

NetIQ iManager 3.0 Release Notes

January 2016



NetIQ iManager 3.0 includes new features and resolves several previous issues. Many of these improvements were made in direct response to suggestions from our customers. We thank you for your time and valuable input. We hope you continue to help us ensure our products meet all your needs. You can post feedback in the iManager Community Support Forums, our community Web site that also includes product notifications, blogs, and product user groups.

For a full list of all issues resolved in NetIQ iManager 3.x, including all patches and service packs, refer to [TID 7016795, "History of Issues Resolved in NetIQ iManager 3.x"](#).

For more information about this release and for the latest release notes, see the [iManager Documentation](#) Web site. To download this product, see the [NetIQ Downloads](#) Web site.

- ◆ [Section 1, "What's New," on page 1](#)
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1 What's New

iManager 3.0 provides the following key features, enhancements, and fixes in this release:

- ◆ [Section 1.1, "New Features," on page 1](#)
- ◆ [Section 1.2, "System Requirements," on page 2](#)
- ◆ [Section 1.3, "No Support for NAT," on page 2](#)
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1.1 New Features

This release introduces the following new features:

1.1.1 64-Bit Support

In this release, iManager ships with 64-bit support.

1.1.2 Support for Managing Multiple eDirectory Trees

In past, iManager allowed you to manage only one eDirectory tree at a time, which limited you to view and manage multiple trees.

iManager 3.0 provides an easy way to manage multiple eDirectory trees from a single interface. The interface allows you to select the tree that you want to manage and also switch among the trees you are currently logged into. For more information, see “[Managing Multiple eDirectory Connections](#)” in the *NetIQ iManager Administration Guide*.

1.1.3 New Plug-In for Managing Enhanced Background Authentication

This release introduces a new plug-in for managing different aspects of the Enhanced Background Authentication feature introduced in eDirectory 9.0. For more information, see [Managing Enhanced Background Authentication Using iManager \(https://www.netiq.com/documentation/edirectory-9/crtadmin/data/b1gk96gk.html\)](https://www.netiq.com/documentation/edirectory-9/crtadmin/data/b1gk96gk.html).

1.1.4 Updates for Dependent Components

In this release, the Java version has been updated to 1.8.0_66.

1.2 System Requirements

For information about prerequisites, computer requirements, installation, upgrade or migration, see [Planning to Install iManager](#) in the *NetIQ iManager Installation Guide*.

IMPORTANT: iManager 3.0 is not yet supported with Identity Manager 4.5.x and Open Enterprise Server (OES) platforms.

1.3 No Support for NAT

iManager managing eDirectory servers is not supported with NAT network address translation.

1.4 Fixed Issues

This release includes software fixes for the following components:

1.4.1 EULA Has Inconsistent Font Size In Linux and Windows Installation Wizard

Issue: English EULA (End User License Agreement) displays inconsistent font size in both Linux and Windows installation wizards.

Fix: iManager 3.0 displays consistent font size in the English EULA.

1.4.2 iManager Does Not Display Tree View Objects On Windows

Issue: iManager is unable to populate the tree view objects when accessed from IE (Internet Explorer) 11 on Windows 2012.

Fix: This release updates iManager to populate the tree view objects on IE 11.

2 Installing or Upgrading

Log in to the [NetIQ Downloads](#) page and follow the link that allows you to download the software. The following files are available:

Table 1 Files Available for iManager 3.0

Filename	Description
iMan_300_linux_x86_64.tgz	Contains the iManager tar file for Linux platforms.
iManagerInstall.exe	Contains the iManager exe for Windows platforms.
eDir_IMANPlugins.npm	Contains the iManager plug-in npm. Install the NPM as directed in the NetIQ iManager Installation Guide .

3 Supported Upgrade Paths

To upgrade to iManager 3.0, you need to be either on iManager 2.7.7.0 or higher.

For more information on upgrading to iManager 3.0, see the [iManager Installation Guide](#).

4 Known Issues

NetIQ Corporation strives to ensure our products provide quality solutions for your enterprise software needs. The following issues are currently being researched. If you need further assistance with any issue, contact [Technical Support \(http://www.netiq.com/support\)](http://www.netiq.com/support).

