



Release Notes

/ Identity Connect 7.1.6

Latest update: 7.1.6

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Abstract

Notes covering Identity Connect prerequisites, fixes, and known issues.



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Chapter 1

What's New

Maintenance Releases

Maintenance releases contain a collection of fixes and minor RFEs. Identity Connect 7.1.6 is the latest release, targeted for Identity Connect 7.1 deployments. It is recommended that you upgrade to this release to take advantage of security fixes.

The release can be deployed as an initial deployment or updated from an existing 7.1 deployment. For information on updating from 7.1, see "Upgrade From Identity Connect 7.1 to Identity Connect 7.1.6" in the *Implementation Guide*.

Identity Connect 7.1

Identity Connect 7.1 is a revised release, based on the latest ForgeRock Identity Management release. Identity Connect 7.1 has functional parity with Identity Connect 3, but fixes a number of UI and backend issues.

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The following behavior was new in Note that the following behavior has *changed* in this release:

- Previously, when you configured the connection to Active Directory, the password entered here would be read from the configuration the next time that page was loaded. This password is no longer read from the configuration. You must enter your credentials every time you update the page.

Chapter 2

Before You Install

This chapter covers software and hardware prerequisites for installing and running Identity Connect software.

+ *Java Requirements*

Identity Connect software supports the following Java environments:

Supported Java Versions

Vendor	Versions
OpenJDK, including OpenJDK-based distributions: <ul style="list-style-type: none"> • AdoptOpenJDK/Eclipse Adoptium • Amazon Corretto • Azul Zulu • Red Hat OpenJDK ForgeRock tests most extensively with AdoptOpenJDK/Eclipse Adoptium. ForgeRock recommends using the HotSpot JVM.	11
Oracle Java	11

To check the Java version on UNIX or Windows systems, type `java -version` in a terminal or PowerShell console. For example:

```
java -version
openjdk version "11.0.4" 2019-07-16
OpenJDK Runtime Environment AdoptOpenJDK (build 11.0.4+11)
OpenJDK 64-Bit Server VM AdoptOpenJDK (build 11.0.4+11, mixed mode)
```

If you are running Identity Connect on a Windows system, you must also set the `JAVA_HOME` environment variable to point to the root of a valid Java installation. See the Windows documentation that corresponds to your server version for instructions on setting environment variables.

Increasing the heap size available to the JVM can improve Identity Connect performance. By default, Identity Connect runs with an initial heap and a maximum heap of 2 Gbytes. You can

increase both the initial and maximum heap sizes available to the JVM by setting the `OPENIDM_OPTS` environment variable before you start the server.

The following command changes the initial and maximum heap to 3 Gbytes. Adjust the command, according to your shell. To set the environment variable on Windows Systems, see the Microsoft TechNet article at <http://technet.microsoft.com/en-us/library/cc772047.aspx>.

```
export OPENIDM_OPTS="-Xmx3g -Xms3g"
```

+ *Operating System Requirements*

Identity Connect 7.1.6 is supported on the following operating systems:

- Red Hat Enterprise Linux (and CentOS Linux) 6.6, 6.7, 7.0, and 8.0
- Ubuntu Linux 16.04 and later
- Windows Server 2012 R2, 2016, and 2019

+ *Supported Repositories*

By default, Identity Connect stores user, audit and configuration data in an embedded PostgreSQL repository. The embedded repository is supported in production but for larger deployments and for availability you might want to set up an external PostgreSQL database.

Only PostgreSQL version 10 is supported.

+ *Supported Browsers*

The Identity Connect UI has been tested with the following browsers:

Browser	Version
Google Chrome	Most recent stable version
Mozilla Firefox	Most recent stable version
Microsoft Internet Explorer	Version 11 and Edge
Safari	Version 5 and later

For information about the browsers that are supported for the Salesforce UI, see the [Salesforce documentation](#).

+ *Hardware and Memory Requirements*

You need at least 200 MB disk space and 2 GB memory for a minimal evaluation installation. For a production installation, disk space and memory requirements will depend on the number of Active Directory users, and on the size of the log files that Identity Connect writes.

Caution

Identity Connect uses BouncyCastle 1.67 for signing JWTs. The BouncyCastle .JAR file that is bundled with Identity Connect includes the `org.bouncycastle.asn1.util.Dump` command-line utility. Although this utility is not used directly by IDM, it is possible to reference the utility in your scripts. Due to a security vulnerability in this utility, you should *not* reference it in your scripts. For more information, see the corresponding [BouncyCastle issue](#).

Chapter 3

Limitations, and Known Issues

This chapter lists the main issues and limitations in this Identity Connect release, as well as major issues that have been fixed since the previous release.

Limitations

- Identity Connect does not support mapping and synchronization of Salesforce *Permission Set License Assignments*.

Identity Connect supports mapping between an Active Directory group and a Salesforce Permission Set but *not* if that Permission Set is available as the result of a Permission Set License Assignment being granted to the user.

For more information about Permission Set License Assignments, see [PermissionSetLicense](#) and [PermissionSetLicenseAssign](#) in the Salesforce Developer Documentation.

Fixes

7.1.6

- Miscellaneous security fixes.

