characters). Nullable</p> <p>The path of the file used as evidence of software installation.</p> <p>Destination:</p> <p>ImportedFileEvidence.FilePath</p>

Column	Details
Company	<p>Type: text (max 100 characters). Key. Nullable</p> <p>The company in the file header.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalFileID</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.Company</p>
Description	<p>Type: text (max 200 characters). Key. Nullable</p> <p>The description in the file header.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalFileID</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.Description</p>
FileSize	<p>Type: integer. Key. Nullable</p> <p>The size of the file in bytes.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalFileID</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.FileSize</p>
Language	<p>Type: text (max 200 characters). Nullable</p> <p>The language in the file header.</p> <p>Destination:</p> <p>ImportedFileEvidence.Language</p>
UserID	<p>Type: big integer. Key</p> <p>The UserID must be populated with the fully qualified name e.g. Mydomain\JohnSmith. If not then a User is not created.</p> <p>If fully qualified then this field populates the following user related fields. + 1 = The user name of the end-user from the text following the "+". + 2 = The login name (SAM account name) of the end-user from the text following the "+". + 3 = The domain name of the end-user from the text before the "+".</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalUserID</p> <p>ImportedUser.ExternalID</p> <p>ImportedUser.UserName (Element 2 after splitting on '\')</p> <p>ImportedUser.Domain (Element 1 after splitting on '\')</p> <p>ImportedUser.SAMAccountName (Element 2 after splitting on '\')</p>

Column	Details
AccessMode	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The AccessMode states how an application has been accessed.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Local • App-V • XenApp • XenDesktop • VMware View • Office 365 <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalFileID</p> <p>ImportedRemoteUserToApplicationAccess.AccessModeID</p> <p>ImportedFileEvidence.ExternalFileID</p> <p>ImportedFileEvidence.AccessModeID</p>

ConsolidatedRemoteAccessInstaller Template

The RemoteAccessInstaller spreadsheet is used for capturing application virtualization information. Systems such as Microsoft AppV and Citrix XenApp allow a user to access applications that are not installed on a local computer. This object allows you to provide applications that a user may access by specifying the installer evidence.

When populating the RemoteAccessInstaller, please note that an application can be identified by installer evidence. If the evidence does not match the ARL then no application will be created. The evidence not recognised will appear under the 'Unrecognised Evidence' screen within Flexnet Manager Suite. From there, you may create applications for any unrecognised evidence as required, and lastly ensure any new application relates to a license. This results in the evidence now being recognised for the new application and may cause license consumption after the next reconciliation.

If entering installer evidence, you must provide the following key identifier fields. + 1 = DisplayName

The following identifier fields are typically required for matching evidence in the ARL, however are not mandatory. + 1 = Version + 2 = Publisher + 3 = Evidence

Installer evidence does not have to be specified in the InstallerEvidence spreadsheet as well as here.

Table 913: Columns included with ConsolidatedRemoteAccessInstaller templates

Column	Details
DisplayName	<p><i>Type:</i> text (max 256 characters). Key</p> <p>The display name of the software as reported by the installer evidence and is part of the unique identifier for installer evidence.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalInstallerEvidenceID</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.DisplayName</p>
Version	<p><i>Type:</i> text (max 72 characters). Key</p> <p>The version of the software as reported by the installer evidence and is part of the unique identifier for installer evidence.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalInstallerEvidenceID</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.Version</p>
Publisher	<p><i>Type:</i> text (max 200 characters). Key</p> <p>Publishers of software applications (for example, “Microsoft”) as reported by the installer evidence and publisher is part of the unique identifier for installer evidence.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalInstallerEvidenceID</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.Publisher</p>
Evidence	<p><i>Type:</i> text (max 32 characters). Key</p> <p>The evidence type of the software as reported by the installer evidence and is part of the unique identifier for installer evidence.</p> <p>Destination:</p> <p>ImportedRemoteUserToApplicationAccess.ExternalInstallerEvidenceID</p> <p>ImportedInstallerEvidence.ExternalInstallerID</p> <p>ImportedInstallerEvidence.Evidence</p>

Column	Details
ProductCode	<p>Type: text (max 55 characters). Nullable</p> <p>The product code of the evidence. This is usually the MSI product code and is not part of the unique identifier.</p> <p>Destination:</p> <p><code>ImportedInstallerEvidence.ProductCode</code></p>
UserID	<p>Type: big integer. Key</p> <p>The UserID must be populated with the fully qualified name e.g. Mydomain\JohnSmith. If not then a User is not created.</p> <p>If fully qualified then this field populates the following user related fields. + 1 = The user name of the end-user from the text following the "+". + 2 = The login name (SAM account name) of the end-user from the text following the "+". + 3 = The domain name of the end-user from the text before the "+".</p> <p>Destination:</p> <p><code>ImportedRemoteUserToApplicationAccess.ExternalUserID</code></p> <p><code>ImportedUser.ExternalID</code></p> <p><code>ImportedUser.UserName (Element 2 after splitting on '\')</code></p> <p><code>ImportedUser.Domain (Element 1 after splitting on '\')</code></p> <p><code>ImportedUser.SAMAccountName (Element 2 after splitting on '\')</code></p>
AccessMode	<p>Type: text (max 128 characters). Key. Nullable</p> <p>The AccessMode states how an application has been accessed.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Local • App-V • XenApp • XenDesktop • VMware View • Office 365 <p>Destination:</p> <p><code>ImportedRemoteUserToApplicationAccess.ExternalInstallerEvidenceID</code></p> <p><code>ImportedRemoteUserToApplicationAccess.AccessModeID</code></p> <p><code>ImportedInstallerEvidence.ExternalInstallerID</code></p> <p><code>ImportedInstallerEvidence.AccessModeID</code></p>

ConsolidatedVMPool Template

The VMPool spreadsheet provides a simple method to associate virtual machines with groups (pools) on their host.

Table 914: Columns included with ConsolidatedVMPool templates

Column	Details
PoolName	<p><i>Type:</i> text (max 100 characters). Key</p> <p>The name of the pool.</p> <p><i>Destination:</i></p> <p>ImportedVMPool.PoolName</p>
ParentName	<p><i>Type:</i> text (max 100 characters). Nullable</p> <p>The name of the parent pool.</p> <p><i>Destination:</i></p> <p>ImportedVMPool.ParentName</p>
PoolFriendlyName	<p><i>Type:</i> text (max 256 characters)</p> <p>The friendly name of the pool.</p> <p><i>Destination:</i></p> <p>ImportedVMPool.PoolFriendlyName</p>
HostComputerID	<p><i>Type:</i> big integer. Key</p> <p>The identifier used in the source connection for the computer which is hosting the pool. The HostComputerID should match the ComputerID in the Computer spreadsheet. Otherwise the record will be ignored.</p> <p><i>Destination:</i></p> <p>ImportedVMPool.HostComputerID</p>

Column	Details
ObjectType	<p>Type: text (max 256 characters). Key. Nullable</p> <p>The type of pool.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Folder • Datacenter • ComputeResource • HostSystem • ResourcePool • VirtualMachine • PhysicalSharedPool • VirtualSharedPool • LPAR • RSET • ClusterComputeResource • PSET <p>Destination:</p> <p>ImportedVMPool.ObjectType</p>
ComplianceConnectionID	<p>Type: integer. Key. Nullable</p> <p>The identifier for a data source connection in the ComplianceConnection table.</p> <p>Destination:</p> <p>ImportedVMPool.ComplianceConnectionID</p>
ParentObjectType	<p>Type: text (max 256 characters). Nullable</p> <p>The type of pool of the parent.</p> <p>Destination:</p> <p>ImportedVMPool.ParentObjectType</p>
NumberOfProcessors	<p>Type: decimal. Nullable</p> <p>The number of processors in this pool.</p> <p>Possible values:</p> <p>120.45</p> <p>Destination:</p> <p>ImportedVMPool.NumberOfProcessors</p>

Column	Details
NumberOfCores	<p>Type: decimal. Nullable</p> <p>The number of cores in this pool.</p> <p>Possible values:</p> <p>120.45</p> <p>Destination:</p> <p>ImportedVMPool.NumberOfCores</p>

ConsolidatedWMIEvidence Template

ConsolidatedWMIEvidence provides a simpler interface to specify Windows Management Instrumentation (WMI) properties on computers. Other Web-Based Enterprise Management (WBEM) properties are supported from Unix computers as well. The most important data to provide in this spreadsheet is operating system installs. The 'Win32_OperatingSystem' class and the 'Name' property contains this data.

Table 915: Columns included with ConsolidatedWMIEvidence templates

Column	Details
ComputerID	<p>Type: big integer. Key</p> <p>The identifier used in the source connection for the computer. It must match the ComputerID from the Computer spreadsheet or the row will be ignored.</p> <p>Destination:</p> <p>ImportedInstalledWMIEvidence.ExternalComputerID</p>
ClassName	<p>Type: text (max 50 characters). Key</p> <p>The WMI class name of the evidence. An example is 'Win32_OperatingSystem'.</p> <p>Destination:</p> <p>ImportedWMIEvidence.ExternalEvidenceID</p> <p>ImportedWMIEvidence.ClassName</p> <p>ImportedInstalledWMIEvidence.ExternalEvidenceID</p>
PropertyName	<p>Type: text (max 50 characters). Key</p> <p>The WMI property name of the WMI evidence. An example is 'Name'.</p> <p>Destination:</p> <p>ImportedWMIEvidence.ExternalEvidenceID</p> <p>ImportedWMIEvidence.PropertyName</p> <p>ImportedInstalledWMIEvidence.ExternalEvidenceID</p>

Column	Details
PropertyValue	<p>Type: text (max 256 characters). Key</p> <p>The value of the property of the WMI evidence. An example is 'Microsoft Windows 7 Enterprise'</p> <p>Destination:</p> <p><code>ImportedWMIEvidence.ExternalEvidenceID</code></p> <p><code>ImportedWMIEvidence.PropertyValue</code></p> <p><code>ImportedInstalledWMIEvidence.ExternalEvidenceID</code></p>
InstanceName	<p>Type: text (max 256 characters). Key. Nullable</p> <p>The name of the WMI class instance. This is important when there a multiple instances of a WMI class on a computer. An example is the 'Win32_VideoController' class that may have many instances with the same properties. In this case you need to specify the name of the instance here, 'Intel(R) HD Graphics Family' or 'NVIDIA Quadro K2100M' for example.</p> <p>Destination:</p> <p><code>ImportedWMIEvidence.ExternalEvidenceID</code></p> <p><code>ImportedInstalledWMIEvidence.ExternalEvidenceID</code></p> <p><code>ImportedInstalledWMIEvidence.InstanceName</code></p>

9

Flexera Data Models

FlexNet Manager Suite includes Flexera Analytics, a technology that enables you to create reports and to customize dashboards, either for your enterprise or for personal use. You can build and/or customize reports and dashboards using data contained in the Flexera data models.

