

# ConnectorLib Java SDK

Software Version 12.0.0

## Release Notes



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## New in this Release

Connectors developed with ConnectorLib Java SDK version 12.0.0 support the following new features:

- The connector generates events to alert you when an asynchronous action queue becomes full, becomes empty, and when the queue size passes certain thresholds. You can handle these events with any of the existing event handlers.
- The connector can assign a priority to documents retrieved by a fetch task so that when they are ingested they are processed before documents retrieved by other tasks or other connectors. To use this feature set the new configuration parameter `IngestPriority`.
- The connector can send documents to NiFi Ingest, a new IDOL ingestion framework that is based on Apache NiFi. You can use NiFi Ingest instead of an IDOL Connector Framework Server.
- The connector supports the `schedule` action, which schedules actions to run automatically on a defined schedule.
- Field standardization can convert date values into custom date formats.
- The connector supports the following Lua functions:
  - `deleteFieldByPath`, which you can call on a `LuaDocument` or `LuaField` object to delete fields or sub-fields that match a specified path.
  - `getFieldsByRegex`, which you can call on a `LuaDocument` or `LuaField` object to get fields or sub-fields where the name or path of the field or sub-field matches a regular expression.
- You can now configure your authorization role `SSLIdentities` to identify clients by using an email address in the certificate `subjectAltName`.
- When using GSS security, you can now configure the service to allow clients to authenticate to any service principal in the service's keytab, rather than requiring a single principal. You use this option by setting the `GSSServiceName` configuration parameter to an asterisk (\*).
- The server can provide action responses in several different JSON formats. The default JSON response format (`ResponseFormat=JSON`) has been updated to use one of the new formats. For more information, refer to the documentation for the `ResponseFormat` action parameter.
- The OpenSSL library has been updated to version 1.0.2n.

## Resolved Issues

This section lists the resolved issues in ConnectorLib Java SDK version 12.0.0.

- The connector would not stop when requested, if documents were being ingested.
- License related messages in the event log would appear from a different source to other messages.
- The `LogSysLog` logging configuration option did not output event logs.
- The `ShowPermissions` action did not show permissions for `SSLIdentities` configured in the `[AuthorizationRoles]`.
- If an ACI Server was configured to request client SSL certificates, running multiple requests from a client could sometimes fail with **session id context uninitialized** errors. For example, this could occur when loading IDOL Admin.

# Documentation

The following documentation was updated for this release.

- *ConnectorLib Java SDK Programming Guide*