CEM MiNiFi C++ Agent 1.25.05

Release Notes for MiNiFi C++ Agent

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MiNiFi C++ Agent updates and fixed issues

MiNiFi C++ Agents have periodic software updates made available independent of the releases. This section lists major features and updates for the independent MiNiFi C++ Agent release.

Note: MiNiFi C++ Agent can be configured for FIPS compliance starting with version 1.25.03. While FIPS compliant cryptographic libraries are included, they are not loaded by default until the MiNiFi C++ Agent is configured to do so.

July 21, 2025

The MiNiFi C++ Agent - 1.25.05-h1 release fixes a bug where repeated evaluation of Expression Language expressions did not work.

June 16, 2025

MiNiFi C++ Agent - 1.25.05 release includes:

New features and updates:

- Various changes have been made around property parsing (see also breaking changes for more information).
- Internal buffer sizes are now uniform and configurable where possible.
- Fixed various issues and added missing functionality to OPC processors.
  - Namespace index is now considered when using the Path node id type, instead of defaulting to 0.
  - Added Path reference types property to OPC processors to specify node reference types when using the Path node id type. Otherwise the Organized reference type is used by default.
  - Introduced Create node reference type property to PutOPCProcessor for specifying reference types when creating a new node. If not specified, then the HasComponent reference type property is used by default. (Previously the Organized reference type was used in all cases.)
  - Enhanced Trusted server certificate path property to support multiple certificates as a comma-separated list.
  - Fixed Full path attribute output in FetchOPC processor (missing '/' character between base path and node browse name)
  - TargetNodeID and TargetNodeIDType are now mandatory in PutOPC Processor. No default target node is created if no target node properties are specified.
  - Upgraded OPC-UA library to version 1.4.10.
- Added option to reload parameter contexts from parameter providers on restart.
- Added state manager support to the NiFi 2.x-compatible Python scripting API.
- Simplified and improved VolatileContentRepository.
- Enhanced error handling when enabling controller services.
- Added "late offset commit" mode to ConsumeKafka for improved flow control. It allows users to commit Kafka offsets only after all downstream processing in MiNiFi is complete. This can be achieved by routing processed FlowFiles back to the ConsumeKafka processor.
- Added "processorBulletins" metric node to the C2 metric class FlowInformation.

Added support for the following processors:

- PutKinesisStream: Sends data to Amazon Kinesis.
- RunLlamaCppInference [Technical Preview]: Allows running llama.cpp compatible GGUF ML models for AI Inference (available in the extra extensions package).

Breaking changes:

- All set properties now undergo validation during configuration parsing. Minifi rejects configurations failing validation.
- Renamed JsonRecordSetReader to JsonTreeReader to align with NiFi standards.

April 4, 2025

MiNiFi C++ Agent - 1.25.03 release includes:

New features and updates:

- The Docker image now uses a Chainguard base image for improved security and stability.
- The InvokeHTTP processor's Remote URL now supports Expression Language.
- Added 'processorStatuses' metrics to the C2 heartbeat for better monitoring.
- Upgraded libcurl to version 8.11.1.
- Added support for parameter context inheritance.
- Added support for parameter providers.
- Funnels can now be used as terminators, similar to NiFi.
- Added optional support for FIPS compliance.
- Upgraded expected-lite to version 0.8.
- Refactoring efforts: Cloudera has started a major refactoring initiative, which may have unintended effects. Extensive testing was conducted before release, but if you encounter any new issues after upgrading, report them to Cloudera Support.

No new processors were added in this release.

Fixed issues:

- Fixed MergeContent's thread safety issue by restricting it to a single thread.
- Removed duplicate metrics from the C2 heartbeat.
- Removed unnecessary error logging when loading Python helper files.
- The Python library loader can now load libpython3.6m.so.
- Flow updates no longer fail if the MiNiFi flow (FlowController) is not running.
- InvokeHTTP now sanitizes special characters in FlowFile attributes before sending them as HTTP headers.

December 13, 2024

MiNiFi C++ Agent - 1.24.12 release includes:

New features and updates:

- Core,rocksdb: changed default logging settings
- Updated librdkafka and add lz4, zstd support
- Added SSL and mTLS authentication support to CouchbaseClusterService
- Upgraded GRPC and Abseil libs
- Made RocksDB verify_checksums read option configurable
- Finding libpython corresponding to the configured python3 binary on linux
- Sending reason for rejecting flow update
- Grouping metrics in Prometheus metric families by name
- Added support for RecordTransform NiFi python processors
- Added support for parameters in controller services
- Added support for process group level controller services
- Upgraded OpenSSL to 3.3.2
- Added yield function support to python API
- Including the Python processor version in the manifest
- Including allowable_values in the manifest for python processors
- Upgraded aws-sdk-cpp from 1.11.219 to 1.11.396
- Restricted failure and original python relationship usage
- Allowing NiFi Python Source processor triggering without creating flow files
- Allowing relative import paths in (NiFi) python processors
- Copying contents instead of using a shared view when cloning flow files

- Added C2 server base URL field
- Added attributes to original flow file on failed transform in python
- Installing all Python dependencies at once

Added support for the following processors:

- SplitContent
- SegmentContent
- SplitRecord
- PutCouchbaseKey
- GetCouchbaseKey

Fixed issues:

- Fixed an issue where C2 flow updates did not correctly handle parameter contexts.
- Resolved an issue in TailFile where data following the last delimiter was not processed.
- Fixed a Python-related issue by ensuring PyException is properly destroyed while holding the Global Interpreter Lock (GIL).
- Fixed memory leak issues in the libarchive component.
- Corrected the installation scope in the MSI installer to ensure it is set to "per machine".