To help you use this data when customizing dashboards, widgets, and reports, Flexera Analytics provides two data models that organize your asset-management data and define how the data relates to each another. Within the data models, folders organize and structure the data into subject-area categories. Each folder in the subject area contains two types of data: measures and attributes. Measures represent numbers and facts, and attributes represent categories of descriptive data.

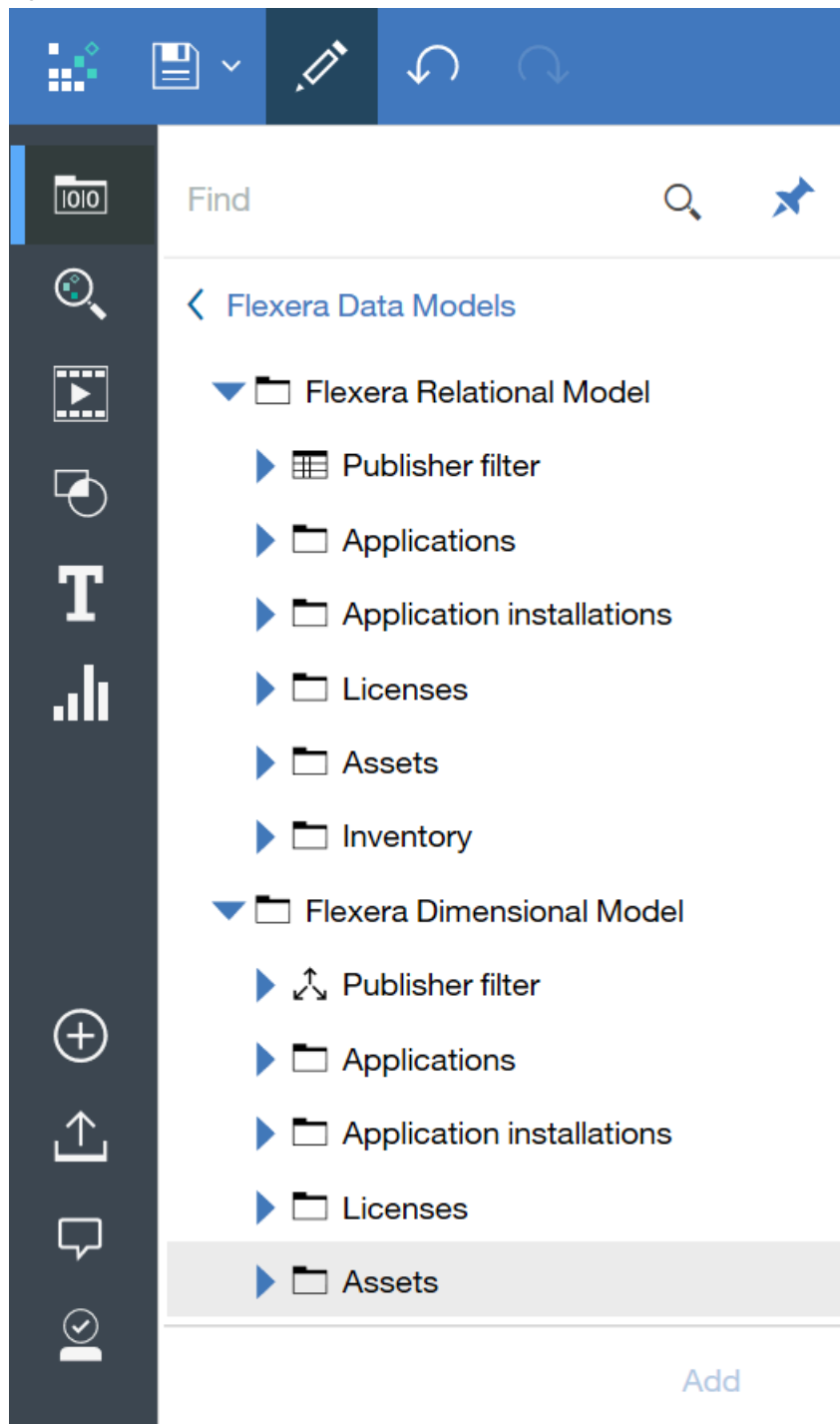
The two data models are:

- **Relational model** (see [Relational model](#))
- **Dimensional model** (see [Dimensional model](#))



Note: *It is recommended that you use data from one data model or the other when creating widgets and dashboards. You need to keep this in mind and plan ahead before you begin to create a dashboard.*

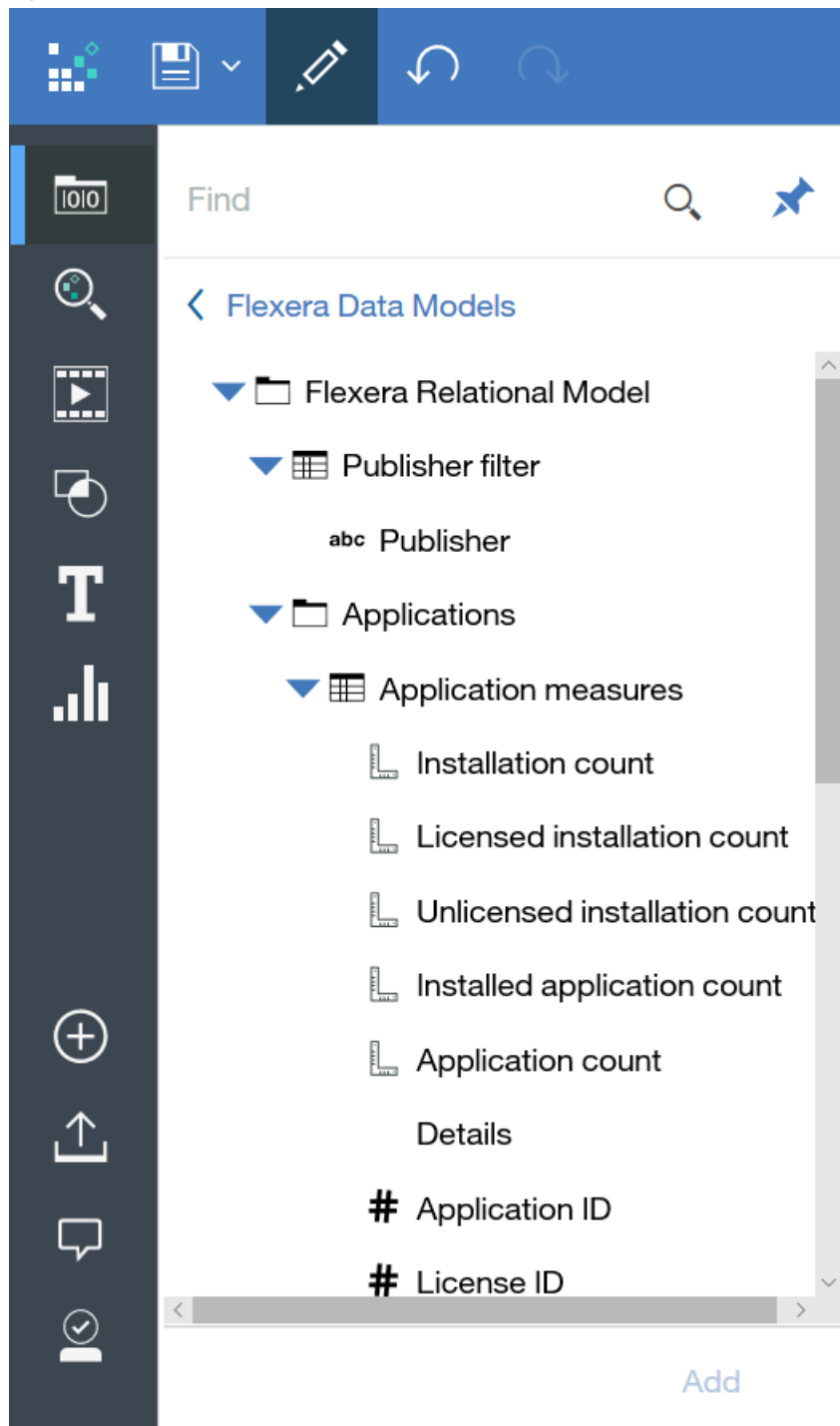
Figure 9: Flexera data models



Relational model

The relational model organizes data using measures and attributes but uses a flat structure. There is no ability to drill up or drill down on units of data to see how other data relates to them. There are also some attributes and measures that are specific to the relational model, such as the Inventory subject area.