- ◆ [Section 4.1, “Identity Manager Plug-in Returns Java Script Error,” on page 4](#)
- ◆ [Section 4.2, “Tomcat Service Does Not Start After Upgrade,” on page 4](#)
- ◆ [Section 4.3, “Cannot Start iManager Workstation on an openSUSE Computer,” on page 4](#)
- ◆ [Section 4.4, “IPv6 Issues,” on page 5](#)
- ◆ [Section 4.5, “Tree View Issues,” on page 6](#)
- ◆ [Section 4.6, “iManager Does Not Support the Metro User Interface View in Internet Explorer 10 on Windows 7 and 8 Platforms,” on page 6](#)
- ◆ [Section 4.7, “File Not Found Error on RHEL 5.8 Platforms,” on page 6](#)
- ◆ [Section 4.8, “Unsupported Platform Error on RHEL 6.5 and RHEL 5.10 Platforms,” on page 6](#)
- ◆ [Section 4.9, “iManager Dependency on Novell Client with NMAS Support,” on page 6](#)
- ◆ [Section 4.10, “Newly Added Members to a Dynamic Group Are Not Displayed in the Corresponding Fields,” on page 7](#)
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- ◆ [Section 4.13, “Base Content is Displayed After Upgrading to iManager 3.0 on Windows,” on page 8](#)
- ◆ [Section 4.14, “iManager Login Fails if NICI 2.7.6 is Installed On Windows Workstation,” on page 8](#)

- ♦ [Section 4.15, “Plug-ins Selected from Local Disk are Not Listed in the Installation Summary,” on page 8](#)
- ♦ [Section 4.16, “Identity Manager Plug-in Does Not Work in iManager 3.0,” on page 8](#)
- ♦ [Section 4.17, “Some Plug-ins Are Not Listed in the Available NetIQ Plug-in Modules Page,” on page 9](#)
- ♦ [Section 4.18, “iManager Does Not Send Audit Events,” on page 9](#)
- ♦ [Section 4.19, “Unsupported Browsers for the Suite B Operation With the ECDSA 384 Cipher 192 Option,” on page 9](#)
- ♦ [Section 4.20, “Login to iManager Fails on Windows 7 Platform,” on page 9](#)
- ♦ [Section 4.21, “View Objects Page Is Not Loaded,” on page 10](#)
- ♦ [Section 4.22, “Logging Into the Same eDirectory Server Using Tree Name and Server IP,” on page 10](#)
- ♦ [Section 4.23, “Performing Operations in the Certificate Server Plug-In Displays Error Messages,” on page 10](#)
- ♦ [Section 4.24, “Installing iManager and PKI Plug-In Displays Error Messages on SLES 12 Platform,” on page 10](#)
- ♦ [Section 4.25, “Error Displayed While Modifying a Group Using the Select Multiple Objects Option,” on page 10](#)
- ♦ [Section 4.26, “iManager Does Not Display the List of Partitions on Windows Platforms,” on page 10](#)
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- ♦ [Section 4.29, “Exception When Tomcat Service Is Restarted,” on page 11](#)
- ♦ [Section 4.30, “Symbolic Links Broken for Novell Idapsdk Libraries On Linux,” on page 11](#)
- ♦ [Section 4.31, “Upgrading from iManager 2.7.7 to 3.0 Does Not Uninstall Identity Manager 4.5.x and OES Plug-ins,” on page 11](#)

4.1 Identity Manager Plug-in Returns Java Script Error

After upgrading to iManager 3.0, when you use the Identity Manager plug-in to manage your driver sets or drivers, you receive a Javascript warning. If you navigate to another location, such as View Objects, you immediately return to the login screen.

This issue occurs when your browser caches iManager information that does not have the necessary tokens. To resolve this issue, clear your browser cache, and then log back in to iManager. (816973)

4.2 Tomcat Service Does Not Start After Upgrade

After upgrading to iManager 3.0 on a Windows Server 2012 computer, the Tomcat service might not restart automatically. You must manually restart the service.

4.3 Cannot Start iManager Workstation on an openSUSE Computer

To run iManager Workstation on a computer running version 12.2 or 12.3 of the OpenSUSE operating system, ensure the following OpenSUSE packages are installed:

- ♦ libgtk-2_0-0-32bit

- ♦ libXt6-32bit
- ♦ libgthread-2_0-0-32bit
- ♦ libXtst6-32bit

4.4 IPv6 Issues

The following IPv6-related issues are present in iManager 2.7.7:

- ♦ [Section 4.4.1, “Symantec Network Threat Protection Conflicts with IPv6,” on page 5](#)
- ♦ [Section 4.4.2, “Supported Version of Firefox for IPv6,” on page 5](#)
- ♦ [Section 4.4.3, “Import Convert Export Wizard Does Not Work for IPv6 Addresses,” on page 5](#)

4.4.1 Symantec Network Threat Protection Conflicts with IPv6

Symantec Network Threat Protection conflicts with IPv6 addresses. To use IPv6 addresses in iManager 3.0, you must disable Network Threat Protection.

