



Hewlett Packard
Enterprise

HPE Connector Framework Server

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Release Notes

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New in this Release

This section lists the enhancements to HPE Connector Framework Server version 11.2.0.

- During indexing, CFS can instruct IDOL to create databases that are specified in a DREDBNAME document field but do not exist. The configuration parameter `CreateDatabase` has been added, with a default value of `False`. To instruct IDOL to automatically create databases, set this parameter to `True`.
- CFS can index documents into another CFS, so that you can perform further processing on them.
- CFS supports the following Lua functions:
 - `extract_text_from_binary_file`, which extracts potential strings of text from binary files. This function does not use `KeyView`, it searches the file for strings which look like readable text in a specified encoding.

- Indexing into Haven OnDemand is now more efficient, because CFS no longer resends an entire batch of documents when only some of the documents fail to complete the indexing process.

A single batch of documents can result in multiple indexing jobs in Haven OnDemand. CFS can now resend the subset of a batch that corresponds to one of these jobs. This can improve indexing performance because documents that were indexed successfully are no longer added or deleted multiple times. Also, the directory specified by the `FailedDirectory` configuration parameter will only contain documents that actually failed the indexing process.

- CFS can send documents to a Haven OnDemand combination endpoint.
- Asynchronous action queues can be stored in memory. This can increase performance but queued actions can be lost unless the server is stopped cleanly.
- The `SSLMethod` configuration parameter now supports `TLSv1.2`. For example:

```
[SSLOption0]  
SSLMethod=TLSV1.2
```

- The `OpenSSL` version was upgraded from 1.0.2d to 1.0.2i.

Resolved Issues

This section lists the resolved issues in HPE Connector Framework Server version 11.2.0.

- CFS could terminate unexpectedly when running the `HtmlExtraction` task on a document that contained a significant amount of invalid HTML.
- CFS failed to remove temporary files when the file names ended with a period (.).
- CFS escaped valid UTF-8 characters, so hexadecimal character codes could be present in indexed documents.
- The server would not correctly retrieve a license from a License Server with SSL enabled.
- The `GetLicenseInfo` action did not return the correct value for the `<autn:expirydays>` tag.

Supported Operating System Platforms

The following operating system platforms are supported by HPE Connector Framework Server 11.2.0.

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

The documented platforms are the recommended and most fully tested platforms for HPE 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) 5
- CentOS 5
- SuSE Linux Enterprise Server (SLES) 10
- Ubuntu 12.04
- Debian 7

Solaris

- Solaris 10
- Solaris 11

Notes

- If you are upgrading from HPE CFS 10.9.0 or earlier, ensure that your CFS finishes indexing data into IDOL before you upgrade. There must be no data left in the `outgoing` folder.
- The default configuration file installed with HPE CFS now runs field standardization. Field standardization renames document fields so that documents created by different connectors use the same field names to store the same type of information. In some cases field standardization modifies field values so that the values are in standard formats.

Note: You might need to make configuration changes to other IDOL components and front-end applications if you have configured them to rely on specific document fields.

If you would prefer to disable field standardization, modify the configuration file as follows:

- In the `[ImportService]` section, set the configuration parameter `EnableFieldNameStandardization` to `FALSE`.
- In the `[ImportTasks]` section, remove the field standardization import task by deleting the line `Post0=Standardizer`.

Documentation

The following documentation was updated for this release.

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