July 30, 2024

MiNiFi C++ Agent - 1.24.05 release includes:

New features and improvements:

- Packages for ARM64 Linux are now available in addition to x86_64
- Resource synchronization through C2 has been enabled
- Introduced agent-side sensitive and non-sensitive parameter support (not yet supported by)
- Added an option for non-sync writes in RocksDB content repository
- Added SSLContextService support for NiFi Python processors
- Improved the throughput of Event Driven processors
- GetFile's Directory property now evaluates expression language
- Upgraded the Docker base image to Alpine Linux 3.19.1
- OpenSSL and cURL extensions have been moved to minifi-core
- Improved error handling in Python processors

Fixed issues:

- Fixed issues with auto-terminated relationships in Python scripting
- Fixed issues with the AttributesToLog and AttributesToIgnore properties in LogAttribute
- The minifi.sh script now exits early on encountering an error
- ExecuteScript with Lua now works without requiring an onTrigger function
- Python processors now prioritize virtualenv packages over system packages

Breaking changes:

- Moved from Quartz to Spring Cron Syntax, in line with NiFi
  - Configuration change is needed if the day of the week was set numerically: previously 1(SUN)-7(SAT) -> now 0(SUN)-7(SUN)
  - Cloudera recommends using Mon-Sun word abbreviations instead of numbers to specify the day of the week
- Moved ExecuteProcess from standard-processors to a separate extension, which is now included in the Linux extra-extensions package

April 30, 2024

CEM MiNiFi C++ Agent - 1.24.04 release includes:

New features and changes:

- Added partial support for NiFi native Python extensions (introduced in Apache NiFi 2.0.0-M1).
- Added PushGrafanaLokiREST / PushGrafanaLokiGrpc support on Windows.
- Improved ListenTCP delimiter support.
- Enabled autostart of MiNiFi service after installation on Windows (configurable).
- Enhanced encryption of sensitve properties in config.yml, now supporting changing the encryption key.
- Made RocksDB options configurable.
- Reduced the number of persisted RocksDB log files from 1000 to 5 (configurable).
- Lua interpreter is now statically linked to the Lua scripting extension and does not require or use the Lua installation of the system.

Fixed issues:

- Corrupted and unrecoverable flowfiles are filtered out on startup (configurable).
- Fixed a bug that could cause excessive disk I/O with MergeContent.

Breaking changes:

- Dropped support for disabling peer verification in InvokeHTTP.

April 4, 2024

The CEM MiNiFi C++ Agent - 1.24.01-h1 release fixes a bug that could cause excessive disk I/O with MergeContent.

The CEM MiNiFi C++ Agent - 1.23.09-h1 release fixes a bug that could cause excessive disk I/O with MergeContent.

February 5, 2024

CEM MiNiFi C++ Agent - 1.24.01 release includes:

Added support for the following processors:

- AttributeRollingWindow
- SplitText
- PushGrafanaLokiREST
- PushGrafanaLokiGrpc
- JoltTransformJSON

New features and changes:

- Using "administrative yield duration" for onSchedule retry interval for consistency with NiFi (the previous dedicated setting was "onSchedule retry interval").
- Moved to using Visual Studio 2022 to compile on Windows.
- Introduced network speed limit options to InvokeHTTP.
- Added debug command to MiNiFi Controller, similar to the C2 debug command.
- Updated AWS SDK and expanded support to new regions: ap-south-2, eu-central-2, and eu-south-2.
- Included markdown docs in the released binary packages.
- Sensitive processor and controller service properties are now stored encrypted in config.yml.
- GenerateFlowFile now reevaluates EL expressions in 'Custom Text' for each batch.

Fixed issues:

- Resolved issue with DefragmentText issue.
- Fixed memory leak of logger objects under various circumstances.
- Fixed issue with site-to-site issue, where a reply of TRANSACTION_FINISHED_BUT_DESTINATION_FULL, occurring when the destination connection had reached its backpressure threshold, was incorrectly treated as an error. This led to unnecessary data retransmission (retry) despite the successful transfer.