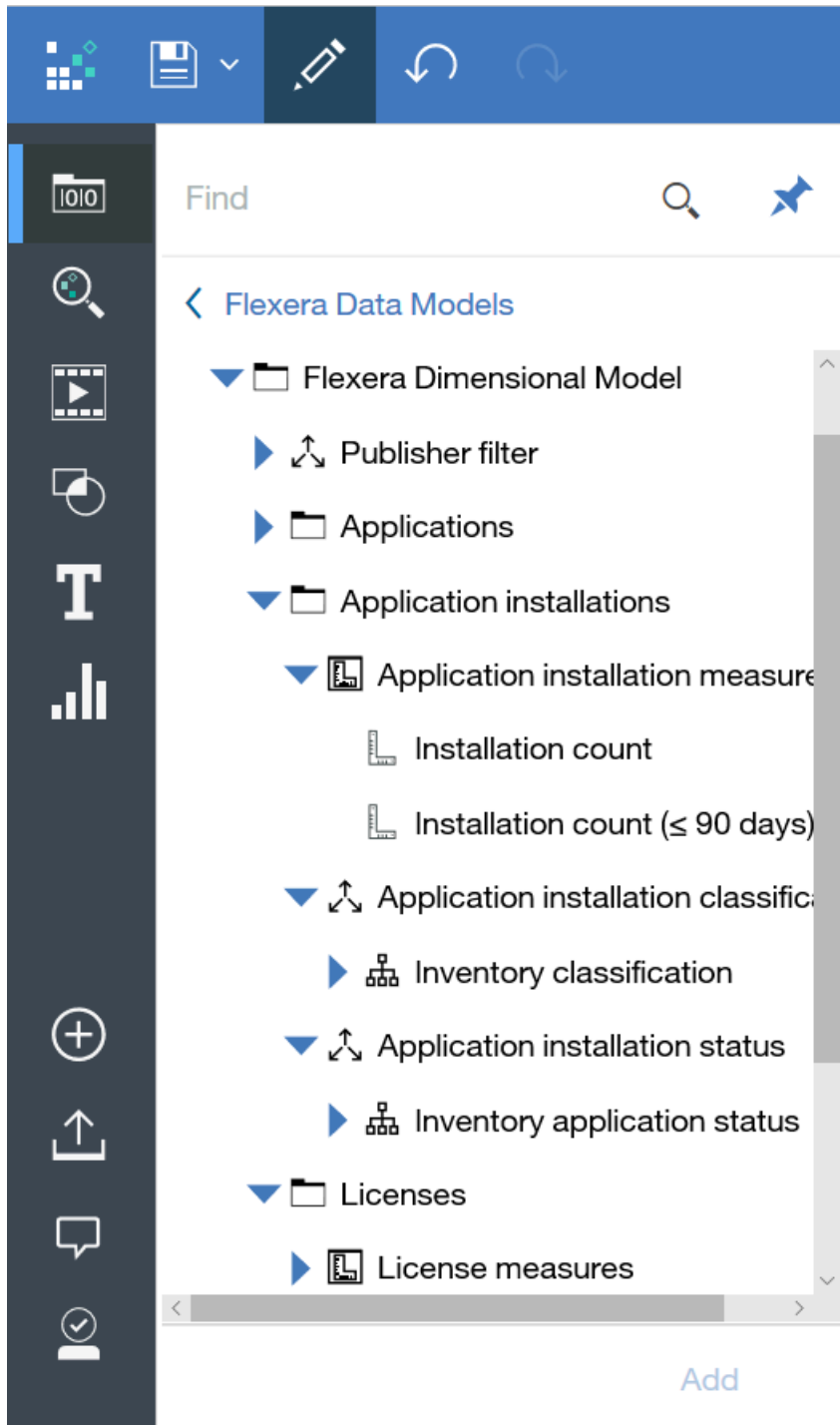
Figure 10: Relational model



Dimensional model

The dimensional model organizes data using measures and attributes but uses a hierarchy structure that enables you to drill up and drill down to see how data relates to other functionality.

Figure 11: Dimensional model



Relational Model Categories

The set of data categories in the relational model documented here includes:

- Publisher Filter (see [Publisher Filter](#))

- Applications (see [Applications](#))
- Application Installation (see [Application Installation](#))
- Licenses (see [Licenses](#))
- Assets (see [Assets](#))
- Inventory (see [Inventory](#))
- Contracts (see [Contracts](#))
- Purchases (see [Purchases](#)).

Publisher Filter

Use this attribute when creating and customizing the Publisher filter widget in Flexera Analytics.

Folder	Measure/Attribute	Description
Publisher filter	Publisher filter	An attribute that describes the Publisher name of an application.

Applications

Use these measures and attributes when creating and customizing widgets related to applications in Flexera Analytics.

Folder	Measure/Attribute	Description
Application measures	Installation count	A measure that defines the number of installations of a single application.
	Licensed installation count	A measure that defines the number of installations of a single application that has an associated license.
	Unlicensed installation count	A measure that defines the number of installations of a single application that do not have an associated license.
	Installed application count	A measure that defines the number of applications that report a valid installation.
	Application count	A measure that defined the total number of applications.
Application	Publisher	An attribute that describes the Publisher name of an application.
	Publisher and Product	A combined attribute that describes the Publisher name and Product name of an application.

Folder	Measure/ Attribute	Description
	Product	An attribute that describes the Product name of an application.
	Edition	An attribute that describes the Edition name of an application.
	Version	An attribute that describes the Version name of an application.
	Name	An attribute that describes the name of an application.
	Is managed	A Boolean attribute that describes a managed application that is authorized for use in the enterprise or not authorized for use. A value of 1 denotes managed applications (including authorized and unauthorized applications).
	Start of life	An attribute that describes the start date of an application.
	Release date	An attribute that describes the date an application was released.
	End of sales	An attribute that describes the date an application will not be sold after.
	End of support	An attribute that describes the date an application will be supported until.
	End of extended support	An attribute that describes the date an application will be supported until in extended cases.
	End of life	An attribute that describes the end date of an application. The vendor stops marketing, selling, or rework sustaining it.
Application category	Application category	An attribute that describes the category of an application. For example, "Software," "File Versioning," "Data Management," etc.
Application classification	Application classification	The measure/attribute column should also be Application classification and not Application category.
Application status	Application status	An attribute that describes the status of an application. For example, "Authorized," "Unauthorized," "Unmanaged," etc.
EOSL Filter	End of extended support (90 days)	A measure that defines applications whose end of extended support is within 90 days.
	End of extended support (180 days)	A measure that defines applications whose end of extended support is within 180 days.
	End of extended support (270 days)	A measure that defines applications whose end of extended support is within 270 days.

Folder	Measure/ Attribute	Description
	End of extended support (360 days)	A measure that defines applications whose end of extended support is within 360 days.
	End of life (90 days)	A measure that defines applications whose end of life is within 90 days.
	End of life (180 days)	A measure that defines applications whose end of life is within 180 days.
	End of life (270 days)	A measure that defines applications whose end of life is within 270 days.
	End of life (360 days)	A measure that defines applications whose end of life is within 360 days.
	End of sales (90 days)	A measure that defines applications whose end of sales is within 90 days.
	End of sales (180 days)	A measure that defines applications whose end of sales is within 180 days.
	End of sales (270 days)	A measure that defines applications whose end of sales is within 270 days.
	End of sales (360 days)	A measure that defines applications whose end of sales is within 360 days.
	End of support (90 days)	A measure that defines applications whose end of support is within 90 days.
	End of support (180 days)	A measure that defines applications whose end of support is within 180 days.
	End of support (270 days)	A measure that defines applications whose end of support is within 270 days.
	End of support (360 days)	A measure that defines applications whose end of support is within 360 days.

Application Installation

Use these measures and attributes when creating and customizing widgets related to application installations in Flexera Analytics.

Folder	Measure/ Attribute	Description
Application installation measures	Installation count	A measure that defines the number of installations for all applications.
	Installation count (<= 90 days)	A measure that defines the number of installations for all applications in the last 90 days.
Application installation classification	Inventory classification	An attribute that describes the classification of an application installation. For example, Commercial, Freeware, Component, etc.
Application installation status	Inventory application status	An attribute that describes the status of an application installation. For example, "Authorized," "Unauthorized," "Unmanaged," etc.

Licenses

Use these measures and attributes when creating and customizing widgets related to licenses in Flexera Analytics.

Folder	Measure/ Attribute	Description
License measures	Entitlement count	A measure that defines the total number of entitlements.
	Consumption count	A measure that defines the number of entitlements consumed.
	Installation count	A measure that defines the number of installations by device.
	Over-consumption count	A measure that defines the number of licenses at risk to expire or exceed entitlement.
	Unit price	A measure that defines the value of a single license in local currency.
	Financial risk	A measure that defines the dollar amount associated with the licenses at risk to expire or exceed entitlement.
	Risk %	A measure that defines the percentage of entitlements at risk.
	Consumption %	A measure that defines the percentage of entitlements in use.

Folder	Measure/ Attribute	Description
	License count	A measure that defines the number of licenses.
License	License type	An attribute that describes the type of a license. For example, Enterprise, Device, User, OEM, etc.
	Publisher	An attribute that describes the Publisher name of a license.
	Publisher and product	A combined attribute that describes the Publisher name and Product name of a license.
	Product	An attribute that describes the Product name of a license.
	Edition	An attribute that describes the Edition name of a license.
	Version	– An attribute that describes the Version name of a license.
	Is multi-product	An attribute that describes whether the license has more than one product.
Compliance status	Compliance status	An attribute that describes the compliance status of a license. For example, "Compliant," "At Risk," "Not tracked," etc.
License classification	License classification	An attribute that describes the classification of a license. For example, "Commercial," "Freeware," "Component," etc.
License status	License status	An attribute that describes the status of a license. For example, "Active," "Retired," "Purchased," etc.

Assets

Use these measures and attributes when creating and customizing widgets related to assets in Flexera Analytics.

Folder	Measure/Attribute	Description
Asset measures	Asset count	A measure that defines the number of hardware assets.
Asset status	Asset status	An attribute that describes the status of a hardware asset. For example, "Installed," "Disposed," "In Storage," "Purchased," etc.
Asset type	Asset type	An attribute that describes the type of a hardware asset. For example, "Workstation," "Laptop," "Server," etc.
Asset activity measures	Date	An attribute that describes the asset reported date.
	Age (days)	An attribute that describes the number of days relative to the asset date.
	New asset count	A measure that defines the number of new hardware assets created.
	Reported inventory count	A measure that defines the number of hardware assets last reported per asset date.

