

Support Matrix 1.2.0

Cloudera Edge Management Support Matrix

Date published: 2020-06-22

Date modified: 2020-06-22

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

System Requirements.....	4
MiNiFi Java agent processor support.....	4
MiNiFi C++ agent processor support.....	6

System Requirements

Before you begin your installation, carefully review the system requirements to understand operating system, database, browser, and JDK support.

Components included in CEM 1.2.0

- EFM 1.2.0
- MiNiFi Java Agent 0.6.0
- MiNiFi C++ 0.7.0
- NiFi Registry 0.5.0

Operating System Support

Operating System	Version
RHEL/CentOS	7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8
Debian	9
Ubuntu	16.04, 18.04
Windows	8, 10, Server 2012, Server 2012 R2, Server 2016, Server 2019



Note: You may install MiNiFi C++ or Java Agents on Windows operating systems, but the EFM Server and NiFi Registry are not supported on Windows operating systems

JDK Support

JDK	Version
OpenJDK	JDK8
Oracle JDK	JDK8

Supported Databases

Database	Version
PostgreSQL	9.6
MySQL	5.6, 5.7

Browser Support

Browser	Version
Chrome	>=76.0 (latest version 80.0 at time of release)
Firefox	>=68.0 (latest version 72.0 at time of release)

MiNiFi Java agent processor support

MiNiFi Java Agent supports the following processors.

- AttributesToJson
- Base64EncodeContent

- CompressContent
- ControlRate
- ConvertCharacterSet
- DuplicateFlowFile
- EncryptContent
- EvaluateJsonPath
- EvaluateRegularExpression
- EvaluateXPath
- EvaluateXQuery
- ExecuteProcess
- ExecuteStreamCommand
- ExtractText
- FetchFile
- FetchSFTP
- GenerateFlowFile
- GetFTP
- GetFile
- GetHTTP
- GetJMSQueue
- GetJMSTopic
- GetSFTP
- HashAttribute
- HashContent
- IdentifyMimeType
- InvokeHTTP
- ListFile
- ListSFTP
- ListenHTTP
- ListenRELP
- ListenSyslog
- ListenTCP
- ListenUDP
- LogAttribute
- MergeContent
- ModifyBytes
- MonitorActivity
- ParseSyslog
- PostHTTP
- PutEmail
- PutFTP
- PutFile
- PutJMS
- PutSFTP
- PutSyslog
- ReplaceText
- ReplaceTextWithMapping
- RouteOnAttribute
- RouteOnContent
- RouteText
- ScanAttribute

- ScanContent
- SegmentContent
- SplitContent
- SplitJson
- SplitText
- SplitXml
- TailFile
- TransformXml
- UnpackContent
- UpdateAttribute
- ValidateXml

MiNiFi C++ agent processor support

MiNiFi C++ provides the following processors. The majority are supported processors, while some are community driven. Community driven processors are available for your use, but we do not recommend that you use them in production environments.

Processors	Supported/Unsupported	Supported on Windows	Included in the default CEM Windows build
AppendHostInfo	Supported	Yes (hostname only)	Yes
ApplyTemplate	Supported	No	No
BinFiles	Supported	Yes	Yes
CapturePacket	Supported	No	No
CaptureRTSPFrame	Unsupported	No	No
CompressContent	Supported	Yes	Yes
ConsumeMQTT	Supported	No	No
ConsumeWindowsEventLog	Supported (only on Windows)	Yes	Yes
ConvertHeartBeat	Supported	No	No
ConvertJSONAck	Supported	No	No
ConvertUpdate	Supported	No	No
ExecuteProcess	Supported	No	No
ExecutePythonProcessor	Unsupported	No	No
ExecuteSQL	Supported	Yes	No
ExecuteScript	Supported	No	No
ExtractText	Supported	Yes	Yes
FetchOPC	Supported	Yes	No
FetchSFTP	Supported	Yes	No
FocusArchiveEntry	Supported	Yes	Yes
GenerateFlowFile	Supported	Yes	Yes
GetFile	Supported	Yes	Yes
GetGPS	Unsupported	No	No
GetTCP	Supported	No	Yes
GetUSBCamera	Unsupported	No	No

Processors	Supported/Unsupported	Supported on Windows	Included in the default CEM Windows build
HashContent	Supported	Yes	Yes
InvokeHTTP	Supported	Yes	Yes
ListSFTP	Supported	Yes	No
ListenHTTP	Supported	Yes	Yes
ListenSyslog	Supported	No	No
LogAttribute	Supported	Yes	Yes
ManipulateArchive	Supported	Yes	Yes
MergeContent	Supported	Yes	Yes
PublishKafka	Supported	Yes	Yes
PublishMQTT	Supported	No	No
PutFile	Supported	Yes	Yes
PutOPC	Supported	Yes	No
PutSFTP	Supported	Yes	No
PutSQL	Supported	Yes	No
QueryDatabaseTable	Supported	Yes	No
RouteOnAttribute	Supported	Yes	Yes
TailFile	Supported	Yes	Yes
TFApplyGraph	Unsupported	No	No
TFConvertImageToTensor	Unsupported	No	No
TFExtractTopLabels	Unsupported	No	No
UnfocusArchiveEntry	Supported	Yes	Yes
UpdateAttribute	Supported	Yes	Yes