

Cloudera Edge Management 1.3.0

Cloudera Edge Management Release Notes

Date published: 2019-04-15

Date modified: 2021-10-18

CLOUDERA

<https://docs.cloudera.com/>

Legal Notice

© Cloudera Inc. 2024. All rights reserved.

The documentation is and contains Cloudera proprietary information protected by copyright and other intellectual property rights. No license under copyright or any other intellectual property right is granted herein.

Unless otherwise noted, scripts and sample code are licensed under the Apache License, Version 2.0.

Copyright information for Cloudera software may be found within the documentation accompanying each component in a particular release.

Cloudera software includes software from various open source or other third party projects, and may be released under the Apache Software License 2.0 (“ASLv2”), the Affero General Public License version 3 (AGPLv3), or other license terms. Other software included may be released under the terms of alternative open source licenses. Please review the license and notice files accompanying the software for additional licensing information.

Please visit the Cloudera software product page for more information on Cloudera software. For more information on Cloudera support services, please visit either the Support or Sales page. Feel free to contact us directly to discuss your specific needs.

Cloudera reserves the right to change any products at any time, and without notice. Cloudera assumes no responsibility nor liability arising from the use of products, except as expressly agreed to in writing by Cloudera.

Cloudera, Cloudera Altus, HUE, Impala, Cloudera Impala, and other Cloudera marks are registered or unregistered trademarks in the United States and other countries. All other trademarks are the property of their respective owners.

Disclaimer: EXCEPT AS EXPRESSLY PROVIDED IN A WRITTEN AGREEMENT WITH CLOUDERA, CLOUDERA DOES NOT MAKE NOR GIVE ANY REPRESENTATION, WARRANTY, NOR COVENANT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, IN CONNECTION WITH CLOUDERA TECHNOLOGY OR RELATED SUPPORT PROVIDED IN CONNECTION THEREWITH. CLOUDERA DOES NOT WARRANT THAT CLOUDERA PRODUCTS NOR SOFTWARE WILL OPERATE UNINTERRUPTED NOR THAT IT WILL BE FREE FROM DEFECTS NOR ERRORS, THAT IT WILL PROTECT YOUR DATA FROM LOSS, CORRUPTION NOR UNAVAILABILITY, NOR THAT IT WILL MEET ALL OF CUSTOMER’S BUSINESS REQUIREMENTS. WITHOUT LIMITING THE FOREGOING, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, CLOUDERA EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, QUALITY, NON-INFRINGEMENT, TITLE, AND FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION, WARRANTY, OR COVENANT BASED ON COURSE OF DEALING OR USAGE IN TRADE.

Contents

What's new in Cloudera Edge Management.....	4
Component support.....	5
CEM download locations.....	5
MiNiFi C++ agent updates.....	5
MiNiFi C++ download locations.....	8
Unsupported features.....	12
Fixed issues.....	12
Known issues.....	12

What's new in Cloudera Edge Management

Cloudera Edge Management (CEM) 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.

Cloudera Edge Management 1.3.0 is a feature release that contains performance improvements, bug fixes, and new features including:

- Support added for authentication and authorization management

You can now secure EFM by integrating with Single Sign On (SSO) identity providers for login and assign roles to users to control access to agent classes and authorized actions. For more information, see *Securing Cloudera Edge Management*.

- Support added for MariaDB

You can now use MariaDB as an external database for EFM. For more information on how to install and configure MariaDB for EFM, see *Installing and configuring MariaDB*.

- Support added for integrating Apache Kafka with EFM

EFM can now forward heartbeats to a defined Kafka topic. For more information on how to integrate EFM with Kafka, see *Integrating with Apache Kafka*.

- Starting with EFM 1.3.0, support for NiFi Registry integration is deprecated, and the NiFi Registry integration feature will be removed from the future versions of EFM.

NiFi Registry integration was originally supported for the following use cases:

- Designing flows outside of EFM
- Saving a backup copy of flows designed from EFM

However, both use cases are better supported without using NiFi Registry. Also, without using NiFi Registry, EFM gains the ability to import and export flows in many formats, which improves flow design portability.

For restoring flows from backups, EFM database backup option offers a better experience compared to NiFi Registry backup option. Because, when reading from NiFi Registry to EFM, key metadata is lost and cannot be fully recovered. For this reason, in order to accelerate the EFM roadmap and offer you the best capabilities and experience, Cloudera is deprecating and eventually removing the ability to write a copy of flows to NiFi Registry.

