

CEM MiNiFi Java Agent 1.23.02

Release Notes for MiNiFi Java Agent

Date published: 2022-07-28

Date modified: 2023-03-30

The Cloudera logo is displayed in a bold, orange, sans-serif font. The word "CLOUDERA" is written in all caps, with the letter "E" stylized as three horizontal bars.

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MiNiFi Java agent updates

MiNiFi Java agents has 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.

March 30, 2023

CEM MiNiFi Java Agent - 1.23.02.1000 service pack includes the same features as the 1.23.02 release and a fix for the Too many open files error introduced in 1.23.02, which is caused by non-closed files in the heartbeat request.

February 15, 2023

CEM MiNiFi Java Agent - 1.23.02 release includes:

- Property update command with the C2 protocol

Implemented the UPDATE/PROPERTIES command. This command allows agents to update bootstrap properties using the C2 protocol. For more information, see [Agent details in CEM](#).

- Pushing assets to agents with the C2 protocol

Implemented the UPDATE/ASSET command. This command allows agents to download artifacts into the specified assets directory as per instructed by the C2 server. For more information, see [Using Asset Push command](#).

- Using change ingestors for configuration updates is no longer necessary.
- The following issues are fixed:
 - Hanging bootstrap commands when executing large flows.
 - Debug command fails on windows due to malformed input.
 - Many additional small improvements and stability fixes.

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.compression=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.

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 on the [Cloudera support portal](#).

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>

March 30, 2023 - CEM MiNiFi Java Agent - 1.23.02.1000

Software	Location
MiNiFi zip	https://archive.cloudera.com/p/cem-agents-java/1.23.02.1000/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.23.02.1000-2-bin.zip
MiNiFi tar.gz	https://archive.cloudera.com/p/cem-agents-java/1.23.02.1000/ubuntu18/apt/tars/nifi-minifi-java/minifi-1.23.02.1000-2-bin.tar.gz
MiNiFi MSI	https://archive.cloudera.com/p/cem-agents-java/1.23.02.1000/windows/msi/minifi-1.23.02.1000-2.msi
MiNiFi Docker	<pre>docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo. cloudera.com && docker pull containe r.repo.cloudera.com/cloudera/nifi-mi nifi-java:1.23.02.1000-2</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 && docker pull container.repo.cloudera.com/cloudera/nifi-minifi-java:1.22.10-b16</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
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 the following releases.

Fixed issue in CEM MiNiFi Java Agent - 1.23.02.1000:

- [NIFI-11332](#): Too many open files error.

Fixed issues in CEM MiNiFi Java Agent - 1.23.02:

- Hanging bootstrap commands when executing large flows.
- Debug command fails on windows due to malformed input.
- Many additional small improvements and stability fixes.

Known issues for MiNiFi Java Agent

Summary of known issues for CEM MiNiFi Java Agent 1.23.02.1000.

There are no known issues in the CEM MiNiFi Java Agent 1.23.02.1000 service pack release.