4.4.2 Supported Version of Firefox for IPv6

To use IPv6 addresses in iManager 3.0, use the Firefox 32 browser.

4.4.3 Import Convert Export Wizard Does Not Work for IPv6 Addresses

If your iManager installation uses IPv4 addresses, and you use the Import Convert Export Wizard to connect to an eDirectory installation that uses IPv6 addresses, the wizard fails to connect and displays the following error:

Unable to connect to the requested server. Verify the name/address and port.

To configure iManager to handle IPv6 addresses, complete the following steps:

- 1 Open the `catalina.properties` file, and comment out the following lines:

```
java.net.preferIPv4Stack=false
java.net.preferIPv4Addresses=true
```

NOTE: The `java.net.preferIPv4Stack` property applies to communication between iManager and eDirectory. The `java.net.preferIPv4Addresses` property applies to communication between browsers and iManager.

- 2 Restart Tomcat.
- 3 In iManager, click **Roles and Tasks**.
- 4 Click **LDAP > LDAP Options**, and then select the View LDAP Servers tab.
- 5 Select the LDAP server you want to configure and click the Connections tab.
- 6 Under **LDAP Server**, add LDAP interfaces for the IPv6-format addresses, including the port numbers, as follows:

```
ldap://[xx:xx]:389
ldaps://[xx:xx]:636
```

- 7 Click **OK**.
- 8 Configure the Role-Based Services, then log out from the session and log in again.

4.5 Tree View Issues

The following issues in the **Tree** tab of the Object View are present in iManager 2.7.7:

- ♦ [Section 4.5.1, “Tree View Does Not Save State Information,” on page 6](#)
- ♦ [Section 4.5.2, “Operations under View Objects Do Not Function Properly in Internet Explorer 10 Default Mode,” on page 6](#)

4.5.1 Tree View Does Not Save State Information

The Tree view does not save its state, including the current position within the tree, when you switch between the Tree view and the **Browse/Search** tabs.

4.5.2 Operations under View Objects Do Not Function Properly in Internet Explorer 10 Default Mode

When you click **View objects**, you cannot perform any pop-up related operations in **Tree view**, **Browse**, and **Search** tabs.

To workaroud this issue, launch Internet Explorer 10 in compatibility mode.

4.6 iManager Does Not Support the Metro User Interface View in Internet Explorer 10 on Windows 7 and 8 Platforms

iManager 3.0 does not support metro user interface view for Internet Explorer 10.0 in Windows 7.0 and 8.0 versions.

4.7 File Not Found Error on RHEL 5.8 Platforms

While installing the latest eDirectory plug-in on RHEL 5.8 (64-bit), iManager returns the following exception message:

```
File not found exception message
```

To workaroud this issue, restart Tomcat.

4.8 Unsupported Platform Error on RHEL 6.5 and RHEL 5.10 Platforms

While installing iManager 3.0 on RHEL Server release 6.5 and RHEL Server release version 5.10, the installer displays a warning message stating that the platform is unsupported.

To workaroud this issue, include RedHat Enterprise Linux Server release 6.5 and RedHat Enterprise Linux Server release 5.10 in the `platforms.xml` file. For more information about installing iManager on unsupported platforms, see *Installing iManager on Unsupported Platforms* in the [NetIQ iManager Installation Guide](#).

4.9 iManager Dependency on Novell Client with NMAS Support

iManager requires NMAS support to be installed on the Windows system on which iManager is installed. It does not require the Novell Client. If you are going to use the Novell Client, iManager requires a version with NMAS support.

4.10 Newly Added Members to a Dynamic Group Are Not Displayed in the Corresponding Fields

When you access iManager by using an IPv6 address and then add new members to a dynamic group, the members are not displayed in the **Included Members** and **All Members** fields.

To work around this issue, you can configure LDAP by using iManager or the eDirectory command prompt.

