

## Cloudera Edge Management Release Notes

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## What's new in Cloudera Edge Management

Cloudera Edge Management is an edge management solution made up of edge agents and an edge management hub. It manages, controls and monitors edge agents to collect data from edge devices and push intelligence back to the edge.

Cloudera Edge Management 1.1.1 is a maintenance release that contains no new features.

## Unsupported Features

Some features exist within CEM 1.1.1, but Cloudera does not currently support these capabilities.

The technical preview or community driven features in CEM 1.1.1 includes:

Component	Feature
EFM Server, MiNiFi Agents	Using the CoAP protocol for MiNiFi agent and EFM server communication.

## Fixed Issues

Summary of fixed issues for this release.

Fixed issues in this release include:

- MiNiFi C++ ConsumeWindowsEventLog processor has been fixed
- MiNiFi C++ UUID generation has been improved to reduce likelihood of collisions
- MiNiFi C++ has been patched for various memory leaks, including one related to sending C2 heartbeats to EFM
- MiNiFi Java now honors the configured heartbeat interval
- Upgrading EFM from 1.0.0 now correctly migrates existing flows
- EFM now checks for valid NiFi Registry configuration on startup
- EFM now allows optional sensitive properties to be set to no value instead of forcing a sensitive parameter to be used
- EFM now correctly shows repository usage and capacity in the agent class details view when available
- EFM now displays device and network info in the Agent Detail About dialog box
- EFM now correctly applies flow parameters for existing agents
- The EFM flow designer canvas has been improved to more reliably and immediately update flow validation issues
- EFM has been fixed to prevent an issue that broke flow updates when using long flow parameter names
- Various other bug fixes and performance improvements

## Known Issues

Summary of known issues for this release.

Known issues in this release include:

- MiNiFi Java ExecuteProcess occasionally fails due to an IOException when reading the completed process status.
- MiNiFi Java GetFile processor does not honor the 'Ignore Hidden File' property under certain conditions
- The EFM web UI does always behave predictably when using the browser "back" navigation button. It is recommended to use the in-app navigation buttons until this is addressed.

- Recent versions of browsers, including Chrome and Firefox, blocks HTTP, HTTPS, and FTP access to TCP port 10080 to prevent the ports from being abused in NAT Slipstreaming 2.0 attacks.

Workaround: In case of an error message saying could not connect to server in the browser, you need to change the port being used by EFM. You can set a different value for the `efm.server.port` property in the `efm.properties` file. You need to restart EFM for the change to be effective. The change also needs to be reflected on the agents to ensure proper communication.