

Web Connector

Software Version 12.0.0

Release Notes



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New in this Release

This section lists the enhancements to Web Connector version 12.0.0.

- The embedded web browser that processes web pages has been updated, improving security, stability, and performance. When setting parameters that accept CSS selectors, you can now use CSS3 selectors. (This feature is not available on the RHEL7FIPS platform).
- Web Connector supports proxy servers that use the SOCKS5 protocol. To use a SOCKS5 proxy, set `ProxyScheme=SOCKS5`.
- The connector can obtain cookies from a list of URLs before it starts crawling a site. This means the connector can crawl sites that require it to have a cookie before it starts crawling (for example, a site might require you to log in and provide a cookie in response).
- The connector supports dynamic corpus functionality. This means that you can use IDOL analytics such as categorization to decide whether to ingest content. You can also use this feature to filter the links that are extracted from a page. The connector runs a Lua script to decide whether to ingest the page and which links to follow, so you can also implement a custom algorithm for deciding which pages to index. To specify the path to the script set the new configuration parameter `FilterPagesLuaScript`. To use this feature your Web Connector license must include dynamic corpus functionality.
- 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 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 Web Connector version 12.0.0.

- Web connector now waits for scripts to finish when there are no `<script>` elements on a page but there is a relevant event, such as `<body onload= "...">`.
- Web connector now applies custom JavaScript to all appropriate URLs in the loading process, rather than just the first.
- The connector would not stop when requested, if documents were being ingested.
- 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.

Supported Operating System Platforms

The following operating system platforms are supported by Web Connector 12.0.0.

- Windows x86 64
- Linux x86 64

The most fully tested versions of these platforms are:

Windows

- Windows Server 2016 x86 64
- 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 minimum recommended versions of particular distributions are:

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

NOTE:

On Linux platforms the Web Connector requires NSS version 3.26 or later.

Documentation

The following documentation was updated for this release.

- *Web Connector Administration Guide*
- *Web Connector Reference*