4.10.1 Configuring LDAP by Using iManager

To configure LDAP by using iManager, complete the following steps:

- 1 Install eDirectory 9.0.
- 2 In iManager, go to **Roles and Tasks** list, and then click **LDAP > LDAP options**.
- 3 Click the **View LDAP Servers** tab, then select the appropriate server.
- 4 On the LDAP Server page, click the **Connections** tab, add a new LDAP server (for example, `ldaps: [ipv6_address]:LDAP_SSL_PORT`) in the **LDAP Interfaces** field, then click **OK**.
- 5 Click **Apply**, then click **OK**.

4.10.2 Configuring LDAP Using the eDirectory Command Prompt

To determine whether LDAP is configured for IPv6, enter the `ldapconfig get` command in the eDirectory command prompt. The following values are listed in the result if LDAP is configured:

```
ldapInterfaces: ldaps://[ipv6_address]:LDAP_SSL_PORT
```

```
Require TLS for Simple Binds with Password: yes
```

If LDAP is not configured, enter the following command to configure it:

```
ldapconfig set "ldapInterfaces= ldaps://[ipv6_address]:LDAP_SSL_PORT"
```

4.11 Groups Plug-in Does Not Handle Unspecified Addresses in ldapInterfaces

The Groups plug-in reports an error if there are unspecified addresses in the `ldapInterfaces` attribute of the LDAP server.

During installation or configuration, eDirectory automatically configures the LDAP server to listen on all available interfaces by adding `ldap://:389` and `ldaps://:636` to the `ldapInterfaces` attribute. The plug-in interprets these values incorrectly and tries to connect to the LDAPS port on the iManager server computer. The connection fails, and the Groups plug-in displays the following error messages:

```
Unable to obtain a valid LDAP context.
```

```
Creating secure SSL LDAP context failed:  
localhost:636
```

To work around this issue, remove unspecified addresses and add specific IP addresses to `ldapInterfaces`.

4.12 Novell Logo Appears in the iManager Login Page After Upgrading to NetIQ iManager 3.0

Novell logo appears in the iManager Login page after upgrading it from previous versions to iManager 3.0.

To workaroud this issue, clear the browser cache and relaunch iManager.

4.13 Base Content is Displayed After Upgrading to iManager 3.0 on Windows

When iManager 2.7.6 is upgraded to iManager 3.0, iManager Base Content is displayed in the **Available NetIQ Plug-in Modules** list. Though it appears in the list of available plug-ins, the Base Content is installed during the upgrade process.

It is safe to ignore it and continue working on iManager because it does not affect the iManager functionality in any way. However, if you do not want the Base Content to display in the list, select **iManager Base Content**, click **Install**, and then restart Tomcat.

4.14 iManager Login Fails if NCI 2.7.6 is Installed On Windows Workstation

iManager 3.0 fails to login and displays the following error message, if you have installed NCI 2.7.6:

```
Unable to create AdminNamespace.java.lang.NoClassDefFoundError: Could not initialize class novell.jclient.JClient
```

To workaroud this issue, remove NCI 2.7.6 using the **Add or Remove Programs** option in **Control Panel** and then install NCI 2.7.7, which is available in the iManager 3.0 build.

4.15 Plug-ins Selected from Local Disk are Not Listed in the Installation Summary

While installing iManager 3.0 plug-ins, the ones selected from the local disk are not listed in the Installation Summary page, whereas the plug-ins selected from the NetIQ download page are listed.

However, the plug-ins selected from the local disk are installed even though they are not listed in the Installation Summary page.

4.16 Identity Manager Plug-in Does Not Work in iManager 3.0

The Identity Manager plug-in does not work in iManager 3.0 if you have selected both Identity Manager plug-in and SecretStore plug-in options during iManager installation.

To workaroud this issue, select only Identity Manager plug-in during iManager installation. Alternatively, use the iManager UI to install the Identity Manager plug-in and then separately install the SecretStore plug-in.

4.17 Some Plug-ins Are Not Listed in the Available NetIQ Plug-in Modules Page

In the standalone iManager 3.0 release, the following plug-ins are not listed in the [Available NetIQ Plug-in Modules](#) page:

- ◆ DNS Management
- ◆ DNSDHCP
- ◆ FTP
- ◆ Novell iFolder 3
- ◆ iPrint Linux Management Plug-in
- ◆ iPrint Management Plugin for Netware
- ◆ LinuxUserManagement Module
- ◆ DHCP Management for NetWare
- ◆ NetStorage Management
- ◆ DHCP OES Linux
- ◆ QuickFinder Server Management
- ◆ SMS Module

This is because the fix provided for preventing Cross-Site Request Forgery (CSRF) attack breaks these plug-ins.

