

NetIQ Identity Manager 4.6 Service Pack 2 Release Notes

March 2018



NetIQ Identity Manager 4.6 Service Pack 2 provides new features, improves usability, 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 that our products meet all your needs. You can post feedback in the [Identity Manager Community Forums](#) on NetIQ Communities, our online community that also includes product information, blogs, and links to helpful resources.

The documentation for this product and the latest release notes are available on the NetIQ Web site on a page that does not require you to log in. If you have suggestions for documentation improvements, click **comment on this topic** at the bottom of any page in the HTML version of the documentation posted at the [Identity Manager Documentation Web site](#).

- ♦ [Section 1, "What's New?," on page 1](#)
- ♦ [Section 2, "System Requirements," on page 7](#)
- ♦ [Section 3, "Upgrading to this Service Pack," on page 8](#)
- ♦ [Section 4, "Installing Identity Manager 4.6 on Windows Server 2016," on page 13](#)
- ♦ [Section 5, "Known Issues," on page 14](#)
- ♦ [Section 6, "Contact Information," on page 17](#)
- ♦ [Section 7, "Legal Notice," on page 17](#)

1 What's New?

Identity Manager 4.6.2 provides the following key features, enhancements, and fixes in this release:

- ♦ [Section 1.1, "New Features," on page 1](#)
- ♦ [Section 1.2, "Component Updates," on page 2](#)
- ♦ [Section 1.3, "Support for Java 1.8 Update 152," on page 2](#)
- ♦ [Section 1.4, "Support for Apache Tomcat 8.5.23," on page 3](#)
- ♦ [Section 1.5, "Support for One SSO Provider 6.1.6 or Later," on page 3](#)
- ♦ [Section 1.6, "What's To Be Deprecated?," on page 3](#)
- ♦ [Section 1.7, "Software Fixes," on page 3](#)

1.1 New Features

This release introduces the following features:

- ♦ [Section 1.1.1, "Platform Support," on page 2](#)
- ♦ [Section 1.1.2, "Support for Designer and Designer \(LDAP\) Versions," on page 2](#)

1.1.1 Platform Support

In addition to the existing operating systems, this service pack adds support to Windows Server 2016.

To install and configure the supported Identity Manager components on Windows Server 2016, you must upgrade your current version of Identity Manager to 4.6 SP2. However, this restriction does not apply to Remote Loader. You can install Remote Loader 4.6 on this platform.

To install Identity Manager 4.6 components on Windows Server 2016, see [Section 4, “Installing Identity Manager 4.6 on Windows Server 2016,” on page 13](#).

1.1.2 Support for Designer and Designer (LDAP) Versions

This service pack continues to support both Designer and Designer (LDAP). NetIQ strongly recommends you to use Designer (LDAP). Designer 4.6 will be deprecated in the future.

To upgrade to Designer (LDAP) 4.6.2, first install Designer (LDAP) 4.6 and apply this service pack on the installed package. For more information, see [Upgrading Designer](#).

1.2 Component Updates

This service pack provides updates for the following components in Identity Manager:

- ♦ Identity Manager engine
- ♦ Identity applications
- ♦ Designer for Identity Manager
- ♦ Designer (LDAP) for Identity Manager
- ♦ NetIQ Self Service Password Reset (SSPR)
- ♦ NetIQ One SSO Provider (OSP)

1.3 Support for Java 1.8 Update 152

This service pack updates the following components to support Java Development Kit 8 Update 152 (jdk8u152) or Java Runtime Environment 1.8 Update 152 (jre8u152).

- ♦ Identity Manager engine
- ♦ Identity applications, running on Apache Tomcat
- ♦ Identity Reporting, running on Apache Tomcat
- ♦ Designer
- ♦ Designer (LDAP)
- ♦ Analyzer (32-bit Java only)

This service pack updates the Java version for the Identity Manager engine.

NOTE: You can download Java 1.8 Update 152 directly from the [Oracle Site](#).

The method of updating Java for the identity applications depends on whether you choose to update this component using the Identity Applications update utility packaged with this service pack or manually. The update utility automatically updates your current Java version. However, you need to update the Java version in the manual update process.

You need to manually update your current Java version for Identity Reporting, Designer, and Analyzer. For more information, see [Section 3.4, “Installing Java 1.8 Update 152,” on page 10](#).

1.4 Support for Apache Tomcat 8.5.23

This service pack requires Apache Tomcat 8.5.23. For updating your current version of Tomcat, ensure you are updating the identity applications by using the Identity Applications Update utility packaged in the [IDM46-Apps-SP-2.zip](#) file, the utility automatically updates Tomcat.

1.5 Support for One SSO Provider 6.1.6 or Later

This service pack requires NetIQ One SSO Provider 6.1.6 at a minimum.