September 29, 2023

CEM MiNiFi C++ Agent - 1.23.09 release includes:

Added support for the following processors:

- PutSmb
- FetchSmb
- ListSmb

New features and changes:

- TLS 1.3 support
- TLS support for Prometheus Reporter
- Multipart upload support for PutS3Object
- Switched to systemd service management on Linux (from init script)
- GetTCP processor reworked
- MiNiFi Controller added to the docker image
- Maximum log entry length is now configurable via the 'max.log.entry.length' log property
- Properties can now be overridden by minifi command line arguments
- New System Load Avg field in C2 (EFM 2.0+) and Prometheus metrics
- Added missing System/Security/UserId to ConsumeWindowsEventLog JSON output
- Added RocksDB stats to Repository metrics
- Support for metrics in the application logs

Breaking changes:

- GetTCP has been reworked, many of its properties are changed

Fixed issues:

- Fixed MergeContent error handling issues
- Fixed failing PutS3Object on Windows
- Fixed C2 debug command (previously could return outdated logs)
- Fixed the system certificate store in SSLContextService (linux)
- Timer driven processors will now properly wait for next scheduled time after yielding
- MINIFI_HOME is now protected from mutual access

September 4, 2023

The CEM MiNiFi C++ Agent - 1.23.06-h1 release fixes the security vulnerability CVE-2023-41180 related to incorrect certificate validation in the InvokeHTTP processor.

The CEM MiNiFi C++ Agent - 1.23.04-h2 release fixes the security vulnerability CVE-2023-41180 related to incorrect certificate validation in the InvokeHTTP processor.

The CEM MiNiFi C++ Agent - 1.23.02-h2 release fixes the security vulnerability CVE-2023-41180 related to incorrect certificate validation in the InvokeHTTP processor.

June 23, 2023

CEM MiNiFi C++ Agent - 1.23.06 release includes:

New features:

- ConsumeWindowsEventLog is now capable of reading Windows events from log files.
- Repository size metrics are now reported for every type of repository.

Fixed issues and improvements:

- Fixed premature wake-up of event-driven scheduled processors.
- Fixed MiNiFi controller crash during flow update.

- Cron-driven scheduling is no longer dependent on en_US.UTF-8 locale.
- Improved error messages related to RouteOnAttribute and ExpressionLanguage.
- Improved error messages related to configuration parsing.

April 28, 2023

CEM MiNiFi C++ Agent - 1.23.04 release includes:

Added support for the following processors:

- FetchOPCProcessor
- PutOPCProcessor

Updates:

- Start shipping prometheus extension for metrics export
- EL toDate can now parse RFC3339 dates
- Mapped StateManager to python and lua scripting to make stateful scripted processors possible
- Added 'Use Path Style Access' property to PutS3Object
- ConsumeWindowsEventLog: When mapping to flattened JSON, EventData subobjects are now prefixed with their path, and are no longer duplicated in the output

Breaking changes:

- ConsumeWindowsEventLog now fails on startup when the Output Format or JSON Format properties are invalid, instead of silently doing nothing.

Fixed issues:

- Fixed machineArch casing in the C2 protocol system info

April 4, 2023

CEM MiNiFi C++ Agent - 1.23.02-h1 restored compatibility with EFM 1.4.x (broken in 1.23.02).

Fixed issues:

Fixed an issue where using the time period format for specifying the heartbeat interval in minifi.properties resulted in EFM exceptions, and diminised agent management capabilities from EFM.

March 9, 2023

CEM MiNiFi C++ Agent - 1.23.02 release includes:

Added support for the following processors:

- ListenUDP
- PublishMQTT
- ConsumeMQTT

Updates:

- Python scripting can now work with multiple python minor versions.
- Added support for multiple process groups.
- Decreased the default C2 heartbeat frequency to once every 30 seconds.
- Optimized memory usage in some high flow file count scenarios.
- Added ProcessSession::remove to the Python scripting API.
- Increased the default flow controller thread count (nifi.flow.engine.threads) to 5.
- Improved error message on unsupported algorithms in HashContent.
- ConsumeWindowsEventLog Identifier regexes are now precompiled in onSchedule.
- Added the component UUID to the end of processor and controller service log lines.
- Processor metrics configuration now supports regex matching, e.g. processorMetrics/Get.*Metrics.

- Added support for new AWS regions: ap-southeast-3, me-central-1, us-iso-east-1, us-isob-east-1, us-iso-west-1.
- Added session commit time metrics.
- Improved error messages when minifi is unable to start.
- Added a check that prevents running when volatile and persistent repositories are combined.
- Listing processors are now enforced to run on a single thread. Previously you could configure them to run on multiple threads, but this could cause invalid output, while not improving performance.
- Added caching of SID lookups in ConsumeWindowsEventLog. Cache entries are invalidated after 24 hours, on restart and on C2 flow updates.
- Flow file reloading from the repository on startup is now done before starting flow execution. This eliminates the need for the flow file checkpoint.
- Added automatic cleanup of orphaned content repository entries on startup as a safety measure.
- Added default connection size limits of 2000 flow files or 100 MB. This does not change anything for deployments using EFM, since it generates a configuration with these settings configured.
- Removed C2 metrics from the default configuration that are not used by EFM.
- ConsumeWindowsEventLog can now handle UserData tags in the events when using simple or flattened JSON output format.
- Improved ListFile performance.

Breaking changes:

- The format of GetFile output attributes are changed to match ListFile and NiFi GetFile.
- Added failure relationships to SQL processors.

