

Cloudera Edge Management 2.1.2

Cloudera Edge Management Release Notes

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CLOUDERA

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What's new in Edge Flow Manager

Edge Flow Manager (EFM) enables you to manage, control, and monitor agents that are deployed on the edge devices in IoT implementations. You can use these agents to collect real-time data originating from the devices to create and push actionable intelligence and insights to the place of data origin.

Edge Flow Manager 2.1.2.0 is a feature release with new features, performance improvements, and bug fixes, including:

Cloudera Manager integration

EFM is now also provided as parcel and CSD files, so that you can use Cloudera Manager to install, configure, manage, and monitor EFM. For more information about the integration, see [Installing Cloudera Edge Management on CDP Private Cloud Base](#).

Jetty and Spring upgrade

In this release, Edge Flow Manager moves to Jetty 12. This transition also enables upgrading to the latest Spring and Spring Boot versions, delivering improved stability, performance, and security.

Improved EFM caching

The internal EFM caching mechanism has been optimized, resulting in improved stability of EFM.

Oracle database support

In this release, EFM introduces extended database compatibility, now supporting Oracle Database versions 19 and 23, in addition to existing support for MySQL, PostgreSQL, and MariaDB databases. This enhancement expands the range of database options, offering increased flexibility and compatibility. For more information, see [Installing and configuring OracleDB](#).

Improved import/export functionality

The import/export functionality is now also available on the UI. The functionality remains available on REST API too. You can trigger an import/export flow on the Dashboard by opening the agent class details and selecting the appropriate option from the Actions drop-down.

This functionality is also available in the Designer view under the Actions drop-down. For more information, see [Exporting and importing dataflows using EFM UI](#).

Agent class delete option

From this release, you can delete an agent class if there is no online agent associated with it. Deletion can be initiated on the Dashboard by opening the agent class details and selecting it from the Actions drop-down. For more information, see [Deleting agent class](#).

EFM download locations

Identify the Edge Flow Manager (EFM) repository location for your operating system and operational objectives.



Note: You must have credentials to download EFM files. Your download credential is not the same as the credential you use to access the support portal.

You can get download credentials in the following ways:

- Contact your Cloudera sales representative.
- View the Welcome email for your Edge Management account.
- File a non-technical case on the [Cloudera support portal](#) for the Cloudera Support team to assist you.

For detailed system requirements and the list supported processors for EFM, see [System requirements for EFM](#).

Table 1: Standalone components (OS agnostic)

File	Location
EFM tar file	https://archive.cloudera.com/p/CEM/ubuntu20/2.x/updates/2.1.2.0/tars/efm/efm-2.1.2.0-2-bin.tar.gz
EFM zip file	https://archive.cloudera.com/p/CEM/ubuntu20/2.x/updates/2.1.2.0/tars/efm/efm-2.1.2.0-2-bin.zip
EFM Docker	<pre>docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.c loudera.com/cloudera/efm:2.1.2.0-2</pre>

Table 2: RHEL/CentOS 7

File	Location
Manifest	https://archive.cloudera.com/p/CEM/redhat7/2.x/updates/2.1.2.0/tars/efm/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/redhat7/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-el7.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/redhat7/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-el7.parcel.sha
CSD	https://archive.cloudera.com/p/CEM/redhat7/2.x/updates/2.1.2.0/tars/efm/parcel/EFM-2.1.2.0-2.jar

Table 3: RHEL/CentOS 8

File	Location
Manifest	https://archive.cloudera.com/p/CEM/redhat8/2.x/updates/2.1.2.0/tars/efm/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/redhat8/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-el8.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/redhat8/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-el8.parcel.sha
CSD	https://archive.cloudera.com/p/CEM/redhat8/2.x/updates/2.1.2.0/tars/efm/parcel/EFM-2.1.2.0-2.jar

Table 4: RHEL 9

File	Location
Manifest	https://archive.cloudera.com/p/CEM/redhat9/2.x/updates/2.1.2.0/tars/efm/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/redhat9/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-el9.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/redhat9/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-el9.parcel.sha
CSD	https://archive.cloudera.com/p/CEM/redhat9/2.x/updates/2.1.2.0/tars/efm/parcel/EFM-2.1.2.0-2.jar

Table 5: Ubuntu 20

File	Location
Manifest	https://archive.cloudera.com/p/CEM/ubuntu20/2.x/updates/2.1.2.0/tars/efm/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/ubuntu20/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-focal.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/ubuntu20/2.x/updates/2.1.2.0/tars/efm/parcel/CEM-2.1.2.0-2-focal.parcel.sha
CSD	https://archive.cloudera.com/p/CEM/ubuntu20/2.x/updates/2.1.2.0/tars/efm/parcel/EFM-2.1.2.0-2.jar

Unsupported features

The following Edge Flow Manager (EFM) features are not supported by Cloudera.

There are no unsupported features in Cloudera Edge Management 2.1.2.0.

Fixed issues

Review the list of issues that are resolved in the latest Edge Flow Manager (EFM) release.

Fixed issues in EFM 2.1.2.0 include:

- Device information now updates appropriately following hardware or operating system upgrades.
- The Monitor tab, previously unavailable after upgrading to EFM 2.0.0.0, has been restored.

Known issues

Review the list of known issues of the latest Edge Flow Manager (EFM) release.

Known issues in EFM 2.1.2.0 include:

- Browser back navigation does not work in parts of the EFM web app.
- EFM repository usage views do not show data or can be inaccurate.