

# FlexNet Manager Suite 2014 R3

Known Issues

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Resolvers and Importers	AD import fails with out of memory exception	IOJ-1726502	
1	WebUI infrastructure	Batch scheduler cannot automatically recover from a temporarily dropped SQL server connection	IOJ-1724845	
2	Software Assets	Unchecking 'allow sub capacity for points calculated outside of ILMT' causes entire cluster to be consumed	IOJ-1664632	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Database	Displaying Oracle Named User Plus license is slow	IOJ-1725883	
1	Import	No error information is displayed should FlexNet Manager Suite experience a fatal error.	IOJ-1727382	
1	Inventory	Oracle inventory import failed, with query error	IOJ-1731083	
1	Resolvers and Importers	FlexNet inventory agent .ndi files may fail to resolve if database maintenance task executes before first .ndi is resolved	IOJ-1729646	
1	Resolvers and Importers	AD import fails with out of memory exception	IOJ-1726502	
2	Import	ADDM Imported serial numbers(Solaris/AIX) do not match, resulting in duplicate computers	IOJ-1712776	
2	Import	Error when writing XenApp inventory into the databases caused by � character	IOJ-1728970	
2	Import	Duplicate users are created if SCCM data source is imported before FNMS data source	IOJ-1729804	
2	Inventory	The Oracle LMS scripts need to be updated to correctly detect "LifeCycle Management Pack" usage	IOJ-1721738	
2	WebUI	Red bar appears for validation message when creating a Device - Validation Text Format is not correct	IOJ-1715022	
2	WebUI infrastructure	Grids with 1000-row page size and viewing licenses with large number of installations may perform slowly	IOJ-1725086	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Beacon UI	Test Connection throwing a 'Failed to connect to database' error in BeaconUI Inventory Import when password = 'password'	IOJ-1717074	
1	Contracts	Alert and Tasks of the terms and conditions are getting cleared from the Contracts portal	IOJ-1736726	
1	Import	Beacon subnet mapping may be lost on import if there are multiple Inventory Manager sources	IOJ-1666929	
1	Import	An import may fail due if the Orcale EBS Application ID length exceed 400 characters	IOJ-1724330	
1	Import	Vendor purchase data export (to the data warehouse) may not record updates when a Purchase Order is modified	IOJ-1724160	
1	Import	The importer will fail when two affinity rules have the same name and cluster	IOJ-1723594	
1	Import	Importing Oracle inventory where the database and instance data exceeds 512 characters, can result in a SQL Server exception	IOJ-1720157	
1	Import	Manually associating a Virtual Machine will be lost on next import	IOJ-1723406	
1	Import	Imported data is exceeding the column length in CorporateUnitData table	IOJ-1723002	
1	Import	Oracle EBS users, with a negative user ID, may result in an import failure violating the 'UQ_ImportedLicenseUser' uniqueness constraint	IOJ-1732046	
1	Import	ADDM inventory results in compliance failure "Failed to execute Writer "WriteVirtualMachines" when duplicate computers are returned	IOJ-1729244	
1	Import	Compliance import fails with "Arithmetic overflow error" when repeatedly importing file evidence	IOJ-1720928	
1	Import	Altiris inventory import failure attempting to insert a duplicate computer record	IOJ-1728577	
1	Import	Virtual Machine core counts are not being imported from ILMT and ADDM data sources	IOJ-1721204	
1	Inventory	Device grid on the beacon properties page shows duplicates, and no device details in the grid	IOJ-1717500	
1	Inventory	Inability to install FNMS agent on OS X 10.9+	IOJ-1731670	
1	Resolvers and Importers	Software ID Tag inventory is not imported for products with different product titles but the same swid:unique_id values	IOJ-1734481	
1	Software Assets	The Consumed field on IBM Concurrent User and Floating User licenses is not editable	IOJ-1723545	
1	Software Assets	Incorrect calculation of virtual processor cores for Virtual Machines	IOJ-1722078	
1	Software Assets	The value of the Consumed field in a CAL license is not editable	IOJ-1701024	
1	Software Assets	Group Assignment compliance status may not factor in child assignments	IOJ-1700735	
1	Software Assets	User license may consume second license when two versions, of the same application, are installed	IOJ-1731602	
1	Software Assets	Cannot update the User Type field of an IBM Authorized User or IBM User Value Unit license	IOJ-1732451	
1	Software Assets	Oracle Processor licenses may not calculate by socket as directed	IOJ-1727429	