Folder	Measure/Attribute	Description
	New asset count (<= 30 days)	A measure that defines the number of hardware assets acquired in the last 30 days.
	New asset count (>30 days)	A measure that defines the number of hardware assets acquired more than 30 days ago.
	Reported inventory count (<= 30 days)	A measure that defines the number of hardware assets reported in inventory in the last 30 days.
	Reported inventory count (> 30 days)	A measure that defines the number of hardware assets reported in inventory more than 30 days ago.

Inventory

Use these measures and attributes when creating and customizing widgets related to inventory in Flexera Analytics.

Folder	Measure/Attribute	Description
Duplicate device name	Inventory device name	An attribute that describes the duplicate host name for a device.
	Duplicate count	A measure that defines the number of duplicate devices.
Duplicate serial number	Serial number	An attribute that describes the duplicate serial number for a device.
	Duplicate count	A measure that defines the number of duplicate devices.
Discovered devices activity	Date	An attribute that describes the devices activity date.
	Age (days)	An attribute that describes the number of days relative to the devices activity date.
	Missing inventory count	A measure that defines the total number of devices missing an inventory count.
	Missing inventory count (<= 90 days)	A measure that defines the number of devices missing an inventory count in the last 90 days.

Contracts

Use these measures and attributes when creating and customizing widgets related to contracts in Flexera Analytics.

Folder	Measure/Attribute	Description
Contract measures	Contract amount	A measure that defines the amount of the contract, in dollars.
	Contract count	A measure that defines the total number of contracts.

Folder	Measure/Attribute	Description
Contract	Contract	Attribute that defines the contract ID or number.
	Contract name	An attribute that defines the name of the contract.
	Is evergreen	An attribute that defines whether the contract will have an expiry date. If there is no expiry date, the contract is considered evergreen.
	Contract expiry date	An attribute that defines the date the contract expires.
	Contract review date	An attribute that defines the date the contract will be reviewed.
	Contract renewal date	An attribute that defines that date that the contract will be renewed.
	Contract with linked licenses	An attribute that defines whether the contract is linked to a license.
Contract status	Contract status	An attribute that defines the status of a contract, such as "Active," "Cancelled," or "Expired," etc.
Contract type	Contract type	An attribute that defines the contract type such as "Hardware maintenance and support," "Software license," "Software maintenance and support, etc."
Contract event filter	Contracts expiring within (30 days)	A measure that defines contracts that expire in 30 days.
	Contracts expiring within (45 days)	A measure that defines contracts that expire in 45 days.
	Contracts expiring within (90 days)	A measure that defines contracts that expire in 90 days.
	Contracts for renewal within (30 days)	A measure that defines contracts that will be renewed in 30 days.
	Contracts for renewal within (45 days)	A measure that defines contracts that will be renewed in 45 days.
	Contracts for renewal within (90 days)	A measure that defines contracts that will be renewed in 90 days.
	Contracts for review within (30 days)	A measure that defines contracts that will be reviewed in 30 days.
	Contracts for review within (45 days)	A measure that defines contracts that will be reviewed in 45 days.

Folder	Measure/Attribute	Description
	Contracts for review within (90 days)	A measure that defines contracts that will be reviewed in 90 days.

Purchases

Use these measures and attributes when creating and customizing widgets related to purchases in Flexera Analytics.

Folder	Measure/Attribute	Description
Latest purchase measures	Purchase amount	A measure that defines the purchase amount over the last 30 days, in dollars.
	Effective quantity	A measure that defines the total number of license entitlements brought in by a purchase.
	Purchase count	A measure that defines the total number of purchases over the last 30 days.
Purchase spend measures	Purchase spent	A measure that defines the purchase amount, in dollars, of purchases that have been bought in the last 12 months.
Unprocessed purchases	Available entitlements	A measure that defines the number of entitlements that are available with this purchase.
	Unprocessed purchase count	A measure that defines the number of unprocessed purchases.
Purchase	Purchase No	An attribute that defines the purchase number.
	Purchase description	An attribute that describes the product, such as "Windows Web Server," "Outlook 2016," etc.
	Purchase date	An attribute that defines the date of the purchase.
	Creation date	An attribute that defines the date the purchase record was created.
	Publisher name	An attribute that defines the publisher name of the purchase such as "Adobe," "IBM," and "Microsoft," etc.
	Vendor name	An attribute that defines the vendor name of the purchase, such as "Adobe," "IBM," and "Microsoft," etc.
	Purchase type	An attribute that defines the purchase type, such as "Hardware," "Service," or "Software," etc.
Purchase status	Purchase status	An attribute that defines the status of the purchase such as "Cancelled," "Completed," "New," or "Pending."

Dimensional Model Categories

The set of data categories in the dimensional model documented here includes:

- Publish Filter (see [Publisher Filter](#))
- Applications (see [Applications](#))
- Application Installations (see [Application Installation](#))
- Licenses (see [Licenses](#))
- Assets (see [Assets](#))
- Contracts (see [Contracts](#))
- Purchases (see [Purchases](#)).

Publisher Filter

Use this attribute when creating and customizing the Publisher filter widget in Flexera Analytics.

Folder	Measure/Attribute	Description
Publisher filter	Publisher filter	An attribute that describes the Publisher name of an application.

Applications

Use these measures and attributes when creating and customizing widgets related to applications in Flexera Analytics.

Folder	Measure/Attribute	Description
Application measures	Installation count	A measure that defines the number of installations of a single application.
	Licensed installation count	A measure that defines the number of installations of a single application that has an associated license.
	Unlicensed installation count	A measure that defines the number of installations of a single application that do not have an associated license.
	Installed application count	A measure that defines the number of applications that report a valid installation.
	Application count	A measure that defined the total number of applications.

Folder	Measure/ Attribute	Description
Application	Publisher	An attribute that describes the Publisher name of an application.
	Publisher and Product	A combined attribute that describes the Publisher name and Product name of an application.
	Product	An attribute that describes the Product name of an application.
	Edition	An attribute that describes the Edition name of an application.
	Version	An attribute that describes the Version name of an application.
	Name	An attribute that describes the name of an application.
	Is managed	A Boolean attribute that describes a managed application that is authorized for use in the enterprise or not authorized for use. A value of 1 denotes managed applications (including authorized and unauthorized applications).
	Start of life	An attribute that describes the start date of an application.
	Release date	An attribute that describes the date an application was released.
	End of sales	An attribute that describes the date an application will not be sold after.
	End of support	An attribute that describes the date an application will be supported until.
	End of extended support	An attribute that describes the date an application will be supported until in extended cases.
	End of life	An attribute that describes the end date of an application. The vendor stops marketing, selling, or rework sustaining it.
Application category	Application category	An attribute that describes the category of an application. For example, "Software," "File Versioning," "Data Management," etc.
Application classification	Application classification	The measure/attribute column should also be Application classification and not Application category.
Application status	Application status	An attribute that describes the status of an application. For example, "Authorized," "Unauthorized," "Unmanaged," etc.
EOSL Filter	End of extended support (90 days)	A measure that defines applications whose end of extended support is within 90 days.
	End of extended support (180 days)	A measure that defines applications whose end of extended support is within 180 days.

Folder	Measure/ Attribute	Description
	End of extended support (270 days)	A measure that defines applications whose end of extended support is within 270 days.
	End of extended support (360 days)	A measure that defines applications whose end of extended support is within 360 days.
	End of life (90 days)	A measure that defines applications whose end of life is within 90 days.
	End of life (180 days)	A measure that defines applications whose end of life is within 180 days.
	End of life (270 days)	A measure that defines applications whose end of life is within 270 days.
	End of life (360 days)	A measure that defines applications whose end of life is within 360 days.
	End of sales (90 days)	A measure that defines applications whose end of sales is within 90 days.
	End of sales (180 days)	A measure that defines applications whose end of sales is within 180 days.
	End of sales (270 days)	A measure that defines applications whose end of sales is within 270 days.
	End of sales (360 days)	A measure that defines applications whose end of sales is within 360 days.
	End of support (90 days)	A measure that defines applications whose end of support is within 90 days.
	End of support (180 days)	A measure that defines applications whose end of support is within 180 days.
	End of support (270 days)	A measure that defines applications whose end of support is within 270 days.
	End of support (360 days)	A measure that defines applications whose end of support is within 360 days.

Application Installation

Use these measures and attributes when creating and customizing widgets related to application installations in Flexera Analytics.

Folder	Measure/ Attribute	Description
Application installation measures	Installation count	A measure that defines the number of installations for all applications.
	Installation count (<= 90 days)	A measure that defines the number of installations for all applications in the last 90 days.
Application installation classification	Inventory classification	An attribute that describes the classification of an application installation. For example, Commercial, Freeware, Component, etc.
Application installation status	Inventory application status	An attribute that describes the status of an application installation. For example, "Authorized," "Unauthorized," "Unmanaged," etc.

Licenses

Use these measures and attributes when creating and customizing widgets related to licenses in Flexera Analytics.

Folder	Measure/ Attribute	Description
License measures	Entitlement count	A measure that defines the total number of entitlements.
	Consumption count	A measure that defines the number of entitlements consumed.
	Installation count	A measure that defines the number of installations by device.
	Over-consumption count	A measure that defines the number of licenses at risk to expire or exceed entitlement.
	Unit price	A measure that defines the value of a single license in local currency.
	Financial risk	A measure that defines the dollar amount associated with the licenses at risk to expire or exceed entitlement.
	Risk %	A measure that defines the percentage of entitlements at risk.
	Consumption %	A measure that defines the percentage of entitlements in use.

Folder	Measure/ Attribute	Description
License	License count	A measure that defines the number of licenses.
	License type	An attribute that describes the type of a license. For example, Enterprise, Device, User, OEM, etc.
	Publisher	An attribute that describes the Publisher name of a license.
	Publisher and product	A combined attribute that describes the Publisher name and Product name of a license.
	Product	An attribute that describes the Product name of a license.
	Edition	An attribute that describes the Edition name of a license.
	Version	– An attribute that describes the Version name of a license.
	Is multi-product	An attribute that describes whether the license has more than one product.
Compliance status	Compliance status	An attribute that describes the compliance status of a license. For example, "Compliant," "At Risk," "Not tracked," etc.
License classification	License classification	An attribute that describes the classification of a license. For example, "Commercial," "Freeware," "Component," etc.
License status	License status	An attribute that describes the status of a license. For example, "Active," "Retired," "Purchased," etc.