Fixed issues:

- Fixed a crash after C2 property updates.
- Fixed a bug where the old flow was not restarted after a failed C2 flow update (publish).
- Fixed a crash when empty flow files were read from python scripted processors.
- Fixed a one-byte leak on each SID lookup in ConsumeWindowsEventLog.
- Fixed scheduling to retry after the yield period even if the processor trigger fails, and it would otherwise not be scheduled again (for example: cron daily).
- Fixed a bug in ConsumeWindowsEventLog that caused output flow file attributes containing resolved identifiers to be missing when using JSON output format.
- Fixed a bug that caused the flow file repository to keep growing with invalid entries if the flow file checkpoint is not empty, after a C2 flow update is published.
- Added a workaround for a rocksdb limitation where compaction cycles are not run for long periods in some use cases. Minifi now forces a compaction every two minutes by default.
- Fixed an issue with FilesystemRepository content repository where failed content file deletions were not properly handled. Now deletion failures are logged and retried later.

November 11, 2022

CEM MiNiFi C++ Agent - 1.22.10 release includes:

Added support for the following processors:

- PutTCP

Updates:

- Added TLS support for ListenSyslog and ListenTCP.
- Added agent ID to exported metrics to improve observability when multiple agents are monitored.
- Windows binaries now have version metadata.
- AWS and Azure processors can now run on multiple threads.
- Various improvements to FilesystemRepository (content repository implementation).
- Improved throughput in certain high IO load scenarios, for example, when ConsumeWindowsEventLog and MergeContent are used together in a flow.

- Added Batch Size property to TailFile to limit resource usage spikes in high volume log collection scenarios.

Fixed issues:

- Python scripting no longer requires the patchelf hack.
- Fixed memory leaks in AppendHostInfo and ConsumeWindowsEventLog.
- Fixed various issues with multi-gigabyte flow file handling.
- Fixed an issue in MergeContent where bins were often not flushed until Max Bin Age expired, even if they were full.

September 1, 2022

CEM MiNiFi C++ Agent - 1.22.08 release includes:

Added support for the following processors:

- CollectKubernetesPodMetrics (Linux only)
- ExecuteScript (Tech Preview)
- ExecutePythonProcessor (Tech Preview)

Updates:

- Flow files waiting in connections now have their metadata swapped out to disk.
- Multiple instances of the same processor type now have separate metrics.
- Added Python scripting tech preview, disabled by default.
- Improved InvokeHTTP performance by using HTTP Keep-Alive.
- Added push alert capability on certain errors.
- The following issues are fixed:

Fixed issues:

- Fixed date handling issues (cron scheduler, EL functions) in the Docker image release.
- Fixed ListenHTTP causing high CPU usage when used with timer driven scheduling, and a 0 ms scheduling period.
- Fixed an issue where duplicate processor names in a flow caused EFM to get stuck in a loop.
- The system certificate store is now correctly detected on Debian and Ubuntu when using SSLContextService.

August 25, 2022

CEM MiNiFi C++ Agent - 1.22.06-h1 release includes:

Added support for the following processors:

- FetchGCSObject, DeleteGCSObject, and ListGCSBucket for Google Cloud
- ListenTCP
- PostElasticsearch

Updates:

- Added a new InvokeHTTP attribute "Invalid HTTP Header Field Handling Strategy", which can prevent errors that occur when trying to send attributes with keys that would not be valid HTTP header names.
- Added support for pushing assets from EFM to MiNiFi C++ Agents. Requires EFM 1.4.1+ REST API, no UI yet.
- Improved SSL/TLS error logging, including logging a warning message 2 weeks before a certificate expires.
- Added optional C2 request compression, to reduce the network load of heartbeats. Activate with nifi.c2.rest.request.encoding=gzip in minifi.properties. Requires EFM 1.4.1+.
- Added the capability to expose agent metrics through a Prometheus-compatible endpoint.

Breaking changes:

- LogAttribute Maximum Payload Line Length is now 0 by default. The value was 80 earlier.

- Changed ConsumeWindowsEventLog output attributes to lowercase.separated.by.dots, to be consistent with other processors.
  - Users can use UpdateAttribute to emulate the old behavior.
- Fixed a bug in ExtractText where "Include Capture Group 0" was interpreted as the reverse of the boolean value. Switched to the correct interpretation, for example true became false and false became true.
- Fixed a bug in InvokeHTTP which made it try to send all flow file attributes as headers when "Attributes to Send" was empty or not set (introduced in 1.21.10).

Fixed issues:

- An issue which made ListenSyslog always fail validation in EFM (introduced in 1.22.04).
- Various issues with CRON_DRIVEN scheduling, making it ready for production use.
- Fixed an issue where EFM got stuck in a loop when a flow with more than one processor with the same name was published (affects 1.22.04 and 1.22.06).

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)

Updates:

- 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+).