1	WebUI infrastructure	Support for field validation rules is not available on custom properties	IOJ-1730643
2	Beacon UI	Modified authentication settings are not saved to the inventory Beacon	IOJ-1732042
2	Inventory	Error 'No Oracle instance was successfully inventoried on host' is displayed when more than one Oracle password store account is queried	IOJ-1665094
2	WebUI infrastructure	Cannot choose the delimiter character used in a custom property field	IOJ-1732780
2	WebUI infrastructure	Reverting a custom property date that was blank sets the date to 1/1/1900 instead of blank	IOJ-1732568
2	WebUI infrastructure	Empty Date fields, in a Custom tab, will display an error when data is entered into any fields on the tab	IOJ-1732566
2	WebUI infrastructure	Custom properties cannot be updated using multi-select	IOJ-1731051
3	Inventory	Oracle LMS certification update for Oracle LMS 15.1	IOJ-1739927
3	Inventory	The Inventory Date of an Oracle instance may not always use the value from the Primary Connection source, when using multiple inventory sources	IOJ-1737926
3	Inventory	The Oracle LMS inventory query produces an error due to incorrect label name	IOJ-1740244
3	Inventory	For Oracle LMS, Oracle 9i inventory is not returning any LMS data	IOJ-1740243
3	Inventory	For Oracle LMS, Overview and Detail .csv files require a row for each pluggable database	IOJ-1740242
3	Reports	Asset custom reports display "Select a value" instead of the actual value	IOJ-1733021
3	Resolvers and Importers	After an AD Sites & Subnets import, changes are not displayed in the UI, but are recorded in the log file	IOJ-1736973
3	WebUI infrastructure	Custom property fields do not allow blank fields in drop-downs	IOJ-1723522
3	WebUI infrastructure	Entering invalid data formats into custom fields does not show an error and silently discards the data	IOJ-1732571

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Import	Suite recognition rule runs before precedence rule, resulting in some SQL Server applications remaining visible	IOJ-1744338	
2	Import	Un-installed Adobe applications may still be recognised when SWID tag is not deleted	IOJ-1662413	
2	Import	Installer evidence from Altiris adapter does not match standard ARL evidence patterns	IOJ-1741450	
2	UX	Cannot scroll "Duplicate Serial Number" pop-up dialog when over 21 duplicates are found	IOJ-1728493	
3	Hardware Assets	Retirement creates unlinked history entries for every application on a computer	IOJ-1732590	
3	Inventory	Unwanted repeated "Linked to Inventory device :" entry in inventory device history	IOJ-1722634	
3	Language Pack	Cognos custom report may return a Metadata error if it uses the License Computer Link insertable object	IOJ-1737492	
3	ServiceNow	ServiceNow adapter needs a method to enable a full and differential upload	IOJ-1720570	
3	Software Assets	Retired licenses appear in the under-consumed licenses from the Management Dashboard	IOJ-1737789	
3	WebUI infrastructure	Performance of custom report creation with search string needs improvement	IOJ-1726552	
4	Inventory	Inventory Error report field 'Problem Summary' is not properly formatted when Oracle inventory failed	IOJ-1729634	

