CEM MiNiFi Java Agent 2.24.02

# Using MiNiFi Java Agent Container Image

**Date published: 2022-10-12**
**Date modified: 2024-04-16**

## CLOUDERA

**https://docs.cloudera.com/**

# Legal Notice

# Contents

# Download the MiNiFi Java agent image

Learn how to deploy the MiNiFi Java agent in a container. To do so, you need to retrieve the container image.

If you want to run MiNiFi Java in a containerized environment that has everything installed, which the agent needs to run including libraries, system tools, and so on, you can use the released Docker images.

Firstly, you need to login to Cloudera repository with the following command:

```
docker login -u *** -p *** container.repo.cloudera.com
```

**Note:** The above command expects your Cloudera credentials derived from your license key. The same credentials you would use to access the CEM binaries.

You can then retrieve the required version of the container using:

```
docker pull container.repo.cloudera.com/cloudera/nifi-minifi-java:<TAG>
```

Where the TAG can be the version number, for example:  2.24.02.0-33

Use this tag to download a specific agent version.

# Use the container in standalone mode

Learn how to use the docker container in standalone mode.

The docker container can be used in standalone mode by providing the configuration files as a mounted volume.

```
docker run -d  \
  -v /minifi_configs/conf:/opt/minifi/minifi-current/conf/ \
  container.repo.cloudera.com/cloudera/nifi-minifi-java:<TAG>
```

It is also recommended to use the repository folders as mounted volumes, so the state of the agent will be persisted if you stop or restart the docker.

```
docker run -d  \
  -v /minifi_configs/conf:/opt/minifi/minifi-current/conf/ \
  -v /minifi_configs/logs:/opt/minifi/minifi-current/logs/ \
  -v /minifi_configs/database_repository:/opt/minifi/minifi-current/database_
repository/ \
  -v /minifi_configs/flowfile_repository:/opt/minifi/minifi-current/flowfi
le_repository/ \
  -v /minifi_configs/content_repository:/opt/minifi/minifi-current/content_
repository/ \
  -v /minifi_configs/provenance_repository:/opt/minifi/minifi-current/prov
enance_repository/ \
  -v /minifi_configs/state:/opt/minifi/minifi-current/state/ \
  container.repo.cloudera.com/cloudera/nifi-minifi-java:<TAG>
```

The /minifi_configs needs to be replaced with the correct path of your local file system.

If the containerized MiNiFi Java instance is connected to an EFM instance through secure connection, you should also provide the certificates for the container. In case these certificates are found in the certs directory under the /home/user directory, you can mount it by adding the -v /home/user/certs:/certs to the previous command.

In this case, you have to make sure that the keystore and truststore properties are pointing to the correct files in the bootstrap.conf file:

For example,

- c2.security.truststore.location=/certs/truststore.jks
- c2.security.keystore.location=/certs/keystore.jks