



# Connector Framework Server

Software Version: 11.6.2

## Release Notes

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# New in this Release

The following enhancements were added in CFS version 11.6.0.

- CFS can send files to Media Server using HTTP POST requests. This means that in some cases you no longer need to configure a shared folder. Micro Focus recommends that you continue to use a shared folder if you are analyzing large files.
- CFS 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.
- XML processing has been improved.
  - XML schema and transforms are loaded when CFS starts. If a schema or transform is invalid, CFS writes a message to the application log and stops.
  - CFS writes a message to the action log whenever an XML transform is used.
  - CFS can log the reasons why an ingested XML file does not match a schema. This feature is for troubleshooting purposes only and should not be used in a production system. To enable it, set `LogValidationErrors=TRUE`.
  - When an XML transformation or conversion into IDOL documents fails, CFS adds the document to the import queue so that it is processed by KeyView. The only exception to this rule is when an XML file matches a schema and is transformed successfully, but does not result in any IDOL documents. This is not considered a failure and no documents are indexed.
- CFS includes an XSL template to help you send `IngestTest` actions. To use the template, open a web browser and navigate to `http://host:7000/action=IngestTest&Template=IngestTest` (where *host* is the machine where CFS is running and 7000 is the CFS ACI port). Micro Focus does not support the XSL template, it is provided only as an example of a template that you could build.
- CFS generates an event when the import queue or the outgoing queue for indexing becomes full, becomes empty, or the size of the queue passes certain thresholds. You can handle these events with any of the existing event handlers. For example, you might run a Lua script that notifies an administrator if a queue becomes more than 80 percent full.
- When you run Education, you can choose the document fields to search using wildcards and regular expressions (in the value of the `SearchFields` parameter).
- The server 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.
- You can now configure your authorization role `SSLIdentities` to identify clients by using an email address in the certificate `subjectAltName`. You can use an optional tag for each SSL identity to specify whether it is a **dns** or **email** type identity. If there is no tag, the server treats it as **dns** type. For example:

```
SSLIdentities=email:user@example.com,dns:admin.example.com,webapp.example.com
```

- 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 (\*).

## Resolved Issues

The following issues were resolved in Connector Framework Server version 11.6.2.

- Javascript could be injected into the `GetRequestLog` response by sending actions to the server.

The following issues were resolved in Connector Framework Server version 11.6.0

- Language detection always reported the language of a document as "unknown".
- The `LogSysLog` logging configuration option did not output event logs.
- License related messages in the event log would appear from a different source to other messages.

# Supported Operating System Platforms

The following operating system platforms are supported by Connector Framework Server 11.6.2.

- Windows x86 64
- Linux x86 64
- Solaris x86 64
- Solaris SPARC 64

The documented platforms are the recommended and most fully tested platforms for Connector Framework Server. The following sections provide more information about the most fully tested versions of these platforms.

## Windows

- Windows Server 2012 x86 64
- Windows 7 SP1 x86 64
- Windows Server 2008 R2 x86 64
- Windows Server 2008 SP2 x86 64

## Linux

For Linux, the following lists the minimum recommended versions of particular distributions:

- Red Hat Enterprise Linux (RHEL) 6
- CentOS 6
- SuSE Linux Enterprise Server (SLES) 10
- Ubuntu 14.04
- Debian 7

## Solaris

- Solaris 10
- Solaris 11



## Notes

- With CFS 11.6.0, XML schemas and transforms are parsed when CFS starts. If a schema or transform is invalid, CFS does not start but logs the message `Error constructing Connector Framework Server: Failed to construct Xml Transform Configuration in section '<SectionName>' ...`

# Documentation

The following documentation was updated for this release.

- *Connector Framework Server Administration Guide*
- *Connector Framework Server Reference*