<sup>11</sup> issues

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Purchases	Accepting license recommendations may cause an error when combining a Microsoft License Statement import with an older 'standard' Microsoft purchase	IOJ-1748322	
1	SAP integration	A large SAP Role Consumption calculation may cause the TempDB to exceed its size.	IOJ-1739942	
1	Security	Cross Site scripting vulnerability via javascript URL scheme in document attachment	IOJ-1744765	
2	Inventory	Deleting Discovered Device does not remove IM Computer record in all cases	IOJ-1739109	
2	Purchases	Unprocessed Purchases card incorrectly includes deferred purchases	IOJ-1723045	
2	Software Assets	The wrong Oracle license may be selected due to an incorrect maximum socket count	IOJ-1742490	
2	Vendors	Error when deleting a Vendor that is linked to purchase, when it is linked via the Publisher field of the purchase	IOJ-1720201	
2	WebUI infrastructure	Data upload failure may occur when using the one off upload function	IOJ-1719719	
3	ContentDev Update	A failed ARL update performed an update of the installed ARL version, even though the update did not succeed	IOJ-1727568	
3	Inventory	The computer 'Last used date' is not available in the applications list for a device	IOJ-1731186	
3	Language Pack	German translation for "Acceptance period" (in terms and conditions of a contract) should be "Annahmefrist" and consistent everywhere	IOJ-1741366	
3	ServiceNow	The token display area, for ServiceNow export settings, may be too short for some tokens	IOJ-1715856	
3	Software Assets	License Type in All Licenses page does not sort correctly	IOJ-1728286	
3	WebUI infrastructure	Unable to save Swedish Kroner as a currency in FlexNet Manager Suite	IOJ-1700578	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Agent	Non privileged users can use the installation agent to gain elevated privileges	IOJ-1748982	
1	Import	Third party inventory sources may have inconsistent domain data that can result in duplicate users	IOJ-1751462	
1	Purchases	Unprocessed purchases page fails with red error bar, and is unusable when multiple recommendations exist for a single purchase	IOJ-1722465	
2	Import	ILMT reader will fail when database collation of Temp database and FNMP database are different	IOJ-1666466	
2	Resolvers and Importers	Slow processing of .ndi (inventory) files when multiple files are copied to the incoming directory	IOJ-1753281	
3	Agent	Redundant application deployment peer-2-peer service exists in the FlexNet Agent installer	IOJ-1721510	
3	Hardware Assets	"Device Assets without Inventory" is displayed as an "Inventory Device" when using custom views	IOJ-1720375	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Database	Scoping in data warehouse is broken when identity fields are set to 1	IOJ-1754261	
1	Software Assets	The "IBM PVU License Consumption" report does not implement data scoping, any user can see all devices in the report	IOJ-1755345	
2	Import	Installer Evidence Install date may not be updated if first imported install and discovery date is NULL	IOJ-1713238	
3	Import	Altiris installer evidence may not be imported correctly when installer evidence with the same display name and publisher has already been imported	IOJ-1754532	
3	Software Assets	Inconsistent license compliance calculations for assets recorded as 'In Storage'	IOJ-1719908	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	ServiceNow, Specialist Integrations	A newly created contract in FlexNet Manager Suite, when exported, creates an invalid contract record in ServiceNow.	IOJ- 1765994	
2	Beacon engine	Active Directory imports always run all connections, with no way to run individual connections	IOJ- 1717204	
2	Business Adapter	The business importer fails upon encountering NULL in the Evergreen column of a contract	IOJ- 1737598	
2	Import	Some installations of the FlexNet Inventory Agent are not recognised	IOJ- 1712445	
2	Resolvers and Importers	Data may be lost when resolving Active Directory and Inventory, concurrently for the same domain	IOJ- 1712138	
2	SAP integration	A FlexNet Manager for SAP Applications error may occur when importing recommendations into the Admin Module.	IOJ- 1758306	
2	Security	Displayed errors in FlexNet Manager for SAP Applications may include inappropriate technical information	IOJ- 1765810	
2	Specialist Integrations	Deleted Computers and Applications are created in ServiceNow, if do not already exist, when FlexNet Manager Suite is not set as 'source of truth'.	IOJ- 1766633	Do not perform a full export the very first time. This ensures all subsequent normal export tasks are increment exports.
2	WebUI infrastructure	Poor performance when setting the "exemption reason" drop down list on the "Consumption" tab of license	IOJ- 1725704	
3	ContentDev Update	The content importer allows importing the same version of the PURL/SKU libraries, and updates the Last successful update	IOJ- 1753866	
3	Inventory	Inventory Device history is missing key information	IOJ- 1715045	
3	Purchases	No alert is displayed when processing purchases, and some entitlements are not assigned to licenses	IOJ- 1713999	
3	Purchases	No capability to easily view SKU details from the unprocessed purchases page	IOJ- 1715268	
3	Purchases	When processing a purchase using a recognised SKU with contract maintenance, the wizard fails to present contract maintenance as the default on the maintenance settings page.	IOJ- 1700886	
3	Reports	Cognos report error: "Invalid object name 'dbo.BusinessUnitByOperatorLogin'" will occur when using the function "CorporateUnitByOperatorLogin"	IOJ- 1700243	
3	Software Assets	Unable to view any Application precedence relationships	IOJ- 1724202	

