

Cloudera Edge Management 1.4.1

## Cloudera Edge Management Release Notes

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# CLOUdera

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# Contents

<b>What's new in Edge Flow Manager.....</b>	<b>4</b>
<b>EFM download locations.....</b>	<b>4</b>
<b>Unsupported features.....</b>	<b>5</b>
<b>Fixed issues.....</b>	<b>5</b>
<b>Known issues.....</b>	<b>5</b>

## What's new in Edge Flow Manager

Edge Flow Manager (EFM) is a solution that 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 1.4.1 is a feature release that contains performance improvements, bug fixes, and new features including:

- Added pushing assets to agents functionality. The functionality is in Tech Preview.

The main new functionality in this release allows the user to push assets to the agents so the agent can download any arbitrary asset needed for a processor. For example, it can be used to push enhanced Machine Learning models to support decision making on the edge. For more information, see *Using Asset Push Command*.

- Added Cron scheduling support for processors.

In addition to Event and Timer based scheduling, Cron based scheduling is now also available for processors.

- Added heartbeat compression support.

If the agent is sending a GZIP compressed heartbeat request, EFM now is able to detect and process it automatically, no additional configuration is needed. This can be useful in cases when CEM setup is constrained on the network bandwidth side but has plenty of compute capacity available.

For more information on bug fixes, see *Fixed issues*.

### Related Information

[Using Asset Push Command](#)

## 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 Edge Flow Manager (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 within the [Cloudera support portal](#) for our Support team to assist you.

For detailed system requirements, and supported processors for EFM, see *System requirements for EFM*.

Software	Location
EFM tar file	<a href="https://archive.cloudera.com/p/CEM/centos7/1.x/updates/1.4.1.0/tars/efm/efm-1.4.1.0-67-bin.tar.gz">https://archive.cloudera.com/p/CEM/centos7/1.x/updates/1.4.1.0/tars/efm/efm-1.4.1.0-67-bin.tar.gz</a>
EFM zip file	<a href="https://archive.cloudera.com/p/CEM/centos7/1.x/updates/1.4.1.0/tars/efm/efm-1.4.1.0-67-bin.zip">https://archive.cloudera.com/p/CEM/centos7/1.x/updates/1.4.1.0/tars/efm/efm-1.4.1.0-67-bin.zip</a>

### Related Information

[System requirements for EFM](#)

## Unsupported features

Some features exist within EFM 1.4.1, but Cloudera does not currently support these capabilities.

The technical preview or community driven features in EFM 1.4.1 includes:

- None



**Note:** As of today, EFM is not FIPS compliant. Support for FIPS compliant cryptographic libraries will be added in the future.

## Fixed issues

Summary of fixed issues for this release.

Fixed issues in this release include:

- Automatically re-publish flow for agent that was temporarily offline during the class level publish.
- Incorrect tag population in Flow Designer.
- Agent Last Seen was incorrect on Details popup.
- Roll Bulk Operation functionality enhancements.
- Many additional small improvements and stability fixes.

## Known issues

Summary of known issues for this release.

Known issues in this release 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.