Assets

Use these measures and attributes when creating and customizing widgets related to assets in Flexera Analytics.

Folder	Measure/Attribute	Description
Asset measures	Asset count	A measure that defines the number of hardware assets.
Asset status	Asset status	An attribute that describes the status of a hardware asset. For example, "Installed," "Disposed," "In Storage," "Purchased," etc.
Asset type	Asset type	An attribute that describes the type of a hardware asset. For example, "Workstation," "Laptop," "Server," etc.
Asset activity measures	Date	An attribute that describes the asset reported date.
	Age (days)	An attribute that describes the number of days relative to the asset date.
	New asset count	A measure that defines the number of new hardware assets created.
	Reported inventory count	A measure that defines the number of hardware assets last reported per asset date.

Folder	Measure/Attribute	Description
	New asset count (<= 30 days)	A measure that defines the number of hardware assets acquired in the last 30 days.
	New asset count (>30 days)	A measure that defines the number of hardware assets acquired more than 30 days ago.
	Reported inventory count (<= 30 days)	A measure that defines the number of hardware assets reported in inventory in the last 30 days.
	Reported inventory count (> 30 days)	A measure that defines the number of hardware assets reported in inventory more than 30 days ago.

Contracts

Use these measures and attributes when creating and customizing widgets related to contracts in Flexera Analytics.

Folder	Measure/Attribute	Description
Contract measures	Contract amount	A measure that defines the amount of the contract, in dollars.
	Contract count	A measure that defines the total number of contracts.
Contract	Contract	Attribute that defines the contract ID or number.
	Contract name	An attribute that defines the name of the contract.
	Is evergreen	An attribute that defines whether the contract will have an expiry date. If there is no expiry date, the contract is considered evergreen.
	Contract expiry date	An attribute that defines the date the contract expires.
	Contract review date	An attribute that defines the date the contract will be reviewed.
	Contract renewal date	An attribute that defines that date that the contract will be renewed.
	Contract with linked licenses	An attribute that defines whether the contract is linked to a license.
Contract status	Contract status	An attribute that defines the status of a contract, such as "Active," "Cancelled," or "Expired," etc.
Contract type	Contract type	An attribute that defines the contract type such as "Hardware maintenance and support," "Software license," "Software maintenance and support, etc."
Contract event filter	Contracts expiring within (30 days)	A measure that defines contracts that expire in 30 days.

Folder	Measure/Attribute	Description
	Contracts expiring within (45 days)	A measure that defines contracts that expire in 45 days.
	Contracts expiring within (90 days)	A measure that defines contracts that expire in 90 days.
	Contracts for renewal within (30 days)	A measure that defines contracts that will be renewed in 30 days.
	Contracts for renewal within (45 days)	A measure that defines contracts that will be renewed in 45 days.
	Contracts for renewal within (90 days)	A measure that defines contracts that will be renewed in 90 days.
	Contracts for review within (30 days)	A measure that defines contracts that will be reviewed in 30 days.
	Contracts for review within (45 days)	A measure that defines contracts that will be reviewed in 45 days.
	Contracts for review within (90 days)	A measure that defines contracts that will be reviewed in 90 days.

Purchases

Use these measures and attributes when creating and customizing widgets related to purchases in Flexera Analytics.

Folder	Measure/Attribute	Description
Latest purchase measures	Purchase amount	A measure that defines the purchase amount over the last 30 days, in dollars.
	Effective quantity	A measure that defines the total number of license entitlements brought in by a purchase.
	Purchase count	A measure that defines the total number of purchases over the last 30 days.
Purchase spend measures	Purchase spent	A measure that defines the purchase amount, in dollars, of purchases that have been bought in the last 12 months.
Unprocessed purchases	Available entitlements	A measure that defines the number of entitlements that are available with this purchase.

Folder	Measure/Attribute	Description
	Unprocessed purchase count	A measure that defines the number of unprocessed purchases.
Purchase	Purchase No	An attribute that defines the purchase number.
	Purchase description	An attribute that describes the product, such as "Windows Web Server," "Outlook 2016," etc.
	Purchase date	An attribute that defines the date of the purchase.
	Creation date	An attribute that defines the date the purchase record was created.
	Publisher name	An attribute that defines the publisher name of the purchase such as "Adobe," "IBM," and "Microsoft," etc.
	Vendor name	An attribute that defines the vendor name of the purchase, such as "Adobe," "IBM," and "Microsoft," etc.
Purchase type	Purchase type	An attribute that defines the purchase type, such as "Hardware," "Service," or "Software," etc.
Purchase status	Purchase status	An attribute that defines the status of the purchase such as "Cancelled," "Completed," "New," or "Pending."

A

AccessedSoftware table 296
 AccessedSoftwareDeviceAssignmentReasons table 297
 AccessedSoftwareOccurrence table 298
 AccessedSoftwareUserAssignmentReasons table 299
 AccessEvidence table 293
 AccessEvidenceEx table 294
 AccessEvidenceMatchCount table 295
 AccessingDevice table 300
 AccessingDeviceSnapshot table 301
 AccessingUser table 301
 AccessingUserSnapshot table 302
 AccessMode table 296
 AcquisitionMode table 44
 Action table 824
 ActionApplies table 825
 ActionClass table 592,811
 ActionState table 826
 ActiveDirectoryComputer table 62
 ActiveDirectoryDomain table 63
 ActiveDirectoryGroup table 63
 ActiveDirectoryMember table 64
 ActiveDirectoryUser table 64
 Activity table 107
 ActivitySource table 108
 ActivityTraceLog table 108
 ActivityType table 109
 ADComputer table 743
 ADExternalMember table 744
 AdministrationAccount table 65
 ADSDOU table 744
 ADUser table 745
 Alert table 110
 AlertCategory table 110
 AlertTarget table 111
 AlertType table 111
 AMTEventLog table 813
 APIServiceAccount table 26
 Application_DIM table 602
 Application_Measurement_FACT table 603
 ApplicationAction_CODE table 599
 ApplicationCategory_CODE table 600
 ApplicationClassification_CODE table 601
 AppVPackageMapping table 65
 Architecture table 802
 ASN1Object table 273
 Asset table 45
 Asset_Activity_FACT table 606
 Asset_FACT table 606

AssetComplianceColumn table 50
 AssetComplianceStatus table 52
 AssetContract table 52
 AssetContractPaymentSchedule table 112
 AssetPropertyValue table 53
 AssetPurchaseOrder table 54
 AssetStatus table 54
 AssetStatus_CODE table 604
 AssetType table 55
 AssetType_CODE table 605
 AssetTypeProperty table 57
 AssetWarrantyType table 57
 AssignmentData table 629
 AssignmentStatus table 302
 AssignmentStatusFailureReasonMapping table 303
 Attribute table 113
 AvailabilityZone table 113
 AvailablePackage table 66
 AvailablePackageType table 67

B

BaselineImport table 68
 BatchProcessExecution table 16
 BatchProcessExecutionData table 17
 BatchProcessExecutionDataName table 18
 BatchProcessor table 25
 BatchProcessorProcessType table 25
 BatchProcessSchedule table 18
 BatchProcessStatus table 19
 BatchProcessType table 20
 BatchProcessTypeLimit table 24
 Beacon table 68
 BeaconActivityStatus table 70
 BeaconAdministrationAccount table 70
 BeaconAgentEvent table 71
 BeaconDiscoveryStatus table 71
 BeaconDiscoveryTaskSummaryStatus table 72
 BeaconDownloadedPolicy table 73
 BeaconExecutionStatusType table 73
 BeaconFilter table 74
 BeaconGroup table 75
 BeaconGroupBeaconMapping table 75
 BeaconGroupBeaconTargetMapping table 76
 BeaconIssueStatus table 76
 BeaconIssueStatusType table 77
 BeaconPolicy table 78
 BeaconPolicyPropertyValue table 79
 BeaconPropertyValue table 80
 BeaconRule table 80
 BeaconRuleAction table 81

BeaconRuleActionPropertyValue table 82
 BeaconRuleBeaconTargetMapping table 83
 BeaconSiteSubnetMapping table 83
 BeaconTarget table 83
 BeaconTargetAgentEvent table 84
 BeaconTargetDiscoveredDeviceMapping table 84
 BeaconTargetPropertyValue table 85
 BeaconTargetSiteMapping table 85
 BeaconTargetSiteSubnetMapping table 86
 BeaconUpgradeMode table 86
 BeaconUpgradeStatus table 87
 BeaconWebServerStatus table 87
 BusinessImportLogDetail table 113
 BusinessImportLogObject table 114
 BusinessImportLogSummary table 115
 BusinessImportResult table 116