1.6 What’s To Be Deprecated?

Support for the following operating systems will be deprecated from Identity Manager 4.7:

- ♦ Red Hat Enterprise Linux 6
- ♦ SUSE Linux Enterprise Server 11
- ♦ Microsoft Windows 2008
- ♦ Open Enterprise Server 11

NetIQ remains committed to support the current versions of Identity Manager on these platforms throughout the end of their support lifecycles.

1.7 Software Fixes

- ♦ [Section 1.7.1, “Identity Manager Engine and Driver Plug-ins,” on page 3](#)
- ♦ [Section 1.7.2, “Identity Applications,” on page 4](#)
- ♦ [Section 1.7.3, “Designer and Designer \(LDAP\) for Identity Manager,” on page 6](#)

1.7.1 Identity Manager Engine and Driver Plug-ins

NetIQ Identity Manager includes software fixes that resolve several previous issues in the Identity Manager engine and plug-ins.

1.7.1.1 Can Successfully Start a Driver as a Service on Japanese Windows 7

You can now edit or start a stopped driver on a Japanese Windows 7 operating system. (Bug 1053888)

1.7.1.2 Correct Password Expiration Notification With LDAP 636 and NTLS Type Connections on Japanese Locale

When using LDAP 636 and NTLS type (SSL CertificateDNS) connections on Japanese locales, Identity Manager displays correct password expiration notification. (Bug 1044295)

1.7.1.3 No Error Reported During Cached Priority Synchronization of Referential Attributes

When you set a referential attribute for priority synchronization and if the referenced object is not available, the driver no longer reports an error. (Bug 953206)

1.7.1.4 Editing a Timestamp Does Not Change its Value

A timestamp that was initially reported as a signed integer is correctly displayed as a signed integer after editing it. (Bug 1046121)

1.7.1.5 Driver Status Log is Correctly Displayed

Identity Manager does not report any error when you view the driver status log. (Bug 1026451)

1.7.1.6 No Event Loopback When a Reciprocal Attribute is Written

This service pack resolves an issue where an event loops back when a Reciprocal attribute is written to the Identity Vault. (Bug 1024370)

1.7.1.7 No Error While Uninstalling Password Management Plug-Ins from iManager

The Password Management plug-ins are correctly uninstalled from iManager without errors. (Bug 1021537)

1.7.1.8 Identity Manager Plug-Ins No Longer Duplicate GCVs in Active Directory Driver Password Synchronization

While synchronizing passwords, Identity Manager plug-ins no longer duplicate GCVs in the Active Directory driver. (Bug 997118)

1.7.1.9 Patch Installer Suggests Installed Remote Loader Path

The patch installer recognizes the version of the Remote Loader and also suggests the installation paths that it finds in the file system. (Bug 1048204)

1.7.2 Identity Applications

NetIQ Identity Manager includes software fixes that resolve several previous issues in the identity applications.

1.7.2.1 Carriage Returns Are Successfully Passed Through the Flow Data Functions

Carriage returns are no longer stripped from the flow data functions when the data items are evaluated by the identity applications. (Bug 1065342)

1.7.2.2 Print Preview Pop-Up Window Correctly Displays the Populated Fields

The Print Preview pop-up window in the workflow request form no longer displays empty fields. (Bug 1040560)

1.7.2.3 ECMAScript Execution by an Onload Event Made Consistent with Identity Applications 4.5

This service pack enhances identity applications to execute ECMAScripts similar to version 4.5. (Bug 1050604)

1.7.2.4 Using Global Query on Attributes with Text Separated by Colons Returns Correct Result

The global query does not return the desired response if a workflow has text separated with colons. (Bug 1062273)

1.7.2.5 SQL File for Database Contains Column Definition

When you select SQL File for Database option during identity applications installation, the file contains column definition. (Bug 1058676)

1.7.2.6 Dashboard Correctly Sets User Preferences for Task List

The identity applications are enhanced to preserve a page preference in the dashboard. (Bug 1038727)

1.7.2.7 Correct Status Message When a Failed Resource is Removed

Identity Manager Dashboard displays correct status of a failed resource removal operation. (Bug 1063784)

1.7.2.8 Search Option within Entitlement Values Returns Correct Values

The search option within the entitlement values no longer lists different values for a new request in Identity Manager Dashboard. (Bug 1057739)

1.7.2.9 Non-administrator Users Can View Custom Permission Item

Identity Manager Dashboard removes the need for public trustee rights for a non-administrator user to view custom permission items in the Applications page of Identity Manager Dashboard. (Bug 1061542)

1.7.2.10 Identity Manager Dashboard Correctly Handles OSP Timeout When a PRD Is Invoked

When invoking a PRD, Identity Manager Dashboard no longer displays blank pages and errors on OSP timeout. (Bug 1039651)

1.7.2.11 Featured Items Are Properly Loaded When Permission Index Is Not Created

You no longer need to remove the Permission Index directory when featured items are not loaded. The identity applications have been enhanced to remove the dependency of loading the featured items from the availability of permission index. (Bug 1037189)