Starting with EFM 1.3.0, Cloudera recommends that if you have enabled NiFi Registry integration, then disable it by setting the `efm.nifi.registry.enabled` property to false, in the `efm.properties` file, so that upgrades to future versions become more seamless.

- Starting with CEM 1.3.0, EFM uses port 10090 by default as the previous default port 10080 is now blocked by most major web browsers as a security measure. For more information on the implications of this change when upgrading from older versions of EFM to version 1.3.0, see *Fixed Issues*.
- EFM and MiNiFi Java can now use Java 11.

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

Related Information

[Fixed Issues](#)

[Installing and configuring MariaDB](#)

[Integrating with Apache Kafka](#)

[Securing Cloudera Edge Management](#)

Component support

Learn about the components included in CEM 1.3.0.

CEM 1.3.0 includes the following components:

- EFM 1.3.0
- MiNiFi Java Agent 0.6.0
- MiNiFi C++ 0.7.0
- NiFi Registry 0.7.0

CEM download locations

Identify the Edge Flow Manager (EFM) and MiNiFi Java agent repository locations for your operating system and operational objectives.



Note: You must have credentials to download Cloudera Edge Management (CEM) 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 CEM, see *Support Matrix*.

Software	Location
EFM tar file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/efm-1.0.0.1.3.0.0-110-bin.tar.gz
EFM zip file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/efm-1.0.0.1.3.0.0-110-bin.zip
MiNiFi Java tar file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/minifi-0.6.0.1.3.0.0-110-bin.tar.gz
MiNiFi Java zip file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/minifi-0.6.0.1.3.0.0-110-bin.zip
MiNiFi Java MSI file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/minifi-1.3.0.0-110.msi
MiNiFi Toolkit tar file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/minifi-toolkit-0.6.0.1.3.0.0-110-bin.tar.gz
MiNiFi Toolkit zip file	https://archive.cloudera.com/p/CEM/1.x/1.3.0.0-110/minifi-toolkit-0.6.0.1.3.0.0-110-bin.zip

Related Information

[Support Matrix](#)

MiNiFi C++ agent updates

MiNiFi C++ agents have periodic software updates made available independent of the CEM releases.

This section lists major features and updates for the independent CEM MiNiFi C++ Agent release.

May 4, 2022

CEM MiNiFi C++ Agent - 1.22.04 release includes:

- Added support for the following processors:
 - ListFile (both Linux and Windows)
 - FetchFile (both Linux and Windows)
 - ProcFsMonitor (Linux only)
 - PutGCSObject (both Linux and Windows)
- Improved the stability of ListenSyslog, and added support for running it on Windows.
- When using the docker image, MiNiFi logs are now available from docker logs directly.
- Added support for updating properties through EFM (CEM 1.4+).
- The following issues are fixed:
 - [MINIFICPP-1788](#): MergeContent now flushes old bins on expiration even without additional inputs.
 - [MINIFICPP-1766](#): Fixed the bug that caused rollbacks when working with empty flowfiles.
 - [MINIFICPP-1802](#): Removed unnecessary AWS calls on startup.
 - [MINIFICPP-1773](#): Fixed the crash that could occur when using Provenance Repository in properties.
 - [MINIFICPP-1675](#): Fixed the possible crash that could occur with large regex inputs.
- Other small improvements and bug fixes.

March 22, 2022

CEM MiNiFi C++ Agent - 1.22.03 release includes:

- TailFile is now capable of collecting logs from Kubernetes
- Support added for KubernetesControllerService
- Support added for FetchAzureBlobStorage processor
- DefragmentText is now capable of handling multiple inputs simultaneously

February 4, 2022

CEM MiNiFi C++ Agent - 1.22.01 release includes:

- Added support for the following processors:
 - DeleteAzureBlobStorage
 - DeleteAzureDataLakeStorage
 - FetchAzureDataLakeStorage
 - ListAzureDataLakeStorage
 - PutSplunkHTTP
 - QuerySplunkIndexingStatus
 - PutUDP
- Added SASL/PLAIN mechanism support to Kafka processors
- Fixed MINIFICPP-1692 - TLSSocket hangs when no more data is available

November 12, 2021

CEM MiNiFi C++ Agent - 1.21.10 release includes:

- Dynamic loading of extensions
Extensions are loaded at startup. The MSI installer also provides options to select the ones you want to use.
- Added ReplaceText processor
- Added RouteText processor
- Added DefragmentText processor
- Improved Azure credential handling

