

Release Notes for MiNiFi Java Agent

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MiNiFi Java Agent updates

MiNiFi Java Agents have periodic software updates made available independent of the EFM releases.



Note: As of today, MiNiFi Java Agent is not FIPS compliant. Support for FIPS compliant cryptographic libraries will be added in the future.

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

October 12, 2022

CEM MiNiFi Java Agent - 1.22.10 release includes:

- Lightweight heartbeat support

This reduces the payload size of the heartbeat and the agent sends the full agent manifest only if a change is detected. The functionality can be enabled with the `c2.full.heartbeat=false` property in the `bootstrap.conf` file.

- Debug support through C2 protocol

Debug bundles can be requested from EFM Agent Manager for the given agent. For more details, see *Debug agent in CEM*.

- GZip C2 requests

Using GZipped requests can be beneficial to prevent network saturation. To enable it, set the `c2.request.compresson=gzip` property in the `bootstrap.conf` file.

- Docker images released for multiple platforms (x86, ARM)
- The following issues are fixed:
 - Missing required controller services for several processors
 - Fixed agent information values when running agent on Windows

July 28, 2022

CEM MiNiFi Java Agent - 1.22.07 release includes:

- Initial release of the new MiNiFi Java Agent based on the latest version of NiFi (1.16.3).
- Includes heartbeat and update/configuration support over the C2 protocol.

Related Information

[Debug agent in CEM](#)

MiNiFi Java Agent download locations

Review the CEM MiNiFi Java repository locations and identify what you need 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 Java Agents, see *System requirements for MiNiFi Java*.

April 18, 2023 - CEM MiNiFi Java Agent - 1.23.04

Software	Location
MiNiFi zip	https://archive.cloudera.com/p/cem-agents-java/1.23.04/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.23.04-b15-bin.zip
MiNiFi tar.gz	https://archive.cloudera.com/p/cem-agents-java/1.23.04/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.23.04-b15-bin.tar.gz
MiNiFi MSI	https://archive.cloudera.com/p/cem-agents-java/1.23.04/windows/msi/minifi-1.23.04-b15.msi
MiNiFi Docker	<pre>docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo. cloudera.com/cloudera/nifi-minifi-java:1.23.04-b15</pre>

February 15, 2023 - CEM MiNiFi Java Agent - 1.23.02

Software	Location
MiNiFi zip	https://archive.cloudera.com/p/cem-agents-java/1.23.02/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.23.02-b85-bin.zip
MiNiFi tar.gz	https://archive.cloudera.com/p/cem-agents-java/1.23.02/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.23.02-b85-bin.tar.gz
MiNiFi MSI	https://archive.cloudera.com/p/cem-agents-java/1.23.02/windows/msi/minifi-1.23.02-b85.msi
MiNiFi Docker	<pre>docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && doc ker pull container.repo.cloudera.com /cloudera/nifi-minifi-java:1.23.02-b 85</pre>

October 12, 2022 - CEM MiNiFi Java Agent - 1.22.10

Software	Location
MiNiFi zip	https://archive.cloudera.com/p/cem-agents-java/1.22.10/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.22.10-b16-bin.zip
MiNiFi tar.gz	https://archive.cloudera.com/p/cem-agents-java/1.22.10/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.22.10-b16-bin.tar.gz
MiNiFi MSI	https://archive.cloudera.com/p/cem-agents-java/1.22.10/windows/msi/minifi-1.22.10-b16.msi
MiNiFi Docker	<pre>docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && doc ker pull container.repo.cloudera.com /cloudera/nifi-minifi-java:1.22.10-b 16</pre>

July 28, 2022 - CEM MiNiFi Java Agent - 1.22.07

Software	Location
MiNiFi zip	https://archive.cloudera.com/p/cem-agents-java/1.22.07/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.22.07-b37-bin.zip

Software	Location
MiNiFi tar.gz	https://archive.cloudera.com/p/cem-agents-java/1.22.07/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.22.07-b37-bin.tar.gz
MiNiFi MSI	https://archive.cloudera.com/p/cem-agents-java/1.22.07/windows/msi/minifi-1.22.07-b37.msi

Related Information

[System requirements for MiNiFi Java](#)

MiNiFi Java Agent processor support

Review the list of processors supported by MiNiFi Java Agents.

- AttributesToCSV
- AttributesToJSON
- Base64EncodeContent
- CalculateRecordStats
- CompressContent
- ControlRate
- ConvertCharacterSet
- ConvertJSONToSQL
- ConvertRecord
- CountText
- CryptographicHashAttribute
- CryptographicHashContent
- DebugFlow
- DeduplicateRecord
- DetectDuplicate
- DistributeLoad
- DuplicateFlowFile
- EncryptContent
- EnforceOrder
- EvaluateJsonPath
- EvaluateXPath
- EvaluateXQuery
- ExecuteProcess
- ExecuteSQL
- ExecuteSQLRecord
- ExecuteStreamCommand
- ExtractGrok
- ExtractText
- FetchDistributedMapCache
- FetchFile
- FetchFTP
- FetchSFTP
- FlattenJson
- ForkEnrichment
- ForkRecord
- GenerateFlowFile

- GenerateTableFetch
- GetFile
- GetFTP
- GetHTTP
- GetJMSQueue
- GetJMSTopic
- GetSFTP
- HandleHttpRequest
- HandleHttpResponse
- HashAttribute
- HashContent
- IdentifyMimeType
- InvokeHTTP
- JoinEnrichment
- JoltTransformJSON
- ListDatabaseTables
- ListenFTP
- ListenHTTP
- ListenRELP
- ListenSyslog
- ListenTCP
- ListenTCPRecord
- ListenUDP
- ListenUDPRecord
- ListFile
- ListFTP
- ListSFTP
- LogAttribute
- LogMessage
- LookupAttribute
- LookupRecord
- MergeContent
- MergeRecord
- ModifyBytes
- MonitorActivity
- Notify
- ParseCEF
- ParseSyslog
- ParseSyslog5424
- PartitionRecord
- PostHTTP
- PutDatabaseRecord
- PutDistributedMapCache
- PutEmail
- PutFile
- PutFTP
- PutJMS
- PutRecord
- PutSFTP
- PutSQL

- PutSyslog
- PutTCP
- PutUDP
- QueryDatabaseTable
- QueryDatabaseTableRecord
- QueryRecord
- ReplaceText
- ReplaceTextWithMapping
- RetryFlowFile
- RouteOnAttribute
- RouteOnContent
- RouteText
- SampleRecord
- ScanAttribute
- ScanContent
- SegmentContent
- SplitContent
- SplitJson
- SplitRecord
- SplitText
- SplitXml
- TailFile
- TransformXml
- UnpackContent
- UpdateAttribute
- UpdateCounter
- UpdateRecord
- ValidateCsv
- ValidateRecord
- ValidateXml
- Wait

Fixed issues for MiNiFi Java Agent

Summary of fixed issues for CEM MiNiFi Java Agent - 1.22.10.

Fixed issues in this release include:

- Missing required controller services for several processors
- Fixed agent information values when running agent on Windows

Known issues for MiNiFi Java Agent

Summary of known issues with Legacy MiNiFi Java agents in version 0.6.0.1.3.1.0 or lower.

- MiNiFi Java GetFile processor ignores Ignore Hidden File property.

- Newly joined MiNiFi Java agents occasionally do not download the current flow for an agent class when connecting to EFM for the first time.

Workaround: Republish the flow for an agent class after new MiNiFi Java agents are added to it. To accomplish this:

1. Make a minute change in the current flow, such as moving a processor on the canvas in the Flow Designer.
2. Select Actions Publish Flow... .