

Cloudera Edge Management 2.3.0

Cloudera Edge Management Release Notes

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CLOUDERA

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What's new in Edge Flow Manager

Edge Flow Manager allows you to manage, control, and monitor agents that are deployed on edge devices in IoT implementations. You can use these agents to collect real-time data from the devices to create and push actionable intelligence and insights directly to the data's origin.

Edge Flow Manager 2.3.0.0 introduces new features, performance improvements, and bug fixes, including:

Agent Property Synchronization

Edge Flow Manager now tracks customized agent properties, ensuring seamless synchronization of customized agent properties across deployments. After an agent property is applied and a new agent is deployed (or an offline agent returns online) the customized property is automatically updated on the agent.



Note: Existing customized properties such as manually updated agent configuration files do not trigger property synchronization.

Agent-Level Parameter Management

You can now configure parameters for individual agents within a class, overriding flow parameters at the agent level. This option provides greater flexibility and precision in managing parameters for specific agents.

For more information, see [Managing agent parameters using the UI in Cloudera Edge Management](#)

Monitoring View for Flows

The flow monitoring view in the Flow Designer provides a dedicated interface for observing and debugging running flows in Cloudera Edge Management. You get near real-time visibility into the behavior of processors, queues, and connections, enabling you to identify potential bottlenecks and optimize flow performance.



Note: Processor-related statistics require updated agent versions that are not yet released. The current Java and C++ Agent versions do not support these statistics. Until the new agent versions are available, the flow monitoring view will display data for queues only, with processor statistics unavailable.

For details, see [Monitoring view for flows](#) in *Edge Flow Manager user interface*.

Enhanced Alert Notifications in Monitoring Deployments

A new visual indicator has been introduced: an orange dot next to the status icon. This indicates that alerts are associated with the agent class.

The new Certification Expiry Notification shows you that an Agent Class contains agents with expiring certification within 30 days.



Note: By default, this threshold is set to 30 days, but it can be configured to meet your specific needs.

For details, see [Monitoring deployments in Cloudera Edge Management](#).

Monitoring Events

Filtering has been improved on the Edge Events screen.

For details, see [Sorting and filtering](#) in *Monitoring events in Cloudera Edge Management*.

Edge Flow Manager download locations

Identify the appropriate Edge Flow Manager repository location for your operating system and operational objectives.



Note: You must have credentials to download Edge Flow Manager files. Your download credential is not the same as the credential you use to access the Cloudera Support Portal.

To obtain download credentials, you can:

- Contact your Cloudera sales representative.
- Refer to the Welcome email for your Cloudera 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 Edge Flow Manager, see [System requirements for Edge Flow Manager](#).

Table 1: Standalone components (OS agnostic)

File	Location
Edge Flow Manager tar file	https://archive.cloudera.com/p/CEM/2.3.0.0/ubuntu20/apt/tars/efm/efm-2.3.0.0-55-bin.tar.gz
Edge Flow Manager zip file	https://archive.cloudera.com/p/CEM/2.3.0.0/ubuntu20/apt/tars/efm/efm-2.3.0.0-55-bin.zip
Edge Flow Manager Docker	<pre>docker login -u [***USERNAME***] -p [***PASSWORD***] container.repository.cloudera.com && docker pull container. repository.cloudera.com/cloudera/efm:2.3.0.0-55</pre>

Table 2: RHEL/CentOS 8

File	Location
Manifest	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat8/yum/tars/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat8/yum/tars/parcel/CEM-2.3.0.0-55-el8.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat8/yum/tars/parcel/CEM-2.3.0.0-55-el8.parcel.sha
CSD	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat8/yum/tars/parcel/EFM-2.3.0.0-55.jar

Table 3: RHEL 9

File	Location
Manifest	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat9/yum/tars/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat9/yum/tars/parcel/CEM-2.3.0.0-55-el9.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat9/yum/tars/parcel/CEM-2.3.0.0-55-el9.parcel.sha
CSD	https://archive.cloudera.com/p/CEM/2.3.0.0/redhat9/yum/tars/parcel/EFM-2.3.0.0-55.jar

Table 4: Ubuntu 20

File	Location
Manifest	https://archive.cloudera.com/p/CEM/2.3.0.0/ubuntu20/apt/tars/parcel/manifest.json
Parcel	https://archive.cloudera.com/p/CEM/2.3.0.0/ubuntu20/apt/tars/parcel/CEM-2.3.0.0-55-focal.parcel
Parcel sha file	https://archive.cloudera.com/p/CEM/2.3.0.0/ubuntu20/apt/tars/parcel/CEM-2.3.0.0-55-focal.parcel.sha

File	Location
CSD	https://archive.cloudera.com/p/CEM/2.3.0.0/ubuntu20/apt/tars/parcel/EFM-2.3.0.0-55.jar

Unsupported features

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

As of today, Edge Flow Manager is not compliant with the Federal Information Processing Standard (FIPS).

However, it can be deployed and executed in FIPS enabled environments using a FIPS security provider like Bouncy Castle FIPS Keystore (BCFKS).

Fixed issues

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

Fixed issues in Edge Flow Manager 2.3.0.0 include:

New caching mechanisms and performance tuning enhancements have been introduced to optimize operation monitoring.

Known issues

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

There are no known issues in Edge Flow Manager 2.3.0.0.