C

CategoryData table 630
 ClientAccessDetail table 746
 ClientAccessedAccessEvidence table 304
 ClientAccessedAccessOccurrence table 305
 ClientAccessingDevice table 747
 ClientAccessingUser table 747
 ClientAccessOccurrence table 746
 ClientAccessSourceType table 303
 CloudServiceInstance table 117
 CloudServiceInstanceConnection table 119
 CloudServiceInstanceMatchingRule table 120
 CloudServiceInstanceType table 120
 CloudServiceProvider table 121
 CloudServiceRegion table 121
 Cluster table 306
 ClusterComputer table 307
 ClusterHostAffinityRule table 308
 ClusterHostAffinityRuleType table 309
 ClusterMatchResult table 732
 ClusterNodeType table 309
 ClusterType table 310
 ComplianceActionHistory table 831
 ComplianceActionHistoryResource table 832
 ComplianceComputer table 122
 ComplianceComputerConnection table 127
 ComplianceComputerContract table 128
 ComplianceComputerInventorySourceType table 128
 ComplianceComputerMatchResult table 733
 ComplianceComputerPropertyValue table 129
 ComplianceComputerRole table 130
 ComplianceComputerRuleResult table 131
 ComplianceComputerSnapshot table 311
 ComplianceComputerStatus table 131
 ComplianceComputerTag table 312
 ComplianceComputerType table 132
 ComplianceComputerTypeProperty table 133
 ComplianceComputerUsage table 133
 ComplianceConnection table 27
 ComplianceConnectionParameter table 30
 ComplianceCultureType table 30
 ComplianceDomain table 512
 ComplianceEvent table 134
 ComplianceEventAction table 135
 ComplianceEventHistory table 136
 ComplianceEventState table 136
 ComplianceEventType table 137
 ComplianceHistory table 137
 ComplianceHistoryColumn table 140
 ComplianceHistoryType table 140
 ComplianceImage table 143
 ComplianceLicenseUser table 143
 ComplianceOperator table 31
 ComplianceOperatorAudit table 32
 ComplianceOperatorTenant table 33
 CompliancePredefinedSearch table 144
 ComplianceResourceString table 34
 ComplianceResponsibility table 145
 ComplianceSavedSearch table 146
 ComplianceSchedule table 147
 ComplianceSearchFolder table 148
 ComplianceSearchType table 149
 ComplianceSearchTypeColumn table 152
 ComplianceSearchTypeRelation table 155
 ComplianceSetting table 34
 ComplianceTask table 156
 ComplianceTenantSetting table 34
 ComplianceTenantSettingHistory table 156
 ComplianceUser table 519
 ComplianceUserConnection table 522
 ComplianceUserInventorySourceType table 522
 ComplianceUserPropertyValue table 157
 ComplianceUserSnapshot table 312
 ComplianceUserStatus table 523
 ComplianceUserTag table 313
 ComplianceUserTypeProperty table 158
 Computer table 749
 ComputerChassisType table 159
 ComputerResourceData table 765
 ComputerResourceHierarchySCD table 766
 ComputerResourceProcessorSCD table 767
 ComputerResourceType table 768

ComputerResourceVirtualMachine table 770
 ComputerResourceVMPoolType table 769
 ComputerResourceVMType table 769
 ComputerScriptResult table 812
 ComputerUsage table 819
 ConfigurationFile table 35
 ConfigurationFileType table 35
 ConnectionType table 36
 ConsolidatedAccessEvidence table 842
 ConsolidatedCluster table 846
 ConsolidatedClusterGroup table 849
 ConsolidatedClusterHostAffinityRule table 850
 ConsolidatedComputer table 851
 ConsolidatedFileEvidence table 868
 ConsolidatedInstallerEvidence table 872
 ConsolidatedLicenseUser table 162
 ConsolidatedOracleDatabaseUser table 875
 ConsolidatedRemoteAccessFile table 879
 ConsolidatedRemoteAccessInstaller table 882
 ConsolidatedVMPool table 885
 ConsolidatedWMIEvidence table 887
 ConsolidationType table 163
 ConsumptionData table 631
 Contract table 163
 Contract_DIM table 609
 Contract_FACT table 610
 ContractNote table 169
 ContractNotification table 170
 ContractNotificationResponsibility table 171
 ContractProperty table 171
 ContractPropertyValue table 172
 ContractScopingData table 173
 ContractSecurityUser table 173
 ContractState table 174
 ContractStatus table 175
 ContractStatus_CODE table 607
 ContractType table 175
 ContractType_CODE table 608
 ContractUseRight table 177
 ContractUseRightIBM table 179
 ContractVendor table 180
 CorporateUnitData table 633
 CostCenterData table 635
 Country table 590,809
 Currency table 37
 Currency_DIM table 611
 CurrencyCurrentConversion_FACT table 611
 CurrencyRate table 180
 CurrencyRateSnapshot table 181

CustomPropertyDisplayXML table 182

D

DatabaseConfiguration table 589,799
 DatabaseMutex table 313
 DataWarehouseSetting table 636
 DepreciationMethod table 58
 DeviceRole table 273
 DiscoveredDevice table 274
 DiscoveredDeviceCalculatedMember table 277
 DiscoveredDeviceDiscoveredBy table 88
 DiscoveredDeviceDiscoveryStatus table 88
 DiscoveredDeviceInventoryStatus table 89
 DiscoveredDeviceParent table 278
 DiscoveredDevices_Activity_FACT table 612
 DiscoveredDeviceSNMPInfo table 278
 DiscoveredDeviceTaskDetailedError table 90
 DiscoveredDeviceTaskStatus table 90
 DiscoveredDeviceTaskStatusHistory table 91
 DiscoveredDeviceTaskType table 93
 DiscoveredDeviceVDBrokerInfo table 279
 DiscoveredDeviceVDIInfo table 280
 DiscoveredDeviceVirtualizationInfo table 281
 DisplayXML table 183
 DistributedPackage table 756
 DistributionGroup table 757
 DistributionGroupMember table 757
 DistributionServer table 758
 DistributionServerStatus table 759
 DistributionServerType table 760
 Document table 184
 DocumentHistory table 186
 DocumentNote table 187
 DocumentType table 188
 Domain table 751
 DomainConfiguration table 752

E

EcmSettings table 834
 EmploymentStatus table 524
 EndOfLifeReason table 58
 EndOfSupportLife table 314
 EndOfSupportLifeName table 314
 EntitlementRecommendation table 314
 EntitlementRecommendationState table 316
 EntitlementTransaction table 317
 EntitlementTransactionOtherCandidate table 319
 EntitlementTransactionState table 320
 EntitlementTransactionType table 320
 ErrorCategory table 93
 Event table 188

EventLogCategory table 189
 EventLogDetail table 190
 EventLogLevel table 190
 EventLogStatus table 191
 EventLogSummary table 192
 EventParameter table 192
 EventParameterType table 193
 EventSeverity table 193
 EventTarget table 194
 EventType table 194
 EventTypeStatus table 195
 EvidenceExistenceRule table 321
 EvidenceStatus table 322
 ExpiredImportedComputer table 652

F

FileEvidenceCompany table 324
 FileEvidenceEx table 325
 FileEvidenceFile table 325
 FileEvidenceLanguage table 325
 FileEvidenceMatchCount table 326
 FileEvidencePath table 326
 FileNameMap table 802
 FlexeraLicense table 596,817
 FNMEAAgent table 93
 FNMEAFeature table 323
 FNMEALicensedFeature table 324

G

Group table 753
 GroupEx table 513
 GroupExPathCultureType table 515
 GroupSnapshot table 327
 GroupType table 515

H

HardwareClass table 771
 HardwareObject table 771
 HardwareProperty table 772
 HardwareValue table 772

I

ILMTPVUCounts table 195
 ImportedAccessingDevice table 660
 ImportedAccessingUser table 661
 ImportedActiveDirectoryComputer table 662
 ImportedActiveDirectoryDomain table 662
 ImportedActiveDirectoryExternalMember table 663
 ImportedActiveDirectoryGroup table 663
 ImportedActiveDirectoryMember table 664
 ImportedActiveDirectoryUser table 665
 ImportedActiveSyncDevice table 665
 ImportedARSLicense table 659

ImportedAttributeMapping table 667
 ImportedClientAccessedAccessEvidence table 669
 ImportedClientAccessedAccessOccurrence table 669
 ImportedClientAccessEvidence table 667
 ImportedClientAccessEvidenceMapping table 668
 ImportedCloudServiceInstance table 739
 ImportedCluster table 670
 ImportedClusterGroup table 671
 ImportedClusterGroupMember table 672
 ImportedClusterHostAffinityRule table 672
 ImportedClusterMatchResult table 734
 ImportedClusterNode table 673
 ImportedComputer table 674
 ImportedComputerCustomProperty table 682
 ImportedComputerMatchResult table 734
 ImportedComputerScriptResult table 682
 ImportedCustomPropertyName table 683
 ImportedDomain table 683
 ImportedEvidenceAttribute table 684
 ImportedFileEvidence table 688
 ImportedFileEvidenceMapping table 689
 ImportedFNMEAFeature table 685
 ImportedFNMEAProduct table 686
 ImportedFNMEAUsageStatus table 687
 ImportedGuidMapping table 689
 ImportedILMTPVUCounts table 690
 ImportedILMTPVUCreatedLicenses table 691
 ImportedILMTVMMMapping table 691
 ImportedInstalledFileEvidence table 692
 ImportedInstalledFileEvidencePath table 693
 ImportedInstalledFileEvidenceUsage table 693
 ImportedInstalledInstallerEvidence table 694
 ImportedInstalledInstallerEvidenceAttribute table 695
 ImportedInstalledInstallerEvidenceUsage table 695
 ImportedInstalledWMIEvidence table 696
 ImportedInstallerEvidence table 697
 ImportedInstallerEvidenceMapping table 698
 ImportedInstallerEvidenceRepackageMapping table 698
 ImportedInstance table 699
 ImportedInstanceUser table 700
 ImportedMissingComputer table 701
 ImportedMissingLicenseUser table 702
 ImportedMissingUser table 702
 ImportedProductCodeEvidenceMapping table 705
 ImportedPVUVirtualMachineLayer table 703
 ImportedRelatedInstalledInstallerEvidence table 705
 ImportedRemoteApplication table 706
 ImportedRemoteApplicationAccess table 707
 ImportedRemoteApplicationInstallerData table 707

