



Upgrading third-party products

Active IQ Unified Manager 9.7

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Upgrading third-party products

You can upgrade third-party products, such as JRE and MySQL, on Unified Manager when installed on Linux systems.

The companies that develop these third-party products report security vulnerabilities on a regular basis. You can upgrade to newer versions of this software at your own schedule.

Upgrading OpenJDK on Linux

You can upgrade to a newer version of OpenJDK on the Linux server on which Unified Manager is installed to obtain fixes for security vulnerabilities.

Before you begin

You must have root privileges for the Linux system on which Unified Manager is installed.

About this task

You can update OpenJDK releases within release families. For example, you can upgrade from OpenJDK 11.0.6 to OpenJDK 11.0.7, but you cannot update directly from OpenJDK 11 to OpenJDK 12.

Steps

1. Log in as a root user on the Unified Manager host machine.
2. Download the appropriate version of OpenJDK (64-bit) to the target system.
3. Stop the Unified Manager services: `systemctl stop ocieau``systemctl stop ocie`
4. Install the latest OpenJDK on the system.
5. Start the Unified Manager services: `systemctl start ocie``systemctl start ocieau`

Upgrading MySQL on Linux

You can upgrade to a newer version of MySQL on the connected Linux server on which Unified Manager is installed to obtain fixes for security vulnerabilities. For any minor upgrade, the base version of MySQL must be 8.0.20 or later. If the installed version of MySQL on your system is earlier than 8.0.20, the Unified Manager 9.7 upgrade process automatically upgrades MySQL to 8.0.20. You must not run a standalone upgrade of MySQL from an earlier version to 8.0.20.

Before you begin



Manual upgrade of MySQL is applicable for internet-connected systems only. If the installed version of MySQL on your system is 5.7, then you must not attempt to directly upgrade MySQL to version 8.0.20. It results in application data loss.

You must have root privileges for the Linux system on which Unified Manager is installed.

About this task

You can upgrade the base version of MySQL 8.0.20 to later versions for only minor updates.

Steps

1. Log in as a root user on the Unified Manager host machine.
2. Download the latest MySQL Community Server .rpm bundle on the target system.
3. Untar the bundle to a directory on the target system.
4. You get multiple .rpm packages in the directory after untarring the bundle, but Unified Manager only needs the following rpm packages:

- mysql-community-client-8.0.20
- mysql-community-libs-8.0.20
- mysql-community-server-8.0.20
- mysql-community-common-8.0.20
- mysql-community-libs-compat-8.0.20

Delete all other .rpm packages. However, installing all packages in an rpm bundle does not cause errors.

5. Stop the Unified Manager service and the associated MySQL software in the order shown: `systemctl stop ocieausystemctl stop ociesystemctl stop mysqld`
6. Invoke the upgrade of MySQL by using the following command: `yum install *.rpm`

*.rpm refers to the .rpm packages in the directory where you downloaded the newer version of MySQL.

7. Start Unified Manager in the order shown: `systemctl start mysqldsystemctl start ociesystemctl start ocieau`

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