

Cloudera Edge Management Support Matrix

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System requirements for EFM and NiFi Registry

Before you begin your installation of Cloudera Edge Management (CEM) software, carefully review the system requirements for Edge Flow Manager (EFM) and NiFi Registry to understand operating system, database, browser, and JDK support.

Operating system support

Operating System	Version
RHEL/CentOS	7.x, 8.2, 8.4
Debian	9
Ubuntu	16.04, 18.04

JDK support

JDK	Version
OpenJDK	JDK8, JDK11
Oracle JDK	JDK8, JDK11

Supported databases

Database	Version
PostgreSQL	9.x (x >= 6), 10.x, 11.x, 12.x
MySQL	5.6, 5.7, 8.0
MariaDB	10.2, 10.3, 10.4, 10.5, 10.6

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)

Other support

Package	Version
Stunnel	5.x

System requirements for MiNiFi Java

Before you begin your installation of Cloudera Edge Management (CEM) software, carefully review the system requirements for MiNiFi Java to understand operating system and JDK support.

Operating system support

Operating System	Version
RHEL/CentOS	7.x, 8.x

Operating System	Version
Debian	9
Ubuntu	16.04, 18.04
Windows	8, 10, Server 2012, Server 2012 R2, Server 2016, Server 2019

JDK support

JDK	Version
OpenJDK	JDK8, JDK11
Oracle JDK	JDK8, JDK11

System requirements for MiNiFi C++

Before you begin your installation of Cloudera Edge Management (CEM) software, carefully review the system requirements for MiNiFi C++.

Operating system support (CEM MiNiFi C++ Agent 1.21.10 and above releases)

Operating System	Version
RHEL/CentOS	7.x, 8.x
Debian	10, 11
Ubuntu	18.04, 20.04
Windows	8, 10, Server 2012, Server 2012 R2, Server 2016, Server 2019

Operating system support (CEM MiNiFi C++ Agent 1.21.06 and 1.21.08 releases)

Operating System	Version
RHEL/CentOS	7.x, 8.x
Debian	10
Ubuntu	18.04, 20.04
Windows	8, 10, Server 2012, Server 2012 R2, Server 2016, Server 2019

Operating system support (releases before CEM MiNiFi C++ Agent 1.21.06)

Operating System	Version
RHEL/CentOS	7.x, 8.x
Debian	9
Ubuntu	16.04, 18.04
Windows	8, 10, Server 2012, Server 2012 R2, Server 2016, Server 2019

MiNiFi Java agent processor support

Learn the processors which MiNiFi Java agent supports.

- `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

Learn the processors which MiNiFi C++ agent supports.

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	Yes
ApplyTemplate	Supported	No	No
AttributesToJSON	Supported	Yes	Yes
BinFiles	Supported	Yes	Yes
CapturePacket	Supported	No	No
CaptureRTSPFrame	Unsupported	No	No
CompressContent	Supported	Yes	Yes
ConsumeJournalId	Supported	No	No
ConsumeKafka	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
DefragmentText	Supported	Yes	Yes
DeleteAzureBlobStorage	Supported	Yes	No
DeleteAzureDataLakeStorage	Supported	Yes	No
DeleteS3Object	Supported	Yes	No
ExecuteProcess	Supported	No	No
ExecutePythonProcessor	Unsupported	No	No
ExecuteSQL	Supported	Yes	No
ExecuteScript	Supported	No	No
ExtractText	Supported	Yes	Yes

Processors	Supported/Unsupported	Supported on Windows	Included in the default CEM Windows build
FetchAzureBlobStorage	Supported	Yes	No
FetchAzureDataLakeStorage	Supported	Yes	No
FetchFile	Supported	Yes	Yes
FetchOPCProcessor	Supported	Yes	No
FetchS3Object	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
HashContent	Supported	Yes	Yes
InvokeHTTP	Supported	Yes	Yes
ListAzureDataLakeStorage	Supported	Yes	No
ListFile	Supported	Yes	Yes
ListS3	Supported	Yes	No
ListSFTP	Supported	Yes	No
ListenHTTP	Supported	Yes	Yes
ListenSyslog	Supported	Yes	Yes
LogAttribute	Supported	Yes	Yes
ManipulateArchive	Supported	Yes	Yes
MergeContent	Supported	Yes	Yes
PerformanceDataMonitor	Supported (only on Windows)	Yes	Yes
ProcFsMonitor	Supported	No	No
PublishKafka	Supported	Yes	Yes
PublishMQTT	Supported	No	No
PutAzureBlobStorage	Supported	Yes	No
PutAzureDataLakeStorage	Supported	Yes	No
PutFile	Supported	Yes	Yes
PutGCSObject	Supported	Yes	Yes
PutOPCProcessor	Supported	Yes	No
PutS3Object	Supported	Yes	No
PutSFTP	Supported	Yes	No
PutSplunkHTTP	Supported	Yes	No
PutSQL	Supported	Yes	No
PutUDP	Supported	Yes	Yes
QueryDatabaseTable	Supported	Yes	No
QuerySplunkIndexingStatus	Supported	Yes	No

Processors	Supported/Unsupported	Supported on Windows	Included in the default CEM Windows build
ReplaceText	Supported	Yes	Yes
RetryFlowFile	Supported	Yes	Yes
RouteOnAttribute	Supported	Yes	Yes
RouteText	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