- The release is available in docker image format as well

August 30, 2021

CEM MiNiFi C++ Agent - 1.21.08 release includes:

- AppendHostInfo is now supported on Windows
- Added AttributesToJson processor
- Added Funnels
- Common binary for all unix systems

July 23, 2021

CEM MiNiFi C++ Agent - 1.21.06 release includes:

- Agent's configuration fingerprinting. You can enable a property in the agent's configuration so that a fingerprint of its configuration and flow definition is added to the heartbeat. It can be used to detect local changes made to a single agent compared to other agents belonging to the same class.
- Repository encryption. You can enable encryption of the repositories used to persist the data being processed by the agents.
- Support dropped for Ubuntu 16 and Debian 9.
- Support added for Ubuntu 20 and Debian 10.

June 2, 2021

CEM MiNiFi C++ Agent - 1.21.04 release includes:

- Added PerformanceDataMonitor processor
- Added ConsumeJournald processor
- Added resource consumption data to heartbeat
- Added 32 bit version of Windows installer
- Fixed CVE-2021-33191

April 9, 2021

CEM MiNiFi C++ Agent - 1.21.03 release includes:

- Fix for PublishKafka processor to properly support expression language
- Rewrite and performance improvements for the SQL processors

March 8, 2021

CEM MiNiFi C++ Agent - 1.21.02 release includes:

- Fix for PublishKafka processor
- Outputting JSON data on one line in ConsumeWindowsEventLog processor

February 15, 2021

CEM MiNiFi C++ Agent - 1.21.01 release includes:

- Support for JSON output in the Consume Windows Even Log processor
- Full Expression Language support on Windows
- Full S3 support (List, Fetch, Get, Put)

December 16, 2020

CEM MiNiFi C++ Agent - 1.20.11 release includes:

- Optional integration with the Windows Certificate store to retrieve certificates to be used for the agent to EFM communication over HTTPS

For more information, see *Integrating with the Windows certificate store*.

- Optional capability to encrypt the flow definition when persisted on disk on the agent's host

For more information, see *Encrypt sensitive data*.

November 16, 2020

CEM MiNiFi C++ Agent - 1.20.10 release includes:

- PutS3 processor to support sending data into AWS S3
- Improvements on the ListenHTTP processor
- Adding SNI information into raw TCP information during TLS handshake
- Adding support for FlowFile v3 format in MergeContent processor to keep payload and flow file attributes when sending data using InvokeHTTP
- Adding support for :format() expression language function on Windows hosts

October 14, 2020

CEM MiNiFi C++ Agent - 1.20.09 release includes:

- The content repository now uses an implementation based on RocksDB
- Fix on the security events caused by the agent when running on Windows
- Improvement on the memory footprint of the agent
- You can encrypt the sensitive properties of the MiNiFi C++ agent's configuration

Related Information

[Install the C++ agent on Windows using the MSI](#)

[Using DefragmentText processor](#)

[Download the MiNiFi C++ agent image](#)

[Integrating with the Windows certificate store](#)

[Encrypt sensitive data](#)

MiNiFi C++ download locations

Identify the CEM MiNiFi C++ repository location for your operating system and operational objectives.



Note: You must have credentials to download CEM 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 MiNiFi C++ agents, see *System requirements for CEM*.

May 4, 2022 - CEM MiNiFi C++ Agent - 1.22.04

Operating System	Location
All Unix	https://archive.cloudera.com/p/CEM/1.22.04/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.04-bin-centos-b32.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/1.22.04/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.22.04-b31-x86.msi

Operating System	Location
Windows x64	https://archive.cloudera.com/p/CEM/1.22.04/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.22.04-b31-x64.msi

March 22, 2022 - CEM MiNiFi C++ Agent - 1.22.03

Operating System	Location
All Unix	https://archive.cloudera.com/p/CEM/1.22.03/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.03-bin-centos-b24.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/1.22.03/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.22.03-b24-x86.msi
Windows x64	https://archive.cloudera.com/p/CEM/1.22.03/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.22.03-b24-x64.msi

February 4, 2022 - CEM MiNiFi C++ Agent - 1.22.01

Operating System	Location
All Unix	https://archive.cloudera.com/p/CEM/1.22.01/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.01-bin-centos-b31.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/1.22.01/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.22.01-b31-x86.msi
Windows x64	https://archive.cloudera.com/p/CEM/1.22.01/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.22.01-b31-x64.msi