Fixed issues:

- 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

Updates:

- 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 DefragementText 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 Encrypting 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++ Agent download locations

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

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

July 21, 2025

MiNiFi C++ Agent - 1.25.05-h1

Operating System	Location
Linux Package x86_64	https://archive.cloudera.com/p/cem-agents/1.25.05-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.05-h1-b3-bin-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package x86_64	https://archive.cloudera.com/p/cem-agents/1.25.05-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.05-h1-b3-extra-extensions-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Python Components Package	https://archive.cloudera.com/p/cem-agents/1.25.05-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.05-h1-b3-extra-python-components.zip
Linux Package ARM64	https://archive.cloudera.com/p/cem-agents/1.25.05-h1/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.05-h1-b3-bin-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package ARM64	https://archive.cloudera.com/p/cem-agents/1.25.05-h1/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.05-h1-b3-extra-extensions-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Windows x64 Installer	https://archive.cloudera.com/p/cem-agents/1.25.05-h1/windows/msi/nifi-minifi-cpp-1.25.05-h1-b3-x64.msi (sha1) (sha256) (sha512)
Docker Image (x86_64 only)	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.25.05-h1-b3`

June 16, 2025

MiNiFi C++ Agent - 1.25.05

Not available

Use the CEM MiNiFi C++ Agent - 1.25.05-h1 download links available in section July 21, 2025.

April 4, 2025

MiNiFi C++ Agent - 1.25.03

Operating System	Location
Linux Package x86_64	https://archive.cloudera.com/p/cem-agents/1.25.03/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.03-b44-bin-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package x86_64	https://archive.cloudera.com/p/cem-agents/1.25.03/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.03-b44-extra-extensions-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Python Components Package	https://archive.cloudera.com/p/cem-agents/1.25.03/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.03-b44-extra-python-components.zip
Linux Package ARM64	https://archive.cloudera.com/p/cem-agents/1.25.03/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.03-b44-bin-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package ARM64	https://archive.cloudera.com/p/cem-agents/1.25.03/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.25.03-b44-extra-extensions-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Windows x64 Installer	https://archive.cloudera.com/p/cem-agents/1.25.03/windows/msi/nifi-minifi-cpp-1.25.03-b44-x64.msi (sha1) (sha256) (sha512)
Docker Image (x86_64 only)	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.25.03-b44`

December 13, 2024

MiNiFi C++ Agent - 1.24.12

Operating System	Location
Linux Package x86_64	https://archive.cloudera.com/p/cem-agents/1.24.12/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.12-b15-bin-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package x86_64	https://archive.cloudera.com/p/cem-agents/1.24.12/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.12-b15-extra-extensions-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Python Components Package	https://archive.cloudera.com/p/cem-agents/1.24.12/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.12-b15-extra-python-components.zip
Linux Package ARM64	https://archive.cloudera.com/p/cem-agents/1.24.12/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.12-b15-bin-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package ARM64	https://archive.cloudera.com/p/cem-agents/1.24.12/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.12-b15-extra-extensions-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Windows x64 Installer	https://archive.cloudera.com/p/cem-agents/1.24.12/windows/msi/nifi-minifi-cpp-1.24.12-b15-x64.msi (sha1) (sha256) (sha512)
Docker Image (x86_64 only)	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.24.12-b15`

July 30, 2024

MiNiFi C++ Agent - 1.24.05

Operating System	Location
Linux Package x86_64	https://archive.cloudera.com/p/cem-agents/1.24.05/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.05-b95-bin-linux.tar.gz (sha1) (sha256) (sha512)
Linux Extra Extensions Package x86_64	https://archive.cloudera.com/p/cem-agents/1.24.05/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.05-b95-extra-extensions-linux.tar.gz (sha1) (sha256) (sha512)
Linux Package ARM64	https://archive.cloudera.com/p/cem-agents/1.24.05/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.05-b95-bin-linux-arm64.tar.gz (sha1) (sha256) (sha512)

Operating System	Location
Linux Extra Extensions Package ARM64	https://archive.cloudera.com/p/cem-agents/1.24.05/redhat8arm64/yum/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.05-b95-extra-extensions-linux-arm64.tar.gz (sha1) (sha256) (sha512)
Windows x64 Installer	https://archive.cloudera.com/p/cem-agents/1.24.05/windows/msi/nifi-minifi-cpp-1.24.05-b95-x64.msi (sha1) (sha256) (sha512)
Docker Image (x86_64 only)	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.24.05-b95`

April 30, 2024

CEM MiNiFi C++ Agent - 1.24.04

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.24.04/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.04-b57-bin-linux.tar.gz
Linux Extra Extension Package and related checksums	https://archive.cloudera.com/p/cem-agents/1.24.04/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.04-b57-extra-extensions-linux.tar.gz
Windows x64	https://archive.cloudera.com/p/cem-agents/1.24.04/windows/msi/nifi-minifi-cpp-1.24.04-b57-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.24.04-b57`

April 4, 2024

CEM MiNiFi C++ Agent - 1.24.01-h1

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.24.01-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.01-h1-b1-bin-linux.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.24.01-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.24.01-h1-b1-extra-extensions-linux.tar.gz
Windows x64	https://archive.cloudera.com/p/cem-agents/1.24.01-h1/windows/msi/nifi-minifi-cpp-1.24.01-h1-b1-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.24.01-h1-b1`

CEM MiNiFi C++ Agent - 1.23.09-h1

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.23.09-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.09-h1-b1-bin-centos.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.23.09-h1/ubuntu22/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.09-h1-b1-extra-extensions-centos.tar.gz

Operating System	Location
Windows x64	https://archive.cloudera.com/p/cem-agents/1.23.09-h1/windows/msi/nifi-minifi-cpp-1.23.09-h1-b1-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.23.09-h1-b1`

February 5, 2024

CEM MiNiFi C++ Agent - 1.24.01

Not available

Use the CEM MiNiFi C++ Agent - 1.24.01-h1 download links available in section April 4, 2024.