7.1.5

- Miscellaneous security fixes.

7.1.3

- Miscellaneous security fixes.

7.1.1

- **OPENIDM-16379:** Removing values from a multi-valued managed/user property fails with policy validation error if the property is set to Required
- **OPENIDM-16479:** Privileges not displayed when user authenticates with certificate

7.1.0

- **OPENIDM-16203:** Identity Connect Permission Set needs to be assigned after license assigned

- OPENIDM-15721: Functionality to disable ADGroup to UserRole does not contain a checkbox to disable UserRoleId updates
- OPENIDM-14668: When adding PermissionSets or Groups, hitting cancel will not allow any new object selects
- OPENIDM-14667: Identity Connect UI - Loading wheel is missing when adding multiple relationships between AD groups and Salesforce objects
- OPENIDM-14419: IC Setup Wizard gets Error: Failed to update samlssconfig
- OPENIDM-14320: Identity Connect - Mapping Attributes tab Save button is active before any changes
- OPENIDM-14318: User can add attribute multiple times on mapping attributes tab
- OPENIDM-14309: Association Rules setting disappears after cancel/close prior to save changes
- OPENIDM-14308: Change User Association - attribute list is hidden
- OPENIDM-14251: IC Migration does not set the home attribute within the saml.json config
- OPENIDM-14250: SSO Page stuck loading (spinning) forever if the SF SSO Config is deleted
- OPENIDM-14247: Identity Connect - Configuring IC login with a attribute other than SAMAccountName fails
- OPENIDM-14245: Required fields are missing: [ProfileId] when AD Account is removed from Group mapped to SF Profile
- OPENIDM-14243: IC sync result drop-down menu contains typo
- OPENIDM-14182: Page and sort results in the 'Change User Association' modal window in IC
- OPENIDM-14178: When only one role is assigned to an assignment the UI appears to not save the change in Identity Connect
- OPENIDM-14175: Not all groups show up in vue multiselect used in Identity Connect UI
- OPENIDM-14165: Debounce search queries and cancel previous search queries for search-as-you-type feature
- OPENIDM-14164: Highlighting difference in individual sync does not work in IC UI
- OPENIDM-14159: Missing info text in text-center element using preview menu.
- OPENIDM-14156: When cancelling a recon we need to display that as part of the spinner data
- OPENIDM-14155: Change default log level for the schedules in IdentityConnect by default to debug

- OPENIDM-14154: Supply the default 636 port when toggling SSL for the AD connection in Identity Connect
- OPENIDM-14153: Add loading spinner to `attributes` and `sso` views in Identity Connect
- OPENIDM-14146: Change user association in Identity Connect UI does not display the error message
- OPENIDM-14139: Members are only added managed roles during liveSync of user account changes
- OPENIDM-14137: Problem retrieving Salesforce SAML when configured on port 443
- OPENIDM-14077: Enable the schedule-livesyncADGroups after the wizard recons in the initial AD groups
- OPENIDM-14071: Recon association entry api doesn't filter correctly if there are null source or target object ids
- OPENIDM-14062: Password Reset for Identity Connect not displaying in the UI for end users
- OPENIDM-14042: Change the default.html and 404.html for Identity Connect to use Salesforce 404 page
- OPENIDM-14041: Modify create-openidm-rc.sh for Identity Connect to include Salesforce as description
- OPENIDM-14040: Allow the Identity Connect Sync grid display to have configurable attributes displayed
- OPENIDM-14016: IC - Inoperable & missing Close buttons on "Manage Salesforce Organizations" dialogs
- OPENIDM-13917: Add Attribute dialog allows adding a null attribute
- OPENIDM-13904: Sync tab view in Identity Connect takes quite some time to load with a large data set in both source and target
- OPENIDM-13779: Intermittent never ending preview analysis/reconciliation
- OPENIDM-13518: Advance setting when Connecting to AD not working correctly for User filter
- OPENIDM-13516: SSO config is created but not shown in UI until refresh
- OPENIDM-13513: IC UI bugs while creating New Organization
- OPENIDM-13503: Invalid Date range in reports>User Activity on Firefox browser
- OPENIDM-13486: Permission Sets that are assigned to a Profile in Salesforce or the Permission Set is Identity Connect should not be assignable

- OPENIDM-13478: IC same cert mapping is written to secrets.json multiple times
- OPENIDM-13382: IC: Data is not displayed at sync tab after Run Preview Analysis

Chapter 4

Documentation Updates

"Documentation Change Log" tracks important changes to the documentation:

Documentation Change Log

Date	Description
2023-12-15	<ul style="list-style-type: none">• Release of Identity Connect 7.1.6.
2023-03-15	<ul style="list-style-type: none">• Release of Identity Connect 7.1.5.
2022-08-05	<ul style="list-style-type: none">• Release of Identity Connect 7.1.3.
2021-08-18	<ul style="list-style-type: none">• Release of Identity Connect 7.1.1.• Added a new upgrade procedure in the <i>Implementation Guide</i>.
2021-05-11	<ul style="list-style-type: none">• Release of Identity Connect 7.1.• Updated the upgrade procedure in the <i>Implementation Guide</i>.