1.7.2.12 Displaying the Correct Resource Name Override Property

Edits made to the resource name override property are displayed correctly in Identity Manager Dashboard. (Bug 1050828)

1.7.2.13 Workflow Pre-activity Runs Correctly When Invoked from Identity Manager Dashboard

A workflow pre-activity now executes correctly without duplication from Identity Manager Dashboard. (Bug 1042046)

1.7.2.14 Support for Adding Additional Redirect URIs in OSP Configuration

The OSP configuration now supports adding additional redirect URIs. This enhancement resolves the NetIQ Access Manager Gateway rewrite issue. (Bug 1050413)

1.7.2.15 Selecting a Line in Picklist Works Properly on Internet Explorer 11 on Windows

When you try to select one line in the picklist in Internet Explorer 11, multiple lines are no longer selected. (Bug 1036468)

1.7.2.16 Non-administrator Users Can View Custom Permission Items in the Applications Page

Non-administrator users with trustee rights can successfully view the custom permission items in the Applications page of Identity Manager Dashboard. (Bug 1026444)

1.7.2.17 Improved Task Page Performance

The task page performance is improved when you set the page size preference to 100. (Bug 1060008)

1.7.3 Designer and Designer (LDAP) for Identity Manager

NetIQ Identity Manager includes software fixes that resolve several previous issues in Designer and Designer (LDAP).

1.7.3.1 Correct Reconciling of Driverset Differences in the Linked GCV Resources while Updating the Identity Vault

When comparing driverset configuration, the differences in the linked GCV resources are correctly updated in the Identity Vault. (Bug 1050233)

1.7.3.2 Role Operations Are Seamlessly Reconciled in Designer (LDAP)

The Identity Vault added a new CN=System object for a role under the IT Roles container every time role-related information was reconciled with the Identity Vault. This issue is fixed now. (Bug 1040796)

1.7.3.3 Object DN Correctly Displays Tree Component in Designer (LDAP)

While editing a policy object in Designer (LDAP), the DN of the policy is correctly displayed in LDAP format along with the tree component. (Bug 1053180)

1.7.3.4 Attributes Are Correctly Created and Deployed Using Designer (LDAP)

Designer (LDAP) sets a correct OID for attributes that are created without specifying an ANS1 ID. These attributes are correctly deployed to the Identity Vault. (Bug 1052245)

1.7.3.5 Component Names of LDAP DN are Normalized in Compare Summary

When comparing a policy set where the order of a policy has changed, Designer marks the changed policy as changed. However, it no longer marks the DN component names that differ in case between Identity Vault and Designer (LDAP) as changed. (Bug 1049824)

1.7.3.6 No Need of Adding a Trailing Slash in Update URL

Regardless of whether you are making an online or offline Designer update, Designer removes the need of adding a trailing slash in the update URL. (Bug 1058250)

1.7.3.7 Shared Library Objects Are Not Overwritten While Importing from a Configuration File

Importing and exporting to a configuration file operations no longer update the shared library. (Bug 1052918)

1.7.3.8 Correct URL for Downloading Packages in Offline Mode

Designer includes the correct URL to download the packages when working in offline mode. You can now successfully download the packages from the specified URL. (Bug 1026317)

1.7.3.9 Compare and Deploy Operations Display Consistent Results When Driverset Attributes Are Compared with Linked GCV Resources

When comparing a driverset attribute with a linked GCV resource, Designer shows correct GCV linkages and lists the virtual DirXML-GlobalConfig attribute. (Bug 1050220)

1.7.3.10 Successful Downgrading of a Non-base Package Containing Roles and Resources Content to a Non-base package that Does not Contain Application Configuration Content

The Package Manger feature is enhanced to correctly handle downgrading of a non-base package that contains roles and resources to a non-base package containing application configuration content. (Bug 1054961)

1.7.3.11 No Delay in Opening a Policy in Policy Builder

Policy Builder of Designer loads without any delay. (Bug 1050966)

1.7.3.12 Value of XMLData Attribute is Correctly Displayed When PRDs Contain URLs

When PRDs are compared, Designer correctly displays the value of the XMLData attribute. The case sensitivity of URLs in the PRDs no longer causes any issue. (Bug 1043091)

1.7.3.13 Naming a Copied Package Accepts a New Name in Designer and Designer (LDAP)

While copying a package that contain an upgrade settings prompt, the prompt resource is correctly renamed to reflect the new package short name. (Bug 1052262)

1.7.3.14 Argument Builder Takes Proper Input for Mapping Table DN Fields in Designer (LDAP)

Argument Builder of Designer (LDAP) has been enhanced to work properly when you set a mapping table attribute in the Mapping Table DN field. (Bug 1049887)