September 29, 2023

CEM MiNiFi C++ Agent - 1.23.09

Not available

Use the CEM MiNiFi C++ Agent - 1.23.09-h1 download links available in section April 4, 2024.

September 4, 2023

CEM MiNiFi C++ Agent - 1.23.06-h1

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.23.06-h1/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.06-h1-b1-bin-centos.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.23.06-h1/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.06-h1-b1-extra-extensions-centos.tar.gz
Windows x64	https://archive.cloudera.com/p/cem-agents/1.23.06-h1/windows/msi/nifi-minifi-cpp-1.23.06-h1-b1-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.23.06-h1-b1`

CEM MiNiFi C++ Agent - 1.23.04-h2

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.23.04-h2/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.04-h2-b3-bin-centos.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.23.04-h2/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.04-h2-b3-extra-extensions-centos.tar.gz
Windows x64	https://archive.cloudera.com/p/cem-agents/1.23.04-h2/windows/msi/nifi-minifi-cpp-1.23.04-h2-b3-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.23.04-h2-b3`

CEM MiNiFi C++ Agent - 1.23.02-h2

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.23.02-h2/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.02-h2-b1-bin-centos.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.23.02-h2/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.23.02-h2-b1-extra-extensions-centos.tar.gz
Windows x64	https://archive.cloudera.com/p/cem-agents/1.23.02-h2/windows/msi/nifi-minifi-cpp-1.23.02-h2-b1-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.23.02-h2-b1`

June 23, 2023 - CEM MiNiFi C++ Agent - 1.23.06

Not available.

Use the CEM MiNiFi C++ Agent - 1.23.06-h1 download links available in section September 4, 2023.

April 28, 2023 - CEM MiNiFi C++ Agent - 1.23.04

Not available.

Use the CEM MiNiFi C++ Agent - 1.23.04-h2 download links available in section September 4, 2023.

April 3, 2023 - CEM MiNiFi C++ Agent - 1.23.02-h1

Not available.

Use the CEM MiNiFi C++ Agent - 1.23.02-h2 download links available in section September 4, 2023.

March 9, 2023 - CEM MiNiFi C++ Agent - 1.23.02

Not available.

Use the CEM MiNiFi C++ Agent - 1.23.02-h2 download links available in section September 4, 2023.

November 11, 2022 - CEM MiNiFi C++ Agent - 1.22.10

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.22.10/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.10-b30-bin-centos.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.22.10/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.10-b30-extra-extensions-centos.tar.gz
Windows x64	https://archive.cloudera.com/p/cem-agents/1.22.10/windows/msi/nifi-minifi-cpp-1.22.10-b30-x64.msi
Docker Image	`docker login -u [***USERNAME***] -p [***PASSWORD***] container.repo.cloudera.com && docker pull container.repo.cloudera.com/cloudera/apacheminificpp:1.22.10-b30`

September 1, 2022 - CEM MiNiFi C++ Agent - 1.22.08

Operating System	Location
Linux	https://archive.cloudera.com/p/cem-agents/1.22.08/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.08-bin-centos-b36.tar.gz
Linux Extra Extension Package	https://archive.cloudera.com/p/cem-agents/1.22.08/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.08-extra-extensions-centos-b36.tar.gz

Operating System	Location
Windows x86	https://archive.cloudera.com/p/cem-agents/1.22.08/windows/msi/nifi-minifi-cpp-1.22.08-b34-x86.msi
Windows x64	https://archive.cloudera.com/p/cem-agents/1.22.08/windows/msi/nifi-minifi-cpp-1.22.08-b34-x64.msi

August 25, 2022 - CEM MiNiFi C++ Agent - 1.22.06-h1

Operating System	Location
All Unix	https://archive.cloudera.com/p/cem-agents/1.22.06-h1/ubuntu18/apt/tars/nifi-minifi-cpp/nifi-minifi-cpp-1.22.06-h1-bin-centos-b3.tar.gz
Windows x86	https://archive.cloudera.com/p/cem-agents/1.22.06-h1/windows/msi/nifi-minifi-cpp-1.22.06-h1-b1-x86.msi
Windows x64	https://archive.cloudera.com/p/cem-agents/1.22.06-h1/windows/msi/nifi-minifi-cpp-1.22.06-h1-b1-x64.msi

June 30, 2022 - CEM MiNiFi C++ Agent - 1.22.06

Not available.

Use the CEM MiNiFi C++ Agent - 1.22.06-h1 download links available in section August 25, 2022.

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
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
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
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
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 MiNiFi C++

MiNiFi C++ Agent processor support

Review the processors that the latest version of the MiNiFi C++ Agent supports.