3 Software Assets The report 'Applications Across Versions' has been retired	IOJ- 1717324
--	-----------------

Severity	Component(s)	Summary	Master Issue Number	Workaround
2	Software Assets	Compliance Trend report overlaps other components if multiple licenses are selected	IOJ- 1757365	
2	Software Assets	The Allocated Points column in the Computers (Consumption) Tab defaults to zero when allocating computers	IOJ- 1708228	
2	WebUI infrastructure	Validation on a read-only field prevents saving an unrelated change when an 'out of range' value has been loaded into the field from the database.	IOJ- 1731237	
3	Documentation	The 'Using FlexNet Business Importer 2016 R1' documentation contains out of date information about obtaining DDI files.	IOJ- 1773805	If you are using an On-premises installation, the DDI files are installed by default on your application (or batch) server.
				The default location of the DDI files is C:\ProgramData\Flexera Software\Beacon \Master\DDI. (If you have a larger implementation with separate servers, this path is on your batch server.)
				The DDIs rely on CSV (Comma Separated Values) example files that are installed by default in C:\ProgramData\Flexera Software\Beacon\ExampleCSV on the same server.
				It is good practice to keep these templates unedited, as master copies.

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Security	Security vulnerability in the Beacon web plugin. Refer to Knowledge Base article 000022093.	IOJ-1807486	
2	Agent	Registry handles are not closed by the FlexNet inventory agent resulting in large build-up of open handles over time	IOJ-1810018	
2	Beacon engine	Inventory beacon servers will check for policy/rule updates every minute, ignoring the 'Interval for beacon updates' setting.	IOJ-1722573	
3	Software Assets	License reconcile may fail if a license is deleted while calculating consumption data for enterprise group allocations	IOJ-1758495	
3		The site and enterprise licenses may display a Breach reason when the 'Consumed' count is bigger than the 'Total licensed' count.	IOJ-1802437	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1		The blacklisted serial numbers list in Flexnet Manager Suite cloud may affect other cloud customers, computer inventory matching.	IOJ-1832221	
3	Import	A Microsoft SCCM 2012 import may fail when importing a large volume of file evidence	IOJ-1709183	

Severity	Component (s)	Summary	Master Issue Number	Workaround
1	Import	Inventory importer may fail when Microsoft System Center Configuration Manager (SCCM) has long values for recently used MSIs	IOJ-1845249	
2	Inventory Beacon	Imports using an excel spreadsheet in .xls format do not work after Microsoft security updates have been applied	IOJ-1847711	https://blogs.msdn.microsoft.com/dataaccesstechnologies/2017/10/18/ unexpected-error-from-external-database-driver-1-microsoft-jet-database-engine- after-applying-october-security-updates/

Severity	Component (s)	Summary	Master Issue Number	Workaround
1	Import	Inventory importer may fail if there are 2 cluster groups with the same name	IOJ-1856189	
3	Language Pack	French Web UI > License Properties: the "Set Compliance status manually" label is wrapped to the second line while there's enough space to accommodate the text	IOJ-1811384	
3	Software Assets	'Recommended Change' column values are blank when exporting the 'Recommended License Changes' as a .csv .pdf .rtf or Excel file	IOJ-1727212	
3		German Web UI: Asset Properties page > Documents tab > "Physical location" (Physischer Standort" is cut-off, the ending "t" is not visible.	IOJ-1769794	