1.7.3.15 Subsequent Comparison of the User Application Driver Shows Correct Results in Designer (LDAP)

The difference in DN that caused Designer (LDAP) to show incorrect result when a User Application driver was compared has been resolved. When you compare and reconcile the driver again, Designer (LDAP) shows correct status in the compare summary dialog. (Bug 1044479)

1.7.3.16 Successful Import, Compare, and Deploy Operations in Designer (LDAP) and Designer When a Policy has a Space in Policy Name

Designer and Designer (LDAP) successfully import, compare, and deploy a policy if the policy has a space in its name. (Bug 1044592)

1.7.3.17 Designer (LDAP) Can Import and Compare a Driver Containing a Rule With a Slash ("/") Character in the Rule Name

Designer (LDAP) successfully imports and compares a driver from the Identity Vault that has a rule whose name contains a slash. (Bug 1049214)

1.7.3.18 Designer (LDAP) Adds a New Attribute to a Class

Designer (LDAP) can now add new attributes to an auxiliary class without any errors. You can also successfully delete duplicate attributes or classes from the Identity Vault before deploying it. (Bug 1052712)

2 System Requirements

This service pack requires the following product versions:

Requirement	Description
NetIQ Identity Manager 4.6	This includes Identity Manager engine, Identity Applications, Identity Reporting, Sentinel Log Management for Identity Governance and Administration, Designer, and Analyzer
NetIQ eDirectory 9.1	eDirectory 9.1 requires iManager 3.1. Upgrade your iManager to 3.1 to support eDirectory 9.1.

Requirement	Description
NetIQ eDirectory 8.8.8 Patch 9 Hot Fix (HF)2, 8.8.8 Patch 10, or 8.8.8 Patch 10 HF1 or 8.8.8 Patch 11	For considerations about upgrading eDirectory, see the supported upgrade paths from Section 3.1, "Supported Upgraded Paths," on page 9. IMPORTANT: Identity Manager 4.6 with eDirectory 8.8.8.x is not supported on Windows Server 2016.
NetIQ eDirectory 9.0.2 HF2, 9.0.3, 9.0.3 HF1, or 9.0.4	For considerations about upgrading eDirectory, see the supported upgrade paths from Section 3.1, "Supported Upgraded Paths," on page 9. IMPORTANT: NetIQ eDirectory 9.0.4 at a minimum for Windows Server 2016.
NetIQ iManager 3.1	You must install iManager 3.1 to support eDirectory 9.1. Ensure that you update your existing plug-ins to the latest versions for the iManager version you are using. NetIQ recommends you to clear the browser cache soon after upgrading the Identity Manager plug-ins.
NetIQ iManager 2.7.7 Patch 9 at a minimum	You must install iManager 2.7.7 Patch 11 or later to support eDirectory 8.8.8.x. Ensure that you update your existing plug-ins to the latest versions for the iManager version you are using. IMPORTANT: If you are planning to upgrade eDirectory 8.8.x to 9.0.1 or later, ensure that iManager is upgraded to 3.x. iManager 2.7.7.x is not supported on Windows Server 2016. NetIQ recommends you to clear the browser cache soon after upgrading the Identity Manager plug-ins.
NetIQ iManager 3.0.2 at a minimum	You must install iManager 3.x to support eDirectory 9.0.1 or later. Ensure that you update your existing plug-ins to the latest versions for the iManager version you are using. IMPORTANT: NetIQ iManager 3.0.4 or later for Windows Server 2016.
NetIQ Self Service Password Reset 4.2.0.1, at a minimum	
NetIQ One SSO Provider 6.1.6, at a minimum	

For more information about the software requirements, see ["Selecting an Operating System Platform for Identity Manager"](#) in the *NetIQ Identity Manager Setup Guide*.

3 Upgrading to this Service Pack

Review the supported upgrade paths and the order of installation before starting to upgrade your current version.

3.1 Supported Upgraded Paths

You need to be on Identity Manager 4.6 or 4.6.1 to upgrade to Identity Manager 4.6.2. If you are currently on Identity Manager 4.5.6 or a prior version, you must first upgrade to 4.6 and then upgrade to 4.6.2 version.

The upgrade process requires you to upgrade the Identity Manager components in a specific order. NetIQ recommends that you review this information from the release notes for your current version.