November 12, 2021 - CEM MiNiFi C++ Agent - 1.21.10

Operating System	Location
All Unix	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.21.10-bin-centos-b24.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.10-b24-x86.msi
Windows x64	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.10-b24-x64.msi

August 30, 2021 - CEM MiNiFi C++ Agent - 1.21.08

Operating System	Location
All Unix	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.21.08-b32-bin.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.08-b32-x86.msi
Windows x64	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.08-b32-x64.msi

July 23, 2021 - CEM MiNiFi C++ Agent - 1.21.06

Operating System	Location
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.21.06-bin-bionic-b25.tar.gz
Ubuntu 20	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.21.06-bin-focal-b25.tar.gz

Operating System	Location
Debian 10	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.21.06-bin-debian-b25.tar.gz
CentOS/RHEL 7 and 8	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.21.06-bin-centos-b25.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.06-b25-x86.msi
Windows x64	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.06-b25-x64.msi

June 2, 2021 - CEM MiNiFi C++ Agent - 1.21.04

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.21.04-32-bin.tar.gz
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.21.04-32-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.21.04-32-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.21.04-32-bin.tar.gz
Windows x86	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.04.0-32-x86.msi
Windows x64	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.04.0-32-x64.msi

April 9, 2021 - CEM MiNiFi C++ Agent - 1.21.03

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.21.03-16-bin.tar.gz
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.21.03-16-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.21.03-16-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.21.03-16-bin.tar.gz
Windows	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.03.0-16.msi

March 8, 2021 - CEM MiNiFi C++ Agent - 1.21.02

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.21.02-18-bin.tar.gz
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.21.02-18-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.21.02-18-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.21.02-18-bin.tar.gz

Operating System	Location
Windows	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.02.0-18.msi

February 15, 2021 - CEM MiNiFi C++ Agent - 1.21.01

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.21.01-19-bin.tar.gz
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.21.01-19-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.21.01-19-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.21.01-19-bin.tar.gz
Windows	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.21.01.0-17.msi

December 16, 2020 - CEM MiNiFi C++ Agent - 1.20.11

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.20.11-11-bin.tar.gz
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.20.11-11-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.20.11-11-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.20.11-11-bin.tar.gz
Windows	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.20.11.0-11.msi

November 16, 2020 - CEM MiNiFi C++ Agent - 1.20.10

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.20.10-13-bin.tar.gz
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.20.10-13-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.20.10-13-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.20.10-13-bin.tar.gz
Windows	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.20.10.0-13.msi

October 14, 2020 - CEM MiNiFi C++ Agent - 1.20.09

Operating System	Location
Ubuntu 16	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-xenial-1.20.09-4-bin.tar.gz

Operating System	Location
Ubuntu 18	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-bionic-1.20.09-4-bin.tar.gz
Debian 9	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-debian-1.20.09-4-bin.tar.gz
CentOS/RHEL 7	https://archive.cloudera.com/p/CEM/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-centos-1.20.09-4-bin.tar.gz
Windows	https://archive.cloudera.com/p/CEM/windows/msi/nifi-minifi-cpp/nifi-minifi-cpp-1.20.09.0-4.msi

Related Information

[System requirements for CEM](#)

Unsupported features

Some features exist within CEM 1.3.0, but Cloudera does not currently support these capabilities.

The technical preview or community driven features in CEM 1.3.0 includes:

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



Note: As of today, EFM and MiNiFi agents (both Java and C++) are 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:

- The EFM default port changed to 10090 (was 10080) to account for 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. Take care when upgrading to version 1.3 to decide what port you should use to access EFM.
- Fixed an issue that would create dynamic relationships for custom properties in UpdateAttribute for MiNiFi Java.
- Remote Process Groups can now be used with MiNiFi Java.
- Flow deployment progress in EFM are more accurate.
- Flow validation warnings in the flow designer now update reliably when changes are made to a flow.
- Fixed an issue rendering self-loop connections in the flow designer.

Known issues

Summary of known issues for this release.

Known issues in this release include:

- MiNiFi Java GetFile processor ignores Ignore Hidden File property.
- EFM repository usage views do not show data or can be inaccurate.

- Browser back navigation does not work in parts of the EFM web app.
- New MiNiFi Java agents occasionally do not download the current flow for an agent class when connecting to EFM for the first time.

Workaround: Re-publish the flow for an agent class after new MiNiFi Java agents are added to it. This can be accomplished by making a minute change in the current flow, such as moving a processor on the canvas in the Flow Designer, and then by selecting **Actions Publish Flow...** .