Setting up required software repositories

Active IQ Unified Manager

NetApp
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Setting up required software repositories

The system must have access to certain repositories so that the installation program can access and install all required software dependencies.

Manually configuring the EPEL repository

If the system on which you are installing Unified Manager does not have access to the Extra Packages for Enterprise Linux (EPEL) repository, then you must manually download and configure the repository for a successful installation.

The EPEL repository provides access to the required third-party utilities that must be installed on your system. You use the EPEL repository whether you are installing Unified Manager on a Red Hat or CentOS system.

Steps

1. Download the EPEL repository for your installation. For Red Hat Enterprise Linux 7, download it from:

   ```
   wget https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
   ```

   For version 8, download it from:

   ```
   wget https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm
   ```

2. Configure the EPEL repository:

   ```
   yum install epel-release-latest-<version>.noarch.rpm
   ```

For Red Hat Enterprise Linux 8 systems, if you have internal repositories with modular RPM packages, for example, *javapackages-filesystem-<version>.module.rpm*, ensure that the metadata for the modular packages is also available in the same repository.

Manually configuring the MySQL repository

If the system on which you are installing Unified Manager does not have access to the MySQL Community Edition repository, then you must manually download and configure the repository for a successful installation.

The MySQL repository provides access to the required MySQL software that must be installed on your system.

This task might fail if the system does not have Internet connectivity. Refer to the MySQL documentation if the system on which you are installing Unified Manager does not have Internet access.

Steps

1. Download the appropriate MySQL repository for your installation. For Red Hat Enterprise Linux 7, download it from:

   ```
   wget http://repo.mysql.com/yum/mysql-8.0-community/el/7/x86_64/mysql80-
   community-release-el7-3.noarch.rpm
   ```

For version 8, download it from:

```
wget http://repo.mysql.com/yum/mysql-8.0-community/el/8/x86_64/mysql80-community-release-el8-1.noarch.rpm
```

2. Configure the MySQL repository:

```
yum install mysql80-community-release-<version>.noarch.rpm
```

For Red Hat Enterprise Linux 8 system, if you have internal repositories with java-11-openjdk, p7zip, and other software packages provided by the AppStream repository, you must disable your AppStream repository and install MySQL Community Server. Run the following command:

```
# sudo yum --disablerepo=rhel-8-for-x86_64-appstream-rpms install  mysql-community-server
```

If you receive an error on missing key or key mismatch, and your installation fails, try these steps:

- On a connected system, import the updated MySQL key by running the following command:

```
rpm --import https://repo.mysql.com/RPM-GPG-KEY-mysql-<xxxx>

for example:

rpm --import https://repo.mysql.com/RPM-GPG-KEY-mysql-2022
```

- On a system that does not have internet connectivity, update your MySQL repo file and disable `gpgcheck` by marking `gpgcheck=0`.

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