

flexera

Data Platform Data Extraction from FNMS

An Overview



Legal Information

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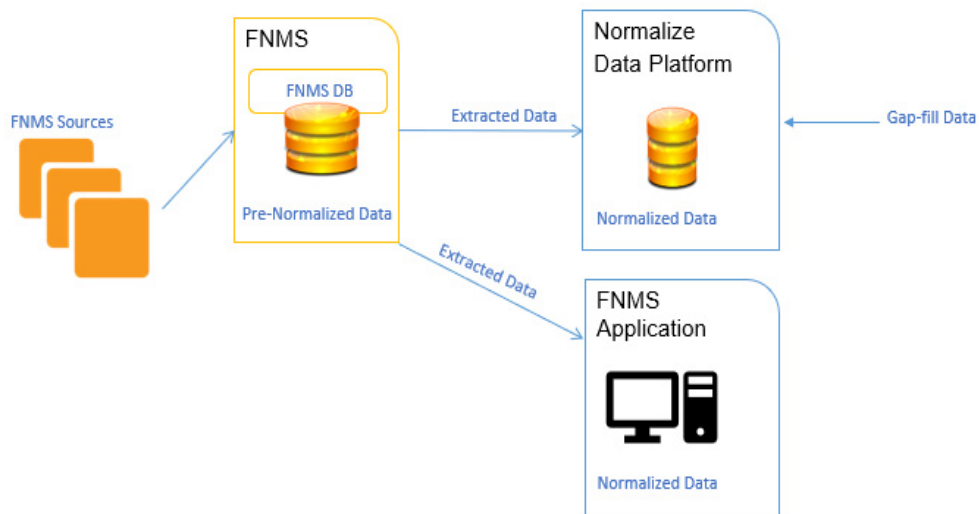
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Data Platform Data Extraction from FlexNet Manager Suite

Flexera introduces the Data Platform V5 extractor that enables Data Platform V5 customers to extract data from Flexnet Manager Suite (FNMS). This extractor provides access to FNMS supported adapters, which are not available discovery and inventory sources for Data Platform customers currently.

The Data Platform V5 extractor is targeted at new customers that use both Data Platform and FNMS on premises. The Data Platform V5 extractor is easy to implement and provides access to FNMS supported adapters, such as ILMT or TEM.

Figure 1-1: Data Platform data extraction from FNMS



About Data Platform data extraction from FNMS

A Data Platform V5 customer can normalize discovery and inventory data that is extracted from FlexNet Manager Suite (FNMS) and consume the results through Data Platform Publish and Analyze. Customers configure a connection from Data Platform to FNMS and then extract the data to Data Platform.



Note • Counts of devices and installs vary between Data Platform and FlexNet Manager Suite (FNMS) because they use different normalize engines.

Prerequisites for setting up Data Platform V5 extractor

The following list describes prerequisites for setting up the Data Platform V5 extractor:

- Data Platform V5 with patch level 5.5.13 or later installed.
- FNMS on premises, version 2018 R2 or later.

Data Platform V5 extractor features

The following list describes information about using the Data Platform V5 extractor:

- A Data Platform user can normalize data from FNMS raw discovery tables and consume the results via Data Platform Publish and Analyze.
- A Data Platform user can request gap fill for extracted records that are not successfully mapped to a Technopedia record.
- The FNMS normalization process is not impacted by using the Data Platform V5 extractor.
- Data Platform V5 extractor users have access to the FNMS supported adapters. For more information about the FNMS adapters, see the FlexNet Manager Suite Inventory and Adapters Reference guide (<https://helpnet.flexerasoftware.com/fnms2018r2/onpremises/FNMSInvAdaptersAndConnectorsReference.pdf>).

Setup and configuration of the Data Platform V5 extractor

On the **Normalize** screen of the Data Platform Administration screen, do the following steps:



Task

1. Click **Create Process**.
2. Click **IT Discovery Tool** on the **Create Process** screen.
3. Click **Flexnet Manager Suite** to select it and then click **Next**.
4. The **Configuration File** field is most likely to be populated with the default configuration file, which you don't need to change.
5. Type the FNMP server name or IP address.
The FNMS Database is referred to as FNMP (FlexNet Manager Product).