<sup>4</sup> issues

Severity	Component(s)	Summary	Master Issue	Workaround
			Number	
1	Contracts	Linked Assets and Licenses may be deleted from a Contract when saving Contract properties	IOJ- 1865851	No workaround
2	Beacon engine, Inventory Beacon, Security	ActiveDirectoryImport.exe is called by BeaconEngine.exe using plain text passwords in command line	IOJ- 1864172	A workaround to collect data is to schedule AD import using MS task scheduler and specify the domain account to query AD data for the MS schedule task. This prevents the password from being exposed by using the user specified to run schedule task.
2	Inventory	SQL Tuning Set causes Real Application Testing and Oracle Tuning Pack to be marked as installed	IOJ- 1724376	
2	Inventory	Environment variables cannot be entered to include file path scan	IOJ- 1723893	
3	Inventory Beacon	If LastKnownActivityTime is not set, beacon status update does not update it	IOJ- 1700807	
3	WebUI	For non-mandatory field validation errors, the tab with the error is not highlighted	IOJ- 1712211	No workaround available
3	Inventory	OracleLMSAuditEvidence has incorrect value for the 'Total logical cores' column	IOJ- 1860143	
3	Discovery	Sites displayed in the Subnets page are not sorted	IOJ- 1719453	No workaround
3	WebUI infrastructure	In IE11, some strings in a drop-down box are longer than the width of the drop-down box	IOJ- 1715775	Use the 'Advanced filter' editor instead.
3		Oracle instance properties shows incorrect 'Last inventory date'	IOJ- 1869873	

Severity	Component(s)	Summary	Master Issue Number	Workaround
1	Import	ADDM import failure when multiple CPU or Hardware Evidence records exist for a single Host	IOJ-1908014	
2	Import	Hosts belonging to different clusters with the same name sometimes appear under the incorrect cluster	IOJ-1889441	Rename the cluster name to keep them unique.

Severity	Component (s)	Summary	Master Issue Number	Workaround
2	WebUI	Asset not showing linked inventory	IOJ-1929186	
3	Installer	PowerShell script process fails when non default SQL port is used	IOJ-1728269	You can either:     Hard code the port number in the DatabaseHelper.ps1 script, or     Add the port number to the end of the hostname, ensuring you keeping the entire string within a single quote, such as 'hostname\instance,portnumber'  Note: If the wrong entry is already in the registry, you can use forceUpdateConfig to prompt for the latest database information.
3	Inventory, WebUI	Discovery & Inventory rule shows incorrect day selection when scheduling weekly frequency	IOJ-1727433	
3		Performance issues with license consumption grid	IOJ-1928563	

19

<sup>4</sup> issues

## Unresolved issues in release 2014 R3

Severity	Component (s)	Summary	Master Issue Number	Workaround
2	Agent	FlexNet inventory agent reports discovered Oracle listener, based on hostname rather than bound network interface controller DNS name	IOJ- 1740259	
2	Business Adapter	The Business Importer password is shown in plain text in the simulation UI if the import source is ODBC	IOJ- 1739487	
2	Contracts	A scoped operator may receive an error when searching for contracts	IOJ- 1724716	
2	Database	Upgrading from FlexNet Manager Platform 9.2 to FlexNet Manager Suite, the error message "Not all objects are owned by dbo" may be encountered during the database migration step.	IOJ- 1761482	
2	Discovery	Oracle RAC servers in 'Discovered Devices' may have an IP address = Localhost (127.0.0.1) which results in no Oracle discovery	IOJ- 1725445	
2	Hardware Assets	When bulk creating assets from inventory, after configuring "Duplicate Serial Number" on a portion of the devices and saving the changes, any remaining machines are not created as an Asset	IOJ- 1719624	
2	Import, Purchases	Import may fail in entitlement processing and license reconcile if purchases have extremely large quantities	IOJ- 1722974	
2	Import	Data Warehouse export does not cater for enterprise groups with '/' embedded in level names.	IOJ- 1724226	
2	Import	The 'Synchronize assigned user with calculated user' check box on Inventory tab under system settings, does not work	IOJ- 1716880	
2	Import	Defect in ILMT import can result in no installation records for some machines	IOJ- 1728890	
2	Import	Performance when calculating Virtual Machine configuration relationships needs to improve	IOJ- 1753828	
2	Inventory	VMWare inventory should collect ESXi host IP	IOJ- 1660808	
2	Inventory	Usage reporting is inaccurate for machines that are suspended for days - for example, a weekend	IOJ- 1719198	
2	Inventory	Issues parsing listener.ora by ndtrack causes incorrect listener names to be discovered during local Oracle discovery. Refer to KB 000020621	IOJ- 1754713	
2	Inventory	Zero Touch inventory may leave a SSH session open on AIX devices	IOJ- 1728352	
2	Inventory	Oracle DB Inventory fails if any of the discovered services include +ASM in the name	IOJ- 1730590	