4.18 iManager Does Not Send Audit Events

After installing iManager 3.0 the configuration file changes and this stops iManager from sending the audit events.

To workaroud this issue do the following steps:

- 1 Install iManager 3.0.
- 2 From `/var/opt/novell/iManager/nps/WEB-INF/manager_logging.xml` file, uncomment the following line: `<appender-ref ref="NAUDIT_APPENDER"/>`
- 3 Restart Tomcat.

4.19 Unsupported Browsers for the Suite B Operation With the ECDSA 384 Cipher 192 Option

The Google Chrome and Mozilla Firefox browsers do not support you to run Suite B with the ECDSA 384 Cipher 192 option. This issue is not reported on other supported browsers. (Bug 933037)

To use this option with Suite B, use the Microsoft Internet Explorer browser.

4.20 Login to iManager Fails on Windows 7 Platform

Do not upgrade to iManager 3.0 or install a new version of iManager on the same computer that has other Novell products installed that do not support eDirectory 9.0, NCI 3.0, or iManager 3.0.

There is no workaroud at this time.

4.21 View Objects Page Is Not Loaded

iManager fails to load the View Objects page if eDirectory has 1 million objects. The page looks in a loading state when accessed from the iManager.

There is no workaround at this time.

4.22 Logging Into the Same eDirectory Server Using Tree Name and Server IP

If you logged in to a server using the server IP, iManager allows you to relogin to this server using the tree name of the server. This issue occurs when you specify the tree name in lowercase. This occurs under the **Manage Connections** feature.

There is no workaround at this time.

4.23 Performing Operations in the Certificate Server Plug-In Displays Error Messages

While using the Certificate Server plug-in, iManager logs an error message in the catalina.out file.

```
CertInfo.....-1 javax.naming.ldap.LdapName cannot be cast to  
com.sun.jndi.ldap.LdapName
```

Remove the error message from the catalina.out file before using the Certificate Server plug-in.

4.24 Installing iManager and PKI Plug-In Displays Error Messages on SLES 12 Platform

When you log in to eDirectory 9.0 after installing iManager 3.0 and the new PKI plug-in and restart the Tomcat server, iManager displays the following error message:

```
InfoFactory.....484 For input string: "default"
```

There is no workaround at this time.

4.25 Error Displayed While Modifying a Group Using the Select Multiple Objects Option

iManager displays an error if you select the Members and Security tabs after modifying a group using the Select Multiple Objects option.

To workaround this issue, select each dynamic group and modify individually.

4.26 iManager Does Not Display the List of Partitions on Windows Platforms

iManager does not display the list of partitions under the Roles and Tasks > Partitions and Replicas > Replica View.

There is no workaround at this time.

4.27 Audit Event Displays Incorrect Message for Failed Plug-in Upload

When a plug-in fails to upload from iManager, the audit event logged to the Sentinel server displays incorrect status message about the plug-in. However, iManager displays the appropriate warning message indicating that the plug-in has failed to upload.

There is no workaround at this time.

4.28 Launching iManager Workstation on Windows Prompts Error Message

iManager workstation displays the following error message when the product is launched on Windows:

```
Your NetIQ iManager 3.0.0 profile cannot be loaded. It may be missing or inaccessible
```

To workaround this issue, close the warning message and continue with launching iManager workstation.

4.29 Exception When Tomcat Service Is Restarted

After starting the Tomcat Service, iManager displays a Java exception error message.

There is no workaround at this time.

4.30 Symbolic Links Broken for Novell Idapsdk Libraries On Linux

After installing iManager 3.0 and uploading the latest plug-ins, the following symbolic links are broken under `/var/opt/novell/iManager/nps/WEB-INF/bin/linux/`.

```
libldapsdk.so  
libldapsdk.so.0  
libldapssl.so  
libldapssl.so.0  
libldapx.so  
libldapx.so.0
```

It is safe to ignore the broken links. They do not affect the performance of iManager.

4.31 Upgrading from iManager 2.7.7 to 3.0 Does Not Uninstall Identity Manager 4.5.x and OES Plug-ins

The upgrade process does not uninstall Identity Manager 4.5.x and OES plug-ins.

iManager 3.0 is not yet supported with these plug-ins. Therefore, manually uninstall the plug-ins.

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