

# NiFi Ingest

Software Version 12.4.0

## Release Notes



Document Release Date: October 2019  
Software Release Date: October 2019

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## Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for updated documentation, visit <https://www.microfocus.com/support-and-services/documentation/>.

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- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the [Access Levels descriptions](#).

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# New in this Release

The following new features were released in NiFi Ingest version 12.4.0.

- NiFi Ingest can perform connector actions such as synchronize, collect, identifiers, insert, delete, and view, in response to requests. This means that you can use NiFi to handle tasks which typically run on-demand in response to an ACI request, rather than being scheduled to run on a regular basis.

This functionality is available when you install the NiFi Connector Router components, which are available in a separate package. You can send actions to a designated port, to be handled within NiFi. The actions are routed, as FlowFiles, to the correct connector processor. The data flow necessary to handle actions can be complex, so Micro Focus provides templates that include the necessary components, with pre-configured relationships. For more information about using actions in NiFi, refer to the IDOL NiFi Ingest documentation.

- All IDOL Connector processors support guided setup, so that you can configure them step-by-step. If your data flow includes multiple processors for a single repository (for example `GetSharePointOData`, `FetchSharePointOData`, `ViewSharePointOData`, and so on) you can configure the `Get*` processor and then use the guided setup feature to copy the common properties to the other processors. This can save time because you do not need to repeatedly specify common properties, such as repository URLs.
- IDOL Connector `Get*` processors, for connectors that support the identifiers action, provide a graphical interface so that you can browse the repository. If the connector also supports the view action you can view documents that exist in the repository. With some connectors (currently File System Connector, Web Connector, SharePoint OData Connector, and Exchange OData Connector) you can use this interface to choose what to synchronize.
- IDOL Connector `Get*` processors, for connectors that support progress reporting, now display a progress bar and progress summary in the advanced configuration interface.
- IDOL Connector `Fetch*` and `View*` processors support subfiles. If you specify a `KeyView Filter Service` when you configure the processor, and a user provides a document identifier that represents a subfile, the processor extracts the subfile.
- NiFi Ingest provides a new interface to schedule connector synchronize cycles. For example, you can choose to synchronize with a data repository every weekday at 2AM, without having to provide the schedule as a cron expression.
- NiFi Ingest includes a new processor, named `GenerateDocumentFlowFile`. This processor allows you to manually create small numbers of document FlowFiles for testing and troubleshooting purposes.
- NiFi Ingest includes a new processor to decrypt files that are protected by Microsoft Azure Rights Management (RMS) encryption, and a new processor to encrypt files using RMS encryption. This feature supports Office and `.pfile` files, but cannot decrypt PDF files.
- The Education processor supports guided setup.
- The Education processor supports Lua post-processing tasks.

# Resolved Issues

There were no resolved issues in NiFi Ingest version 12.4.0.

# Notes

This section contains information that is important if you are upgrading from an earlier version of NiFi Ingest.

- The following NiFi Ingest processors now require a license.
  - Education
  - KeyViewExtractFiles
  - KeyViewFilterDocument
  - MediaAnalysis

You might already have a license for Education, KeyView, or Media Server that allows you to use these products outside of NiFi. The NiFi processors require a separate license. To obtain a license, please contact Micro Focus support. After obtaining a license, set the IDOL License Service property in the processor configuration.

- In NiFi Ingest 12.4 the behavior of a Get\*Groups processor, such as GetSharePointGroups0Data, depends on whether the processor has an incoming connection. Without an incoming connection, the processor synchronizes group information each time it is scheduled to run. If the processor has an incoming connection, it synchronizes group information only when it receives a FlowFile with the property `idol.groups.action` set to the value `synchronizegroups`.

# Documentation

The following documentation was updated for NiFi Ingest version 12.4.0.

- *NiFi Ingest Online Help*