

NetIQ Identity Manager Identity Reporting 4.7 Service Pack 1 Hotfix 1 Release Notes

September 2018



NetIQ Identity Manager Identity Reporting 4.7 Service Pack 1 Hotfix 1 resolves specific previous issues. This document outlines why you should install this Hotfix.

For the list of software fixes and enhancements in the previous release, see [NetIQ Identity Manager 4.7.1 Release Notes](#).

To download this product, see the [Identity Manager Product](#) Web site.

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1 What's New?

This component of Identity Manager 4.7 Service Pack 1 Hotfix 1 provides support for the following component versions:

- ♦ JRE 1.8.181
- ♦ Tomcat 8.5.32
- ♦ PostgreSQL 9.6.10

For the list of software fixes and enhancements in Identity Manager 4.7 and 4.7.1, see the appropriate Release Notes on the [Identity Manager Documentation](#) page.

2 Prerequisites

You must be on Identity Manager 4.7.1 at a minimum.

3 Updating This Hotfix on Linux

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3.1 Updating to JRE 1.8 Update 181

- 1 (Optional) Back up all the files from `/opt/netiq/common/jre` location.
- 2 Download and extract the `IDM47-Reporting-SP1_HF1.zip` file from the [download site](#).

- 3 Navigate to **Jre > linux > 64bit** directory in the extracted file and update jre to the latest version.

Example: `rpm -Uvh netiq-jrex-1.8.0-181.x86_64.rpm`

3.2 Updating to Tomcat 8.5.32

- 1 Stop the Tomcat service.
- 2 (Optional) Back up all the files from `/opt/netiq/idm/apps/tomcat` location.
- 3 Download and extract the `IDM47-Reporting-SP1_HF1.zip` file from the [download site](#).
- 4 Navigate to the **Tomcat > linux** directory in the extracted file and update the rpm.

Example: `rpm -Uvh netiq-idmtomcat-8.5.32-0.noarch.rpm`

- 5 Start the Tomcat service.

3.3 Updating to PostgreSQL 9.6.10

- 1 Download and extract the `IDM47-Reporting-SP1_HF1.zip` file from the [download site](#).
- 2 Navigate to the **Postgres > linux** directory in the extracted file and run the `pg-upgrade.sh` script.

The upgrade script performs the following actions:

- ♦ Takes a backup of the existing postgres to a different folder. For example, from `/opt/netiq/idm/postgres` to `/opt/netiq/idm/postgres-201810221903-backup`.
- ♦ Updates the existing Postgres directory. For example, `/opt/netiq/idm/postgres`.

- 3 Specify the following details to complete the installation:

Existing Postgres install location: Specify the location where PostgreSQL is installed. For example, `/opt/netiq/idm/postgres`.

Existing Postgres Data Directory: Specify the location of the existing PostgreSQL data directory. For example, `/opt/netiq/idm/postgres/data`.

Existing Postgres Database Password: Specify the PostgreSQL password.

4 Updating This Hotfix on Windows

- ♦ [Section 4.1, “Updating to JRE 1.8 Update 181,” on page 2](#)
- ♦ [Section 4.2, “Updating to Tomcat 8.5.32,” on page 3](#)
- ♦ [Section 4.3, “Updating to PostgreSQL 9.6.10,” on page 3](#)

4.1 Updating to JRE 1.8 Update 181

- 1 Stop the Tomcat service and all java processes.
- 2 Back up all the files from `<reporting-install-location>\jre`.
- 3 Download and extract the `IDM47-Reporting-SP1_HF1.zip` file from the [download site](#).
- 4 Navigate to the **Jre > windows > 64bit** folder in the extracted file and select the 64-bit jre version. Copy all the files and replace it in `<reporting-install-location>\jre`.

NOTE: You must import the certificates from the existing Java cacerts to the new cacerts file.

- 5 Start the Tomcat service.

4.2 Updating to Tomcat 8.5.32

- 1 Stop the Tomcat service.
- 2 Back up all the folders and files from <reporting-install-location>\tomcat.
- 3 Download and extract the IDM47-Reporting-SP1_HF1.zip file from the [download site](#).
- 4 Navigate to the **Tomcat > windows** folder in the extracted file. Copy all the files and folders except **conf** and **webapps** folder and replace it in the respective folders in <reporting-install-location>\tomcat.

NOTE: Do not delete the existing files or folders.