Processors	Supported on Linux	Supported on Windows
AppendHostInfo	yes	yes
AttributeRollingWindow	yes	yes
AttributesToJSON	yes	yes
BinFiles	yes	yes
CollectKubernetesPodMetrics	yes	no
CollectorInitiatedSubscription:	no	yes
CompressContent	yes	yes
ConsumeJournald	yes	no
ConsumeKafka	yes	yes
ConsumeMQTT	yes	yes
ConsumeWindowsEventLog	no	yes
DefragmentText	yes	yes
DeleteAzureBlobStorage	yes	yes
DeleteAzureDataLakeStorage	yes	yes
DeleteGCSObject	yes	yes
DeleteS3Object	yes	yes
ExecuteProcess	yes	yes
ExecutePythonProcessor	yes	yes
ExecuteScript	yes	yes
ExecuteSQL	yes	yes
ExtractText	yes	yes
FetchAzureBlobStorage	yes	yes
FetchAzureDataLakeStorage	yes	yes
FetchFile	yes	yes

Processors	Supported on Linux	Supported on Windows
FetchGCSObject	yes	yes
FetchOPCProcessor	yes	yes
FetchS3Object	yes	yes
FetchSmb	no	yes
FocusArchiveEntry	yes	yes
GenerateFlowFile	yes	yes
GetCouchbaseKey	yes	yes
GetFile	yes	yes
GetTCP	yes	yes
HashContent	yes	yes
InvokeHTTP	yes	yes
JoltTransformJSON	yes	yes
ListAzureBlobStorage	yes	yes
ListAzureDataLakeStorage	yes	yes
ListenHTTP	yes	yes
ListenSyslog	yes	yes
ListenTCP	yes	yes
ListenUDP	yes	yes
ListFile	yes	yes
ListGCSBucket	yes	yes
ListS3	yes	yes
ListSmb	no	yes
LogAttribute	yes	yes
ManipulateArchive	yes	yes
MergeContent	yes	yes
PerformanceDataMonitor	no	yes
PostElasticsearch	yes	yes
ProcFsMonitor	yes	no
PublishKafka	yes	yes
PublishMQTT	yes	yes
PushGrafanaLokiGrpc	yes	yes
PushGrafanaLokiREST	yes	yes
PutAzureBlobStorage	yes	yes
PutAzureDataLakeStorage	yes	yes
PutCouchbaseKey	yes	yes
PutFile	yes	yes
PutGCSObject	yes	yes
PutKinesisStream	yes	yes
PutOPCProcessor	yes	yes

Processors	Supported on Linux	Supported on Windows
PutS3Object	yes	yes
PutSmb	no	yes
PutSplunkHTTP	yes	yes
PutSQL	yes	yes
PutTCP	yes	yes
PutUDP	yes	yes
QueryDatabaseTable	yes	yes
QuerySplunkIndexingStatus	yes	yes
ReplaceText	yes	yes
RetryFlowFile	yes	yes
RouteOnAttribute	yes	yes
RouteText	yes	yes
RunLlamaCppInference [Technical Preview]	yes	no
SegmentContent	yes	yes
SplitContent	yes	yes
SplitRecord	yes	yes
SplitText	yes	yes
TailEventLog	no	yes
TailFile	yes	yes
UnfocusArchiveEntry	yes	yes
UpdateAttribute	yes	yes

Note:

Community driven processors are available for your use, but Cloudera does not recommend that you use them in production environments.

Known issues for MiNiFi C++ Agent

You can find here the list of known issues and limitations that you might experience while using MiNiFi C++ Agents.

Known issues and limitations in MiNiFi C++ Agent 1.25.05

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

Python scripting and Windows MSI upgrades

Enabling Python scripting in the Windows MSI can result in various issues during in-place upgrades. These issues may lead to installation, upgrade, or uninstall failures.

Following the below instructions can help mitigate the issues encountered during installation or upgrade.

- Avoid in-place upgrades.

  Always perform a clean uninstall before installing a new version of the software.

- Fix the issues with the minifi_native.pyd file.
  - If the extensions\minifi_native.pyd file does not exist and an uninstall, change, repair, or upgrade operation fails, create the file manually.
  - If the file exists and the operation fails, delete the file and try creating it again.

Known issues and limitations in MiNiFi C++ Agent 1.25.03

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

Python scripting and Windows MSI upgrades

Enabling Python scripting in the Windows MSI can result in various issues during in-place upgrades. These issues may lead to installation, upgrade, or uninstall failures.

Following the below instructions can help mitigate the issues encountered during installation or upgrade.

- Avoid in-place upgrades.

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- Fix the issues with the minifi_native.pyd file.
  - If the extensions\minifi_native.pyd file does not exist and an uninstall, change, repair, or upgrade operation fails, create the file manually.
  - If the file exists and the operation fails, delete the file and try creating it again.

Known issues and limitations in MiNiFi C++ Agent 1.24.12

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

Python scripting and Windows MSI upgrades

Enabling Python scripting in the Windows MSI can result in various issues during in-place upgrades. These issues may lead to installation, upgrade, or uninstall failures.

Following the below instructions can help mitigate the issues encountered during installation or upgrade.

- Avoid in-place upgrades.

  Always perform a clean uninstall before installing a new version of the software.
- Fix the issues with the minifi_native.pyd file.
  - If the extensions\minifi_native.pyd file does not exist and an uninstall, change, repair, or upgrade operation fails, create the file manually.
  - If the file exists and the operation fails, delete the file and try creating it again.