ImportedRemoteApplicationServer table 708
 ImportedRemoteServerFileEvidenceMapping table 709
 ImportedRemoteUsage table 709
 ImportedRemoteUserToApplicationAccess table 710
 ImportedSite table 711
 ImportedSiteSubnet table 712
 ImportedSoftwareBundleInstallerEvidence table 735
 ImportedSoftwareLicense table 712
 ImportedSoftwareLicenseAllocation table 714
 ImportedSoftwareTitle table 714
 ImportedSoftwareTitleAccessEvidence table 715
 ImportedSoftwareTitleLicense table 716
 ImportedStringMapping table 716
 ImportedStringMappingLatin1CS table 717
 ImportedUser table 718
 ImportedVDI table 719
 ImportedVDIEndPointAccess table 720
 ImportedVDITemplate table 721
 ImportedVDIUser table 721
 ImportedVirtualMachine table 726
 ImportedVirtualMachineMatchResult table 737
 ImportedVMHostDatastore table 722
 ImportedVMHostManagedBySoftware table 723
 ImportedVMHostProperty table 723
 ImportedVMPool table 725
 ImportedWMIEvidence table 729
 ImportedWMIEvidenceRuleMapping table 729
 ImporterRun table 327
 ImporterStepValidationIssue table 328
 ImporterStepValidationIssueType table 329
 ImporterValueMapping table 730
 ImportResolverErrorResult table 196
 ImportResolverType table 197
 IncomingBaseline table 94
 Installation table 761
 Installation_Activity_FACT table 613
 InstallationData table 637
 InstallationHistory table 762
 InstalledApplications table 730
 InstalledFileEvidence table 330
 InstalledInstallerAttribute table 330
 InstalledInstallerEvidence table 331
 InstalledInstanceReplacement table 332
 InstalledSoftwareAttribute table 197
 InstalledSoftwareData table 332
 InstalledSoftwareRemoval table 334
 InstalledSoftwareReplacement table 334
 InstalledSoftwareUsageData table 335
 InstalledWMIEvidence table 336
 InstallerEvidence table 336
 InstallerEvidenceEx table 337
 InstallerEvidenceMatchCount table 338
 InstallerEvidenceType table 338
 Instance table 198
 InstanceAttribute table 200
 InstanceEnvironment table 201
 InstancePropertyValue table 201
 InstanceRole table 202
 InstanceTenancy table 203
 InstanceType table 203
 InstanceTypeProperty table 204
 InstanceUser table 205
 InstdSWAssignmentReasons table 341
 IntervalType table 206
 Inventory_DuplicateHostName_FACT table 613
 Inventory_DuplicateSerialNumber_FACT table 614
 Inventory_VirtualizationType_FACT table 614
 InventoryReport table 773

J

Job table 827

K

KnownOracleListener table 281
KnownOracleService table 282

L

Language table 590,810
LeaseEndReason table 59
License_DIM table 619
License_Position_FACT table 620
LicenseAllocation table 795
LicenseAssignmentConsumptionReason table 342
LicenseAssignmentFailureReason table 343
LicenseBreachReason table 345
LicenseComplianceStatus_CODE table 615
LicenseDefinitionTitle table 346
LicenseDefinitionType table 346
LicenseDefinitionUsageRight table 346
LicenseMeasurement table 347
LicenseModel table 795
LicensePurchase table 796
LicenseSimulation table 348
LicenseSimulationBreachStatus table 348
LicenseSimulationChangeType table 349
LicenseSimulationHWDetails table 350
LicenseSimulationLicenseDetails table 352
LicenseSimulationResults table 353
LicenseSimulationRowType table 354
LicenseSimulationScenario table 356
LicenseSimulationSWDetails table 355

LicenseStatus table 357
 LicenseStatus_CODE table 616
 LicenseType_CODE table 616
 LicenseUser table 206
 LicenseUserConnection table 207
 LicenseUserExcluded table 208
 LicenseUserType table 208
 Locale table 591,810
 LocationData table 638
 LogFile table 209

M

MasterConfigurationFile table 38
 MasterConfigurationFileDescription table 39
 MasterConfigurationFileOptionState table 39
 MasterConfigurationFileSelection table 40
 MasterConfigurationFileVersions table 40
 Media table 802
 MediaContainsPackagePath table 803
 MediaContainsPackageVersion table 803
 MediaType table 804
 Member table 754
 MemberEx table 516
 MobileDevice table 211
 MSEAARLSoftwareTitleEdition table 210
 MSSelectLevel table 210
 MSSelectPool table 211

N

NetworkLocation table 800
 NewFileEvidence table 357
 NotificationItem table 212
 NotificationTemplate table 213
 NotificationType table 213

O

OperatingSystem table 749
 OperatorManageState table 214
 OperatorTaskTypeSetting table 215
 OperatorTenantSetting table 41
 OracleInstance table 216
 OracleLegacyLicenseType table 358
 Organization table 755

P

PackageFamily table 804
 PackagePath table 804
 PackagePathType table 805
 PackageProvides table 805
 PackageRequires table 806
 PackageState table 806
 PackageVersion table 807
 PackageVersionArchitecture table 807

PackageVersionEnvironment table 808
 PackageVersionInState table 808
 PackageVersionLocale table 809
 PartitionType table 592,811
 PaymentSchedule table 216
 PaymentScheduleCategory table 218
 PaymentScheduleDetail table 219
 PaymentScheduleDetailPaymentStatus table 221
 PaymentScheduleTerm table 222
 PaymentScheduleType table 222
 PeriodType table 364
 PODetailProcess table 359
 ProcessAction table 365
 ProcessState table 369
 ProductContainsSoftware table 796
 Project table 223
 Purchase_DIM table 623
 Purchase_Latest_FACT table 624
 Purchase_Spend_FACT table 625
 Purchase_Unprocessed_FACT table 625
 PurchaseData table 640
 PurchaseDateData table 641
 PurchaseOrder table 224
 PurchaseOrderDetail table 227
 PurchaseOrderDetailProperty table 232
 PurchaseOrderDetailPropertyValue table 232
 PurchaseOrderDetailStatus table 233
 PurchaseOrderDetailType table 234
 PurchaseOrderProperty table 235
 PurchaseOrderPropertyValue table 236
 PurchaseOrderStatus table 237
 PurchaseOrderType table 237
 PurchaseProgram table 238
 PurchaseStatus_CODE table 622
 PurchaseType_CODE table 622
 PVUSoftwareLicenseProcessorData table 360
 PVUVirtualMachineLayer table 361

Q

QuerySnapshot table 241

R

Reason table 763
 ReconcileAccdSWDevAsgnReasons table 370
 ReconcileAccdSWUsrAsgnReasons table 371
 ReconcileAccessedSoftwareData table 372
 ReconcileInstalledSoftwareData table 373
 ReconcileInstalledSoftwareUsageData table 374
 ReconcileInststdSWAssignmentReasons table 375
 ReconcileInterestingBundleAccessComputer table 377
 ReconcileInterestingBundleInstallComputer table 377

- ReconcileInterestingLicenses table 378
- ReconcileInterestingTitles table 378
- ReconcileSoftwareAccessDeviceLicensePointsConsumedData table 379
- ReconcileSoftwareAccessUserLicensePointsConsumedData table 379
- ReconcileSoftwareLicenseComputerProblem table 380
- ReconcileSoftwareLicenseCoresConsumedData table 381
- ReconcileSoftwareLicenseGroupPointsConsumedData table 381
- ReconcileSoftwareLicenseILMTPointsConsumedData table 382
- ReconcileSoftwareLicensePointsConsumedData table 383
- ReconcileSoftwareLicensePointsConsumedReason table 384
- ReconcileSoftwareLicenseProcessorData table 385
- ReconcileSoftwareLicenseReconcileExemptionReason table 95
- ReconcileSoftwareLicenseSecondUseMappingData table 386
- ReconcileSoftwareUserLicensePointsConsumedData table 387
- ReconcileVirtualMachineLayer table 388
- Region table 517
- RegistryEvidence table 389
- RegistryEvidenceHive table 390
- RegistryEvidenceKey table 390
- RegistryEvidenceValue table 390
- RelatedInstalledApplications table 731
- RelatedInstalledInstallerEvidence table 391
- RelatedInstalledInstallerEvidenceSourceMap table 392
- RelatedInstalledSoftwareData table 392
- RelationType table 242
- Resource table 592,812
- ResourceString_CODE table 626
- ResourceStringCultureType table 41
- ResponsibilityType table 243
- RestrictedAccessType table 243
- RightDefinition table 42
- RoleRight table 518
- RuleDiscoveryActionSummary table 96
- RuleInventoryActionSummary table 96
- RulesEngineRuleDefinition table 244
- RulesEngineRuleType table 245
- S**
- SAMLCConfiguration table 245
- SAPActivityCheckMultipleLogons table 528
- SAPActivityCheckSummary table 529
- SAPActivityCheckWorkTime table 530
- SAPCompositeRole table 531
- SAPConnectivityDirectionType table 532
- SAPConnectivityType table 532
- SAPConsolidatedUser table 533
- SAPConsolidatedUserDuplicate table 534
- SAPConsumption table 534
- SAPContentEngine table 535
- SAPContentEngineRule table 536
- SAPDuplicateUserRecommendation table 537
- SAPEngine table 538
- SAPEngineConsumptionSummary table 539
- SAPEngineMetric table 540
- SAPEngineMetricName table 540
- SAPEngineName table 541
- SAPEnginePeriodType table 541
- SAPEngineSystemConsumption table 542
- SAPImportedInventoryFileDigest table 543
- SAPLicenseRatio table 544
- SAPLicenseRecommendation table 545
- SAPLicenseType table 546
- SAPLicenseTypeHierarchy table 547
- SAPLicenseTypeName table 548
- SAPModule table 548
- SAPMultipleLogon table 549
- SAPObject table 549
- SAPObjectType table 550
- SAPRecommendationAdjustmentReason table 553
- SAPRecommendationProcessedStatus table 553
- SAPRecommendationSet table 554
- SAPRecommendationSetStatus table 555
- SAPRecommendationSetSummary table 556
- SAPRFCConnection table 550
- SAPRFCConnectionSummary table 551
- SAPRole table 557
- SAPRoleConsumption table 557
- SAPRoleTransactionCode table 558
- SAPRule table 559
- SAPRuleAlgorithm table 560
- SAPRuleCategory table 560
- SAPRuleMapping table 561
- SAPRuleSet table 562
- SAPRuleSetMapping table 563
- SAPRuleType table 564
- SAPSecurityUser table 564
- SAPSoftwareLicense table 393
- SAPSoftwareLicenseType table 394
- SAPSpecialVersion table 395
- SAPSystem table 565
- SAPSystemActivityCheckSummary table 569