Base Version	Upgraded Version
Identity Manager engine, eDirectory, and identity applications	
Identity Manager 4.6/4.6.1 with eDirectory 9.0.2 HF2 or later	Identity Manager 4.6.2 with eDirectory 9.0.4 or later
Identity Manager 4.6 with eDirectory 8.8.8 SP9 HF2	Identity Manager 4.6.1 with eDirectory 8.8.8 SP10 to Identity Manager 4.6.2 with eDirectory 8.8.8 SP11
	Identity Manager 4.6.2 with eDirectory 9.0.4 or later
Remote Loader	
Identity Manager 4.6/4.6.1 with Remote Loader 4.6	Identity Manager 4.6.2 with Remote Loader 4.6.2
Identity Manager Designer	
Designer 4.6/4.6.1	Designer 4.6.2
Designer (LDAP) 4.6/4.6.1/4.6.1.1	Designer (LDAP) 4.6.2
Identity Applications 4.6/4.6.1/4.6.1.1	Identity Applications 4.6.2
Identity Reporting 4.6/4.6.1	Identity Reporting 4.6.2

3.2 Upgrade Order

You must install the components in the following order, depending on your current version:

1. Identity Manager Engine
2. Sentinel Log Management for IGA
3. Remote Loader
4. Designer

NOTE: You can directly upgrade from both NCP and LDAP-based versions of Designer 4.6.

You can perform an auto-update or download the updates from the Designer Auto-Update Site. For more information about updating Designer, see [Section 3.7, “Updating Designer,” on page 12](#).

5. Sentinel Log Management for IGA
6. Identity Applications (for Advanced Edition)
7. Identity Reporting
8. One SSO Provider
9. Self Service Password Reset

Before beginning the installation, review the following considerations to help you plan the installation:

- ♦ This service pack includes the Identity Applications Update utility. This utility automatically updates your currently installed identity applications, Tomcat, and Java version. If you are not using the update utility, you need to manually update each of these components. For more information, see [Section 3.6, “Updating the Identity Applications,” on page 11](#).
- ♦ This service pack updates the Java version to 1.8.0_152 for the Identity Manager engine. You need to manually update your current Java version for Identity Reporting, Designer, and Analyzer. For more information, see [Section 3.4, “Installing Java 1.8 Update 152,” on page 10](#).
- ♦ For Identity Manager Standard Edition, update Java 1.8 Update 152 before installing Identity Reporting.

3.3 Updating the Identity Manager Engine

This service pack includes a [IDM_engine_rl_IDM4.6.2.zip](#) for updating the Identity Manager engine. Install this package on the Identity Manager engine server. For more information, see [“Hotfixing the Identity Manager Engine and Remote Loader”](#) in the *NetIQ Identity Manager Setup Guide*.

3.4 Installing Java 1.8 Update 152

This service pack provides support for Java version 1.8.0_152 for Identity Manager components.

3.4.1 Installing Java 1.8 Update 152 on the Identity Manager Servers

This service pack certifies Java 1.8.0_152 (JDK 8u152 or JRE 8u152) for use with the Identity Manager engine and Identity Applications. The later versions of Java 1.8 are also supported. To install Java 1.8 Update 152, see the readme files from the following download pages:

- ♦ [Identity Manager Engine](#)
- ♦ [Identity Applications](#)

3.4.2 Updating Java 1.8 Update 152 for Designer

This service pack updates Designer to support Java 1.8 Update 152.

- 1 On the server where you installed Designer, download and install the Java 8 Update 152 files in a local directory.
- 2 Open the `Designer.ini` file located in the Designer installation directory.
- 3 Update the Java path in the `Designer.ini` file.

3.4.3 Updating Java 1.8 Update 152 for Analyzer

This service pack updates Analyzer to support Java 1.8 (32-bit).

1. On the server where you installed Analyzer, create a directory for Java 1.8.
For example, `opt/netiq/jdk1.8.0_152`.
2. Download and install the Java 1.8 files in this directory.
3. Open the `Analyzer.ini` file located in the Analyzer installation directory.
4. Update the Java path in the `Analyzer.ini` file.
5. Replace the existing (jre) folder with the Java 1.8 folder in the installation directory.

3.5 Updating Sentinel Log Management for IGA

This service pack includes a [SentinelLogManagementForIGA8.1.tar.gz](#) file for updating the Sentinel Log Management for Identity Governance and Administration (IGA) component. Download this package on the server where Sentinel Log Management for IGA is installed and perform the steps listed in the [readme](#) file.

3.6 Updating the Identity Applications

This service pack includes an update to Identity Applications and the following supporting software:

- ♦ Identity Applications 4.6.2
- ♦ Apache Tomcat 8.5.23
- ♦ Java 1.8 Update 152

You can install the service pack by using the Identity Applications update utility or manually update the components. All the updates are available in the [IDM46-Apps-SP-2.zip](#) file. Download the file to the server where you deployed the identity applications and perform the steps listed in the [readme](#) files. After installing the service pack, perform the following actions:

- ♦ [Section 3.6.1, “Updating PostgreSQL Database,” on page 11](#)
- ♦ [Section 3.6.2, “Updating the Keystore Path in the Configuration Update Utility,” on page 11](#)
- ♦ [Section 3.6.3, “\(Optional\) Configuring Identity Manager Dashboard for Integrating with Micro Focus Identity Governance,” on page 11](#)
- ♦ [Section 3.6.4, “Post Upgrade Steps for Identity Applications,” on page 11](#)

3.6.1 Updating PostgreSQL Database

This service pack requires you to update your existing PostgreSQL database version. For example, if you are running the PostgreSQL database on a SLES 11 SP4 server, upgrade the database to 9.4.14 version. For other supported platforms, upgrade the PostgreSQL database to 9.6.5 version. To update the database, perform the steps listed in the [readme](#) file from the [download page](#).