- 5 Navigate to the **conf** folder in the extracted file and copy the `catalina.policy` to <reporting-install-location>\tomcat\conf.
- 6 (Optional) Cleanup the catalina logs.
- 7 Start the Tomcat service.

4.3 Updating to PostgreSQL 9.6.10

- 1 Stop and disable the PostgreSQL service.
- 2 Rename the existing postgres folder in `C:\Netiq\idm\apps`.
For example, rename postgres to postgres9.6.9.
- 3 Delete the old PostgreSQL service by running the following command:

```
sc delete "postgres_service_name"
```


For example, `sc delete "postgresql-x64-9.6"`
- 4 Download and extract the IDM47-Reporting-SP1_HF1.zip file from the [download site](#).
- 5 Navigate to the <extractlocation>\IDM47-Reporting-SP1_HF1\Postgres\windows folder and run the `NetIQ_PostgreSQL.exe` file.

NOTE

- ◆ You must choose a location other than the current installation location of PostgreSQL.
 - ◆ Do not provide any database details in the **PostgreSQL** page.
 - ◆ You must deselect the **Create database login account** and **Create empty database** options.
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- 6 Stop the newly installed PostgreSQL service. Go to **Services**, search for PostgreSQL version service, and stop the service.

NOTE: Appropriate users can perform stop operations after providing valid authentication.

- 7 Change the permissions for the newly installed PostgreSQL directory by performing the following actions:
 - ◆ Create a postgres user:
 1. Go to **Control Panel > User Accounts > User Accounts > Manage Accounts**.

2. Click **Add a user account**.
3. In the **Add a User** page, specify `postgres` as the user name and provide a password for the user.
- ◆ Provide permissions to `postgres` user to the existing and newly installed PostgreSQL folders:
 1. Right click the PostgreSQL folder and go to **Properties > Security > Edit**.
 2. Select **Full Control for the user** to provide complete permissions.
 3. Click **Apply**.
- 8 Access the PostgreSQL folder as `postgres` user.
 1. Login to the server as `postgres` user.
Before logging in, make sure that `postgres` can connect to the Windows server by verifying if a remote connection is allowed for this user.
 2. Delete the data folder from the new `postgres` install location.
For example, `C:\NetIQ\idm\apps\postgres\data`.
 3. Open a command prompt and set `PGPASSWORD` by using the following command:
`set PGPASSWORD=<your pg password>`
 4. Change to the newly installed PostgreSQL folder.
For example, `C:\NetIQ\idm\apps\postgres\bin`.
 5. Execute `initdb` as `postgres` database user from the new PostgreSQL **bin** directory.
`initdb.exe -D <new_data_directory> -E <Encoding> UTF8 -U postgres`
For example, `initdb.exe -D C:\NetIQ\idm\apps\postgres\data -E UTF8 -U postgres`
- 9 Upgrade PostgreSQL from new PostgreSQL **bin** directory. Run the following command and click **Enter**:
`pg_upgrade.exe --old-datadir "C:\NetIQ\idm\apps\postgres9.6.9\data" --new-datadir "C:\NetIQ\idm\apps\postgres\data" --old-bindir "C:\NetIQ\idm\apps\postgres9.6.9\bin" --new-bindir "C:\NetIQ\idm\apps\postgres\bin"`
- 10 After successful upgrade, replace the `pg_hba.conf` and `postgresql.conf` files located in the new `postgres` data directory (`C:\NetIQ\idm\apps\postgres\data`) with the files from old `postgres` directory (`C:\NetIQ\idm\apps\postgres9.6.9\data`).
- 11 Start the upgraded PostgreSQL database service.
Go to **Services**, search for the upgraded PostgreSQL service, and start the service.

NOTE: Appropriate users can perform start operations after providing valid authentication.

- 12 (Optional) Delete the old data files from the **bin** directory of the newly installed PostgreSQL service.
 1. Log in as `postgres` user.
 2. Navigate to the `bin` directory and run `analyze_new_cluster.bat` and `delete_old_cluster.bat` files.
For example, `C:\NetIQ\idm\apps\postgresql969\bin`

NOTE: Run this file only if you want to delete the old data files.

5 Contact Information

Our goal is to provide documentation that meets your needs. If you have suggestions for improvements, please email 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](#).

For general corporate and product information, see the [NetIQ Corporate website](#).

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