SAPSystemClass table 569	SoftwareAccessDeviceLicensePointsConsumedData table 396
SAPSystemEngineMetric table 570	SoftwareAccessMode table 397
SAPSystemEnvironment table 571	SoftwareAccessUserLicensePointsConsumedData table 398
SAPSystemGroup table 572	SoftwareDetails table 782
SAPSystemLandscape table 572	SoftwareFile table 783
SAPSystemLandscapeEngine table 574	SoftwareFileName table 784
SAPSystemLandscapeEngineMapping table 575	SoftwareFilePath table 784
SAPSystemLandscapeLicenseType table 576	SoftwareFileUsage table 819
SAPSystemLandscapeLicenseTypeHierarchy table 577	SoftwareIsoTagEntity table 785
SAPSystemLandscapeLicenseTypeImport table 578	SoftwareIsoTagFile table 785
SAPSystemLandscapeStatus table 579	SoftwareIsoTagSoftwareVersion table 787
SAPSystemMigrationStatus table 579	SoftwareIsoTagUnique table 788
SAPSystemModule table 580	SoftwareLicense table 398
SAPSystemObject table 580	SoftwareLicenseAllocation table 409
SAPSystemPriceList table 581	SoftwareLicenseAllocationStatus table 411
SAPSystemPriceListName table 581	SoftwareLicenseAllocationUserType table 412
SAPSystemRFCConnectionSummary table 582	SoftwareLicenseBreachReasonData table 412
SAPSystemRoleType table 582	SoftwareLicenseChangeEvent table 413
SAPSystemType table 583	SoftwareLicenseChangeEventReason table 413
SAPTransactionProfile table 584	SoftwareLicenseChangeEventSource table 414
SAPTransactionProfileObject table 584	SoftwareLicenseCloudServiceProvider table 415
SAPUser table 585	SoftwareLicenseComplianceStatus table 415
SAPUserRole table 588	SoftwareLicenseComputerProblemData table 416
SAPUserType table 588	SoftwareLicenseComputerProblemType table 416
SecurityType table 246	SoftwareLicenseConnection table 417
SerialNumberBlackList table 247	SoftwareLicenseContract table 418
ServiceComponent table 774	SoftwareLicenseContractPaymentSchedule table 248
ServicePack table 395	SoftwareLicenseCoresConsumedData table 418
ServicePackName table 396	SoftwareLicenseCreation table 419
ServiceProvider table 775	SoftwareLicenseData table 642
ServiceProviderApplicationOracle table 776	SoftwareLicenseDefinition table 419
ServiceProviderApplicationUsagePerMonth table 776	SoftwareLicenseDuration table 421
ServiceProviderApplicationUsageType table 777	SoftwareLicenseExemptionReason table 421
ServiceProviderApplicationUserOracle table 777	SoftwareLicenseExemptionRole table 422
ServiceProviderComponent table 778	SoftwareLicenseGroupAllocationReportingType table 423
ServiceProviderComponentProperty table 778	SoftwareLicenseGroupAssignmentHistory table 424
ServiceProviderComponentValue table 779	SoftwareLicenseGroupAssignmentHistoryType table 425
ServiceProviderName table 779	SoftwareLicenseGroupBreachStatus table 426
ServiceProviderProperty table 780	SoftwareLicenseGroupPointsConsumedData table 426
ServiceProviderType table 780	SoftwareLicenseGroupPointsConsumedData table 427
ServiceProviderValue table 780	SoftwareLicenseKey table 428
ServiceUser table 781	SoftwareLicenseKeyType table 429
ServiceUserOracle table 782	SoftwareLicenseMetric table 429
SessionUIDBeacon table 247	SoftwareLicensePartitioningDefault table 439
SettingName table 43	SoftwareLicensePoints table 440
ShippingMethod table 248	SoftwareLicensePointsConsumedData table 441
Site table 283	SoftwareLicensePointsConsumedReasonData table 442
SiteSubnet table 284	
SnapshotData table 641	

- SoftwareLicensePointsConsumedReasonType table 443
 - SoftwareLicensePointsDefault table 443
 - SoftwareLicensePointsRule table 445
 - SoftwareLicensePointsRuleCloudServiceProvider table 447
 - SoftwareLicensePointsRuleSet table 448
 - SoftwareLicenseProcessorPointsData table 448
 - SoftwareLicenseProduct table 450
 - SoftwareLicensePropertyValue table 452
 - SoftwareLicenseProposalStatus table 453
 - SoftwareLicensePurchaseType table 454
 - SoftwareLicensePVUPointsConsumedComputersSCD table 434
 - SoftwareLicensePVUPointsConsumedPerHostSCD table 436
 - SoftwareLicensePVUPointsConsumedPerRegionSCD table 437
 - SoftwareLicensePVUPointsPeakConsumedData table 438
 - SoftwareLicensePVURegionPeakCalculatedData table 439
 - SoftwareLicenseReconcileExemptionReasonData table 97
 - SoftwareLicenseReservation table 454
 - SoftwareLicenseReservationNecessityCheckResult table 455
 - SoftwareLicenseReservationStatus table 456
 - SoftwareLicenseReservationType table 457
 - SoftwareLicenseScopeTag table 457
 - SoftwareLicenseScopeTagType table 457
 - SoftwareLicenseScoping table 458
 - SoftwareLicenseSecondUseMappingData table 458
 - SoftwareLicenseSnapshot table 459
 - SoftwareLicenseTierType table 460
 - SoftwareLicenseType table 461
 - SoftwareLicenseTypeChangeProposal table 466
 - SoftwareLicenseTypeCloudServiceProviderDefault table 467
 - SoftwareLicenseTypePriority table 467
 - SoftwareLicenseTypeProperty table 468
 - SoftwareLicenseUsageHistory table 834
 - SoftwareLicenseUseRight table 468
 - SoftwareLicenseUseRightIBM table 470
 - SoftwareLicenseUseRightName table 471
 - SoftwareLicenseUseRightProposal table 475
 - SoftwareLifeCycle table 477
 - SoftwareOccurrence table 789
 - SoftwareOccurrenceSoftwareIsoTagFile table 790
 - SoftwareProduct table 797
 - SoftwareProperty table 791
 - SoftwarePublisher table 798
 - SoftwareRecognition table 477
 - SoftwareReseller table 798
 - SoftwareSku table 479
 - SoftwareSKULookup table 479
 - SoftwareTitle table 480
 - SoftwareTitleAccessEvidence table 483
 - SoftwareTitleAction table 484
 - SoftwareTitleClassification table 484
 - SoftwareTitleData table 644
 - SoftwareTitleEdition table 486
 - SoftwareTitleEOSL table 485
 - SoftwareTitleEx table 487
 - SoftwareTitleFileEvidence table 488
 - SoftwareTitleHierarchy table 489
 - SoftwareTitleHierarchyEx table 490
 - SoftwareTitleInstallerEvidence table 491
 - SoftwareTitleLicense table 491
 - SoftwareTitleLicenseProposal table 492
 - SoftwareTitleLicenseProposalAction table 493
 - SoftwareTitleLicenseReason table 494
 - SoftwareTitleOracle table 494
 - SoftwareTitleProduct table 495
 - SoftwareTitleProperty table 496
 - SoftwareTitlePropertyValue table 496
 - SoftwareTitlePublisher table 497
 - SoftwareTitleRegistryEvidence table 498
 - SoftwareTitleSuite table 498
 - SoftwareTitleSuiteEx table 499
 - SoftwareTitleType table 499
 - SoftwareTitleVersion table 500
 - SoftwareTitleVersionServicePack table 501
 - SoftwareTitleWMIEvidence table 501
 - SoftwareUsagePerWeek table 820
 - SoftwareUserLicensePointsConsumedData table 502
 - SoftwareUserLicensePointsConsumedSuggested table 503
 - SoftwareUserLicensePointsConsumedSuggestedHistory table 503
 - SoftwareUserLicensePointsHistory table 504
 - SoftwareValue table 791
 - SoftwareVersion table 791
 - StatusCodeCategory table 97
 - Subnet table 800
 - SystemShutdown table 248
- T**
- Tag table 505
 - TargetOperatingSystemType table 505
 - TargetType table 593,814
 - Task table 828
 - TaskExecutionStatus table 249
 - TaskExecutionStatusStep table 250
 - TaskSchedule table 828

TaskStep table 251
 TaskStepEventType table 252
 TaskType table 829
 TemporalInstalledSoftwareSCD table 506
 Tenant table 597,818
 TermAndCondition table 252
 TermAndConditionTask table 254
 TermAndConditionType table 254
 TimezoneType table 43
 TrackGroup table 835
 TrackSoftwareLicenseUsage table 836
 TrackSoftwareTitle table 837
 TrackSoftwareTitleUsage table 838

U

UALSoftwareDetail table 748
 UIAlignmentType table 98
 UIFieldType table 99
 UIInsertType table 99
 UIItem table 100
 UIItemTargetSubType table 101
 User table 750
 UserNameBlacklist table 255
 UserSuffix table 524
 UserTitle table 525

V

VDI table 507
 VDIEndPointAccess table 508
 VDIGroup table 508
 VDISite table 509
 VDITemplate table 509
 VDIUser table 510
 Vendor table 263
 VendorContact table 265
 VendorData table 645
 VendorProperty table 267
 VendorPropertyValue table 268
 VendorPurchaseData table 646
 VirtualDesktopAccess table 792
 VirtualDesktopApplicationUsage table 793
 VirtualDesktopGroupAccess table 794
 VirtualDesktopGroupAccessScan table 794
 VirtualizationProductName table 285
 VirtualMachine table 269
 VirtualMachineMatchResult table 738
 VMEnabledState table 256
 VMHostDatastore table 256
 VMHostManagedBySoftware table 257
 VMHostProperty table 257
 VMPool table 259

VMPoolType table 260
 VMSourceType table 261
 VMState table 261
 VMType table 262
 VMType_CODE table 626

W

WakeOnLANDistributionJob table 822
 WakeOnLANStatus table 822
 WakeOnLANTask table 823
 WMIEvidence table 510
 WMIEvidenceMatchCount table 511

X

XMLInsertType table 271

Z

ZoneResourceManagementMethodType table 271