Older versions of MiNiFi C++ Agents

You can find here the list of known issues and limitations that you might experience while using older versions of MiNiFi C++ Agents.

Known issues and limitations in MiNiFi C++ Agent 1.24.05

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

Python scripting and Windows MSI upgrades

Enabling Python scripting in the Windows MSI can result in various issues during in-place upgrades. These issues may lead to installation, upgrade, or uninstall failures.

Following the below instructions can help mitigate the issues encountered during installation or upgrade.

- Avoid in-place upgrades.

  Always perform a clean uninstall before installing a new version of the software.
- Fix the issues with the minifi_native.pyd file.
  - If the extensions\minifi_native.pyd file does not exist and an uninstall, change, repair, or upgrade operation fails, create the file manually.
  - If the file exists and the operation fails, delete the file and try creating it again.

Known issues and limitations in MiNiFi C++ Agent 1.24.04

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

Python scripting and Windows MSI upgrades

Enabling Python scripting in the Windows MSI can result in various issues during in-place upgrades. These issues may lead to installation, upgrade, or uninstall failures.

Following the below instructions can help mitigate the issues encountered during installation or upgrade.

- Avoid in-place upgrades.

  Always perform a clean uninstall before installing a new version of the software.
- Fix the issues with the minifi_native.pyd file.
  - If the extensions\minifi_native.pyd file does not exist and an uninstall, change, repair, or upgrade operation fails, create the file manually.
  - If the file exists and the operation fails, delete the file and try creating it again.

Known issues and limitations in MiNiFi C++ Agent 1.24.01

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.09

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.06-h1

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.06

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.04-h2

Learn about the known issues and limitations that you might experience while using MiNiFi C++ agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.04

Learn about the known issues and limitations that you might experience while using MiNiFi C++ agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.02-h2

Learn about the known issues and limitations that you might experience while using MiNiFi C++ agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.02-h1

Learn about the known issues and limitations that you might experience while using MiNiFi C++ agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in this release.

Known issues and limitations in MiNiFi C++ Agent 1.23.02

Learn about the known issues and limitations that you might experience while using MiNiFi C++ agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

Known issues and limitations in MiNiFi C++ Agent 1.22.10

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

MiNiFi process crash in certain scenarios after C2 property update

If a C2 flow update is used to publish a non-empty flow, and it is followed by a C2 property update with agent restart, without a process/service restart between the flow update and the property update, then the MiNiFi process crashes. If used with the windows service manager or kubernetes, then those service managers automatically restart the agent after a crash. State is persisted as usual, so no data is lost, unless volatile repositories are in use.

Workaround:

None.

Reach out to Cloudera if you need a hotfix for this issue.

Version affected:

CEM MiNiFi C++ agent 1.22.10

Fixed in version:

CEM MiNiFi C++ agent 1.23.02

Known issues and limitations in MiNiFi C++ Agent 1.22.06-h1

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

Known issues and limitations in MiNiFi C++ Agent 1.22.06

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

Duplicate processor names in flow definitions causing an endless publish loop

Duplicate processor names in flow definitions cause publishing to be acknowledged incorrectly leading to an endless publish loop.

Workaround:

If the exact versions of MiNiFi C++ agents are needed, the issue can be mitigated by using unique processor names in the flow definitions. If that cannot be avoided, reach out to Cloudera for a hotfix.

Versions affected:

CEM MiNiFi C++ agent 1.22.04 and 1.22.06

Fixed in version:

CEM MiNiFi C++ agent 1.22.08

Known issues and limitations in MiNiFi C++ Agent 1.22.04

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

Duplicate processor names in flow definitions causing an endless publish loop

Duplicate processor names in flow definitions cause publishing to be acknowledged incorrectly leading to an endless publish loop.

Workaround:

If the exact versions of MiNiFi C++ agents are needed, the issue can be mitigated by using unique processor names in the flow definitions. If that cannot be avoided, reach out to Cloudera for a hotfix.

Versions affected:

CEM MiNiFi C++ agent 1.22.04 and 1.22.06

Fixed in version:

CEM MiNiFi C++ agent 1.22.08

Known issues and limitations in MiNiFi C++ Agent 1.22.03

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

Known issues and limitations in MiNiFi C++ Agent 1.22.01

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

nifi.c2.agent.heartbeat.period must be an integer for EFM validation

EFM fails to parse the agent manifest if the nifi.c2.agent.heartbeat.period is specified using the 'time period' format (for example: '30 sec'). The result is missing metadata and manifest updates, which significantly diminish the management capabilities with EFM.

Workaround

If you use MiNiFi with EFM, change the nifi.c2.agent.heartbeat.period property to an integer in milliseconds. For example use 30000 for 30 seconds, or 5000 for 5 seconds.

Versions affected:

CEM MiNiFi C++ agent 1.22.01 and higher

Fixed in version:

CEM MiNiFi C++ agent 1.23.02-h1

Known issues and limitations in MiNiFi C++ Agent 1.21.10

Learn about the known issues and limitations that you might experience while using MiNiFi C++ Agents. You can find information about the areas of impact, affected product versions, and possible workarounds.

There are no known issues in MiNiFi C++ Agent 1.21.10.