3.6.2 Updating the Keystore Path in the Configuration Update Utility

To update the path of the keystore in the Configuration Update utility, perform the steps listed in the [readme](#) file from the [download page](#).

3.6.3 (Optional) Configuring Identity Manager Dashboard for Integrating with Micro Focus Identity Governance

To ensure a proper integration between Identity Manager Dashboard and Identity Governance, perform the steps listed in the [readme](#) file from the [download page](#).

3.6.4 Post Upgrade Steps for Identity Applications

(Conditional) This applies only when you perform a silent update of Identity Applications and the `NETIQ_DATABASE_CONFIG_ADMIN` is different of `NETIQ_DATABASE_ADMIN` (for example `idmadmin` and `postgres`). In this case, the schema may not update correctly. If the schema is not updated, run the `liquibase` command with the `NETIQ_DATABASE_CONFIG_ADMIN` credentials.

The command can be found in the following files:

Linux: /opt/netiq/idm/apps/UserApplication/NetIQ-Custom-Install.log

Windows: C:\netiq\idm\apps\UserApplication\NetIQ-Custom-Install

For example:

Linux: /opt/netiq/idm/apps/jre/bin/java -Xms256m -Xmx256m -
Dlog4j.configuration=file:///opt/netiq/idm/apps/tomcat/conf/userapp-log4j.xml -
Dwar.context.name=IDMProv -Ddriver.dn="cn=UserApplication,cn=Driver Set,o=system"
-Duser.container="o=data" -jar /opt/netiq/idm/apps/UserApplication/liquibase.jar -
-databaseClass=liquibase.database.core.PostgresDatabase --
driver=org.postgresql.Driver --classpath=/opt/netiq/idm/apps/postgres/postgresql-
9.4.1212.jdbc42.jar:/opt/netiq/idm/apps/tomcat/webapps/IDMProv.war --
changeLogFile=DatabaseChangeLog.xml --url="jdbc:Postgresql:// localhost:5432/
idmuserappdb?compatible=true" --contexts="prov,newdb,updatedb" --logLevel=info --
username=***** --password=***** update >> /opt/netiq/idm/apps/
UserApplication/db.out

Windows: "C:\netiq\idm\apps\jre\bin\java" -Xms256m -Xmx256m -
Dlog4j.configuration=file:C:\netiq\idm\apps\tomcat\conf\userapp-log4j.xml -
Dwar.context.name=IDMProv -Ddriver.dn="cn=UserApplication,cn=driverset1,o=system"
-Duser.container="o=data" -jar "C:\netiq\idm\apps\UserApplication\liquibase.jar" -
-databaseClass=liquibase.database.core.PostgresDatabase --
driver=org.postgresql.Driver --classpath="C:\netiq\idm\apps\postgres\postgresql-
9.4.1212.jdbc42.jar;C:\netiq\idm\apps\tomcat\webapps\IDMProv.war" --
changeLogFile=DatabaseChangeLog.xml --url="jdbc:postgresql://localhost:5432/
idmuserappdb?compatible=true" --contexts="prov,newdb,updatedb" --logLevel=info --
username=***** --password=***** update >>
C:\netiq\idm\apps\UserApplication\db.out

3.7 Updating Designer

This service pack provides an update to Designer 4.6 and Designer 4.6 (LDAP). Download the Designer 4.6.2 updates from one of the following links for your version of Designer.

- ♦ [Designer 4.6.2](#)
- ♦ [Designer 4.6.2 \(LDAP\)](#)

Designer provides an built-in auto-update feature that notifies you of new features available at the Designer Download Site. This feature allows you to download Designer package and patch updates when the computer that has Designer installed and is connected to the Internet.

You also can perform an offline update of Designer when the computer that has Designer installed and is not connected to the Internet. To perform an offline update, first download the required content from the Designer and Package Update Web sites on a local or remote computer and then point Designer to the directory containing the downloaded files.

- ♦ [Section 3.7.1, "Online Update using the Auto Update Feature," on page 12](#)
- ♦ [Section 3.7.2, "Updating Designer in an Offline Mode," on page 13](#)

3.7.1 Online Update using the Auto Update Feature

- 1 Launch Designer.
- 2 From Designer main menu, click **Help > Check for Designer Updates**.
- 3 Click **Yes** to accept the Designer updates.
- 4 Restart Designer for the changes to take effect.

3.7.2 Updating Designer in an Offline Mode

To update Designer in an offline mode, create an offline copy of the Designer update files and then configure Designer to read the patch updates from the files copied to the local directory.

