



# SharePoint OData Connector

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## Release Notes

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# New in this Release

This section lists the enhancements to SharePoint OData Connector version 11.6.0.

- If the connector synchronizes some items but the task stops or encounters an error, the next synchronize cycle starts from that point and does not process the same items again. You can configure this behavior with the new configuration parameter `SynchronizeAllowResume`.
- The configuration parameter `HtmlFieldsRegex` has been added. You can use this parameter to ingest selected list item fields as HTML rather than plain text.
- The connector can retrieve content from all types of web part. You can also apply an XSL transformation to web part content before it is added to the document metadata. You might want to use an XSL transformation to extract specific information or manipulate its structure before it is added to the document.
- The connector can rank documents by importance and add the rank to a document field named `AUTN_RANK`. To rank pages, set the new configuration parameter `EnableAutnRank` to `TRUE`.
- The document metadata for sites and lists now includes the created and last modified date.
- The document metadata for child objects of sites and lists now includes the site title and list title.
- The connector can ingest information from social feeds associated with SharePoint users and SharePoint sites. To synchronize social feeds, set the new configuration parameters `IndexSiteSocialFeeds` and `IndexUserSocialFeeds`. The connector can also insert posts into social feeds and delete posts in social feeds.
- The configuration parameter `CustomItemFieldNamePrefix` has been added. You can use this to apply a prefix to document metadata fields that are generated from custom list item metadata fields. The value of this parameter overrides the value of `ItemFieldNamePrefix`.
- The `identifiers` fetch action returns the identifiers of all ancestors (up to the root of the repository) for the items that you request. The action accepts a new parameter, `ShowAncestors` (default `TRUE`), which specifies whether to show these identifiers.
- The `identifiers` fetch action returns status information for each item that represents a document - for example whether the item has been ingested or the number of times that the item has been modified. The action accepts a new parameter, `ShowDocStatus` (default `FALSE`), which specifies whether to show this information.
- The `View` action returns document metadata. To obtain the metadata set the action parameter `NoACI=FALSE`, because by default the `View` action returns the binary content of the file.
- The connector adds the field `AUTN_MODIFICATIONS` to ingested documents. This field provides information about how many times an item has been modified.
- The connector can log detailed information about HTTP requests for troubleshooting purposes. To enable this, set the new configuration parameter `EnableHTTPTrace` to `TRUE`.
- The `GetStatistics` service action can return statistics about the number and frequency of API calls made to the repository. To enable this, set the parameter `EnableDebugStatistics=TRUE`.
- The connector provides additional statistics about the work it has completed, for example the number and frequency of ingest-adds, ingest-updates, and ingest-deletes. You can view these

statistics through the `GetStatistics` service action. The connector also includes an XSL template that you can use to transform the output of the `GetStatistics` action and visualize the statistics.

- The `LogTypeCSVs` configuration parameter supports additional options for customizing logging. You can now create a separate log file for a fetch task or fetch action.
- 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 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.
- All ACI server ports now support the `Expect: 100-continue` HTTP header. Previously, third-party client applications that used this header (for example, using the `cURL` utility with the `-F` option to POST form data) could experience increased latency when communicating with SharePoint OData Connector.
- 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

This section lists the resolved issues in SharePoint OData Connector version 11.6.0.

- When an authorization role defined `Actions`, `ServiceActions`, or `IndexActions`, and the authorization role `Clients` parameter contained host names, calling the `ShowPermissions` action could result in an interruption of service.
- 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.

# Supported Operating System Platforms

The following operating system platforms are supported by SharePoint OData Connector 11.6.0.

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

The most fully tested versions of these platforms are:

## **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 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

## **Solaris**

- Solaris 10
- Solaris 11



# Notes

- The following configuration parameters, for action authorization by client IP address, have been deprecated:
  - [Server] AdminClients
  - [Server] QueryClients
  - [Service] ServiceControlClients
  - [Service] ServiceStatusClients

You can now use the [AuthorizationRoles] configuration section to set up authorization for your servers more flexibly. These configuration parameters are still available for existing implementations, but they might be incompatible with new functionality. The parameters might be deleted in future.

# Documentation

The following documentation was updated for this release.

- *SharePoint OData Connector Administration Guide*
- *SharePoint OData Connector Reference*