IDOL
NiFi Ingest

Software Version 12.12.0

Release Notes

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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.

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- Download software patches
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Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in.

Contents

New in this Release

The following new features were released in NiFi Ingest version 12.12.0.

- IDOL Connector Fetch* and Get*Groups processors have been optimized to reduce memory usage.

- Improved indexing performance for the PutIDOL processor.

- NiFi Ingest components write log messages to separate log files by default. You can find these log files in `logs/idol`. You can customize logging by setting new options in the `nifi.properties` configuration file. For example, you can use different log levels for different components or types of component.

- The KeyViewExtractFiles, KeyViewExportToHtml, KeyViewExportToXml, and KeyViewFilterDocument processors have guided setup wizards.

- NiFi Ingest includes a new processor, named AWSTranslate, that can use the Amazon Web Services Translate service to translate the text in IDOL document content and metadata fields into other languages.

- NiFi Ingest includes a new processor, PutKafka, that can process IDOL documents and send data to Apache Kafka.

- The IDOL Media ObjectClassRecognition processor can perform perspective analysis and output real-world 3D coordinates for recognized objects.

- The IDOL Media ObjectRecognition, ObjectClassRecognition, and VehicleAnalysis processors can create video clips of each recognized object or vehicle. The video frames are cropped and show only the object or vehicle rather than the entire scene, which might contain other objects or vehicles of the same type. The video has fixed dimensions, so the cropped video frames are automatically resized as the object or vehicle moves towards or away from the camera.

Resolved Issues

The following issues were resolved in NiFi Ingest version 12.12.0.

- **(Security update)** The third-party OpenSSL library has been upgraded to version 1.1.1n to resolve a security vulnerability, CVE-2022-0778.

- A SynchronizeGroups processor, such as GetSharePointGroups, could output incomplete user and group information if it was stopped before it had finished the task. This could cause OmniGroupServer to remove valid information that had been retrieved during a previous, successful run.

- Processing a malformed GZIP-compressed file could cause KeyView to generate huge temporary files.

- The KeyViewExtractFiles processor could fail to process mail files when the property "Merge mails" was set to true.

- An instance of the DocumentRegistryServiceImpl that was configured to store data in an external database could revert to using a local datastore.

- The HandleAciRequest processor did not write long action parameter values to FlowFile attributes. This could be a problem when requests included long `SecurityInfo` strings. This limit has been removed.

- Resolved a memory leak that affected many IDOL NiFi processors.

Documentation

The following documentation was updated for NiFi Ingest version 12.12.0.

- *NiFi Ingest Online Help*