To create an offline copy of the Designer update files:

- 1 Log in to the computer that has Designer installed and create a local directory.
- 2 Download the latest patch zip file for Designer version from the [specified location](#) and unzip the files into the local directory.

To configure Designer to read the patch updates from the local directory:

- 1 Launch Designer.
- 2 From Designer's main menu, click **Window > Preferences**.
- 3 Click **NetIQ > Identity Manager** and select **Updates**.
- 4 Select **Do not check for updates** and deselect all the other check boxes.
- 5 For **URL**, specify file:///media/<path_to_update>/updatesite1_0_0/
For a Linux mounted ISO, use the following URL format:
file:///media/designer450offline/updatesite1_0_0/
- 6 Click **Apply**, then click **OK**.
- 7 From Designer's main menu, click **Help > Check for Designer Updates**.
- 8 Select the required updates and click **Yes** to accept and update the Designer.
- 9 Restart Designer for the changes to take effect.

3.8 Updating Self Service Password Reset

This service pack provides support for NetIQ Self Service Password Reset 4.2.0.1. You can upgrade to higher versions by downloading it from the [download page](#).

3.9 Enabling TLS/SSL Connections for User Application

To enable SSL connections, perform the steps listed in the readme file from the [download page](#).

4 Installing Identity Manager 4.6 on Windows Server 2016

IMPORTANT: If you are using Windows Server 2016, all Identity Manager components must be upgraded to 4.6.2. For more information on the order of component updates, see [Section 3.2](#), "Upgrade Order," on page 9.

Perform the following steps to install Identity Manager 4.6 on Windows Server 2016:

- 1 Download the Identity_Manager_4.6_Win2k16.iso from the [download site](#).
- 2 Mount the ISO file.
- 3 Install all Identity Manager components from the ISO file.

For more information on installing the Identity Manager components, follow the instructions from the [NetIQ Identity Manager Setup Guide](#).

NOTE: NetIQ does not support this installation through integrated installation program.

4 Upgrade all Identity Manager components to 4.6.2.

To upgrade from Identity Manager 4.6 or 4.6.1 on Windows 2012 to Identity Manager 4.6.2 on Windows Server 2016, perform the following steps:

1. Upgrade eDirectory to 9.0.4.
2. Upgrade iManager to 3.0.4.
3. Upgrade all the Identity Manager components to 4.6.2.
4. Upgrade the host operating system to Windows Server 2016.

5 Known Issues

NetIQ 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, please contact [Technical Support](#).

- [Section 5.1, "Date Picker Button Appears Inspite of Selecting to Hide This Control," on page 14](#)
- [Section 5.2, "SOAP Provisioning Endpoint Reports an Error When All Permissions Are Not Selected for a User," on page 14](#)
- [Section 5.3, "Task Page Responds Slowly When the Page Size Has a High Value," on page 15](#)
- [Section 5.4, "Role and Resource Service Driver Does Not Support Recalculation of Roles, Resources, and DirXML-EntitlementRef Attribute for a User," on page 15](#)
- [Section 5.5, "Comparing PRD and XML Data Shows Differences," on page 15](#)
- [Section 5.6, "Remote Loader Not Installed Despite Selected During Installation," on page 15](#)
- [Section 5.7, "Designer Fails to Authenticate With Identity Manager Server on Windows When the Connection Uses Proxy Configuration," on page 16](#)
- [Section 5.8, "catalina.out File Does Not Rotate the Log," on page 16](#)
- [Section 5.9, "Filter Resource Changes Are Not Automatically Applied to the Package," on page 17](#)

5.1 Date Picker Button Appears Inspite of Selecting to Hide This Control

Issue: When you use the `field.hide()` function along with the Date Picker control to hide the Date Picker button in the process request form, the button appears along with other controls in the same row. (Bug 1064914)

Workaround: Add a line break on and before the Date Picker field while creating the process request form. The line break displays the Date Picker field in a separate row.

5.2 SOAP Provisioning Endpoint Reports an Error When All Permissions Are Not Selected for a User

Issue: When a user does not have all permissions and you invoke a workflow for that user without provisioning all permissions for an assignment by using the SOAP provisioning endpoint, the identity applications report an `IllegalStateException` error. (Bug 1041902)

Workaround: Perform the following actions:

- 1 Navigate to the `ism-configuration.properties` file.
- 2 Open the file in a text editor.
- 3 Locate `WorkflowService/SOAP-End-Points-Accessible-By-ProvisioningAdminOnly` in the file and set it to `false`.
- 4 Restart the Tomcat server.

5.3 Task Page Responds Slowly When the Page Size Has a High Value

Issue: The Task page properly responds if the value of the page size is set to 100. If the value exceeds 100, the performance slows down. (Bug 1067071)

Workaround: It is recommended to set the page size to 10, 20, or 50 for a good performance.