6. Type the database name that you are connecting to in the **Database Name** field. Typically, the database name is FNMP or the name it has been given.
7. Type the user credentials that are used to access the database.
8. Click **Test Connection** to test the connection.
9. Click **Next**.
10. Accept the default name in the **Inventory Name** field or choose a new name.
11. Click **Finish**.
12. On the **Normalize** screen, click **Start Process** to extract the data from FNMS.

Figure 1-2: Create Process Screen

Create Process ? [X]

Process Type > IT Discovery Tool > Data Source

Select Data Source

Specify data source and location of discovery tool.

MSSQL Oracle DB2 MySQL PostgreSQL Sybase API

Configuration File:

Server Name:

Database:

Use Windows Authentication

User Name:

Password:

Viewing the normalized data

To view the extracted and normalized data from FNMS raw discovery tables, choose any of the following methods:

- Click on **Inventory**, and download CSV files.
- View the data in Data Platform tables.
- View the data in the Data Platform User Console.

Caveats about using the Data Platform V5 extractor

The following list describes caveats about the Data Platform V5 extractor:

- Usage and metering data is not available for consumption when you use the Data Platform V5 extractor.
- Data Platform V5 extractor is not compatible with FNMS Cloud.
- CPU core counts are not available for consumption when you use the Data Platform V5 extractor.
- Limited virtualization data is available when you use the Data Platform V5 extractor.



Important • Because of differences between FNMS normalization and Data Platform normalization, customers should not expect parity between Data Platform and FNMS normalization results. Normalization parity between Data Platform and FNMS is expected to be available in later versions of Data Platform and FNMS.



Important • Customers must not use the Data Platform V5 extractor with another Data Platform extractor. For example, when you use the Data Platform V5 extractor to extract SCCM data from FNMS into Data Platform, you must not use the Data Platform SCCM extractor at the same time.

Examples of sample data extracted by the Data Platform V5 extractor

The following table describes high-level data extraction details from a sample FNMS database by using sources such as SCCM, ADDM, HPUD, ILMT, ILMT SQL, and TEM to Data Platform.

In the table, the data results are extracted from a sample FNMS database. The results are not meant to be a true representation of what you might get from a live extraction source but they give you an indication of the possibility of unmatched data when Data Platform V5 extractor extracts data from FNMS.

Table 1-1 • Data Mapping Results

Data items	Total items discovered	Known items (Mapped or Irrelevant)	Known Percentage	Unknown items	Unknown Percentage
CPU Model	2480	197	7.94%	2283	92.1%
Hardware Model	2865	1974	68.9%	891	31.1%
Operating Systems	2865	2419	84.4%	446	15.57%
Software Non-Tier 1/2	34100	20838	61.1%	13262	38.89%
Software (All)	469062	422691	90.1%	46371	9.9%
Software Tier 1	29462	27220	92.3%	2242	7.6%
Software Tier 2	8418	8068	95.8%	350	4.2%



Note • The data mapping results in the table are from a sample database and are unlikely to be truly representative of a live data extraction for your FNMS database.

Observations about the data that is output in Data Platform

The observations described in the following list refer to the data in the table above, which is from a sample database:

- Several operating systems from different platforms were identified as **unknown**, which indicates that there is no mapping in Data Platform.
 - Most Operating systems that were not identified by Data Platform were Unix or Linux types.



Note • Technopedia is known to have limited coverage of Unix and Linux operating systems.

- In FNMS the OS platforms are mostly discovered using WMI evidence and some of this information might not be mapped in Data Platform.
- As seen in the table, software has a good mapping correlation between Data Platform and FNMS.

Record marking in Data Platform and FNMS

The following list describes how records are marked when they don't match in Data Platform:

- Because of differences in Data Platform and FNMS normalization, some items that are successfully normalized in FNMS might be flagged as **Irrelevant** by Data Platform.
- When Data Platform has not identified an item previously, the normalize process returns an **Unknown** status for that item.
 - Items that are not successfully normalized in Data Platform can be resolved by engaging the Technopedia gap-fill process.
 - A match in Data Platform Normalize requires an exact match, unlike FNMS where a wild card is used.