2	Inventory Beacon	BeaconPolicy generation is re-setting disabled subnets to enabled despite have been disabled	IOJ- 1719365	
2	Inventory Beacon, WebUI	Unable to clear beacon alerts via web UI	IOJ- 1732658	
2	Operators, rights and roles	The 'Locations' and 'Cost Centers' pages may not display any data, despite the operator having the appropriate enterprise group access right.	IOJ- 1718831	
2	Purchases	A 'Nothing to decrypt' error may be encountered in EntitlementAutomation, when the MaintenanceDefinition contains a NULL value	IOJ- 1720229	
2	Purchases	A "An item with the same key has already been added" error may be encountered when creating a Purchase with custom properties	IOJ- 1726760	
2	Reports	The number of returned results from a custom report changes with consecutive runs	IOJ- 1727573	
2	Resolvers and Importers	An invalid character error is displayed when performing an AD import when the First or Last name of a User account contains a control character	IOJ- 1662070	
2	Software Assets	Simplify FNMS access rights	IOJ- 1741136	
2	Software Assets	The All Licenses page incorrectly shows Used Count for Oracle Processor when subcapacity is applied	IOJ- 1719702	
2		NDTrack - Oracle Inventory May Return Zero Users	IOJ- 1925375	
2		Active Directory import may fail if group was created while A.D data collection was in progress	IOJ- 1850056	
2		Inventory resolver merge devices with same name	IOJ- 1833214	1: Use the computer domain registry key to keep both devices in separate domains. 2: Machine IDs can be used to override the actual host name on one of the devices. This is not recommended for servers running Oracle.
3	Beacon engine	A rule with "As soon as possible" setting, the 'Next scheduled run' time is displayed in UTC time.	IOJ- 1722569	
3	Beacon UI	Beacon Scheduling Does Not Respect Daylight Savings Time Changes	IOJ- 1817061	
3	Business Adapter	Business Importer import will fail with 'sql data type conversion error' for field 'termandconditiontype', when data only contains numeric values.	IOJ- 1737702	
3	Business Adapter Studio	Business Adapter Studio may replace .csv file name with complex query text	IOJ- 1757306	
3	Import	Licenses subject to true up should never be shown in breach	IOJ- 1715217	
3	Purchases	Not able to identify candidate licenses for purchases correctly based on an unknown SKU	IOJ- 1996760	

3	Purchases	Purchases processed manually from Unprocessed Purchases use a hardcoded 12 months expiry date rather than the date from the linked contract	IOJ- 1700887	
3	Software Assets	Unexpected Error while creating a license with long license name.	IOJ- 1887943	
3	WebUI	Fields are missing for "IBM UVU" licensing type on identification tab (Licensing Properties).	IOJ- 1712400	
3	WebUI infrastructure	Cannot configure FNMPDataWarehouse DB connection details from the user interface	IOJ- 1735868	To update the connection details use the queries - this is for single tenant on- premises install.  To update both the DB server and the DB name: update ComplianceConnection set Server = ' <servername>', DatabaseName='<dbname>' where SourceType='FNMPDataWarehouse' or To only update the DB sever name: update ComplianceConnection set Server = '<servername>' where SourceType='FNMPDataWarehouse' or To only update the DB name: update ComplianceConnection set DatabaseName='<dbname>' where SourceType='FNMPDataWarehouse'  Also in one more location in the registry needs to be updated in the location "HKLM\Software\Wow6432\node\Managesoft Corp\Managesoft\Reporter\CurrentVersion" and update the connection string in the registry key "FNMPDWDatabaseConnectionString"  You must also update the references in the Cognos. This could be edited through Cognos administration, that is a web admin in Cognos Connection /Administration).</dbname></servername></dbname></servername>
3	Database	Performance issue when saving applications caused by calculation of application alerts	IOJ- 1928571	
3		The inventory date of remote devices is never updated	IOJ- 1987574	
3		Customers and Oracle need consistent exclusions of Oracle user accounts	IOJ- 1867392	