5.4 Role and Resource Service Driver Does Not Support Recalculation of Roles, Resources, and DirXML-EntitlementRef Attribute for a User

Issue: If you resynchronize a user in the Role and Resource Service driver, the driver checks the user attributes in the filter and synchronizes them, but it does not recalculate the roles and resources assigned to the user. (Bug 1093450)

Workaround: There is no workaround at this time.

5.5 Comparing PRD and XML Data Shows Differences

Issue: On an upgraded Identity Manager 4.6.2 setup, if you compare differences between PRDs and XML data, Designer shows them as unequal. (Bug 1042157)

Workaround: Redeploy the already deployed User Application driver.

NOTE: This issue is noticed only the first time the driver is compared.

5.6 Remote Loader Not Installed Despite Selected During Installation

Issue: By default, the installation program selects the following Remote Loader options, but does not install this component:

- ♦ 32-Bit Remote Loader Service
- ♦ 64-Bit Remote Loader Service
- ♦ .NET Remote Loader Service

If you proceed with the installation, it displays an error. (Bug 1068453)

Workaround: Deselect the Remote Loader options and then proceed with the installation.

5.7 Designer Fails to Authenticate With Identity Manager Server on Windows When the Connection Uses Proxy Configuration

Issue: When Designer is configured to use a proxy server to access the Identity Manager server, Designer fails to authenticate with the Identity Manager server.

Workaround: Perform the following actions:

- 1 Click **Window > Preferences General > Network Connections**.
- 2 Change the **Active Provider** setting from Direct to Manual.
- 3 Select HTTP or HTTPS protocol under the **Proxy entries** section. Do not select SOCKS protocol.
- 4 In the Edit Proxy Entry window, provide the IP address of the Identity Vault for your connection (HTTP or HTTPS), then click **OK**.
- 5 Click **Add Host** under the **Proxy bypass** section.
- 6 In the Proxy bypass hosts window that opens, provide the IP address of the Identity Vault, then click **OK**.

5.8 catalina.out File Does Not Rotate the Log

Issue: If you installed Identity Applications on Linux or Windows, the catalina.out file does not rotate the log.

Workaround on Linux: Perform the following actions:

- 1 Open a text editor and create a netiq-tomcat file at /etc/logrotate.d/ with the following entries:

```
/opt/netiq/idm/apps/tomcat/logs/catalina.out {
    copytruncate
    daily
    dateext
    dateformat -%Y-%m-%d
    rotate 25
    notifempty
    missingok
    compress
    su novlua novlua
}
```

- 2 Verify that logrotate is scheduled to run at midnight.
- 3 Verify that novlua user and novlua group permissions are set for the catalina.out file.
- 4 Verify that the log is correctly rotated.

Run the following command:

```
/usr/sbin/logrotate -d /etc/logrotate.d/netiq-tomcat
```

You should see messages similar to the below in the screen.

```
reading config file /etc/logrotate.d/netiq-tomcat
Handling 1 logs
rotating pattern: /opt/netiq/idm/apps/tomcat/logs/catalina.out  after 1 days
(25 rotations)
empty log files are not rotated, old logs are removed
switching euid to 485 and egid to 0
considering log /opt/netiq/idm/apps/tomcat/logs/catalina.out
log does not need rotating
switching euid to 0 and egid to 0
```

Workaround on Windows: There is no workaround at this time.

5.9 Filter Resource Changes Are Not Automatically Applied to the Package

Issue: If a driver contains a package that includes a filter resource, any changes made to the filter resource are not reflected in the driver filter. For example, when a new class or an attribute is added to the filter, the changes are not merged with the driver filter.

Workaround: Manually synchronize the changes with the package.

- 1 In the Outline view, right-click the filter resource and select **Sync to Package**.
- 2 Select the package where you want to add the filter resource and click **OK**.

6 Contact Information

Our goal is to provide documentation that meets your needs. If you have suggestions for improvements, please email Documentation-Feedback@netiq.com (<mailto:Documentation-Feedback@netiq.com>). We value your input and look forward to hearing from you.

For detailed contact information, see the [Support Contact Information website](http://www.netiq.com/support/process.asp#phone) (<http://www.netiq.com/support/process.asp#phone>).

For general corporate and product information, see the [NetIQ Corporate website](http://www.netiq.com/) (<http://www.netiq.com/>).

For interactive conversations with your peers and NetIQ experts, become an active member of our [community](https://www.netiq.com/communities/) (<https://www.netiq.com/communities/>). The NetIQ online community provides product information, useful links to helpful resources, blogs, and social media channels.

7 Legal Notice

For information about legal notices, trademarks, disclaimers, warranties, export and other use restrictions, U.S. Government rights, patent policy, and FIPS compliance, see <https://www.netiq.com/company/legal/>.

Copyright © 2017 NetIQ Corporation, a Micro Focus company. All Rights Reserved.

