



# Qlik Web Connectors December 2020 Release (2.98.1) – Release Notes

## Qlik Web Connectors December 2020 Release (2.98.1) Overview

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Some highlights in this release include:

- **ALL USERS - UPGRADE BREAKING CHANGE!** There are some extra things that all users need to do when upgrading to this version. See the upgrade section below for more details to ensure a smooth transition.
- One Deprecated connector – Microsoft Dynamics CRM Connector has been deprecated and will be removed in a future version. Please upgrade to V2 of this connector.
- Five removed connectors – Youtube Data Connector, OneDrive Connector, Aylien News Connector, Slack Connector and Bitly Connector. Please upgrade to OneDrive V2 connector, Aylien News V2, Slack Connector V2 or Bitly Connector V2.
- In this release there have been many fixes to the connectors, which may include **BREAKING CHANGES** and, as such, please pay particular attention to any connectors which you may use in the Change Log section below.
- The previous release (March 2020 Release (2.77.2)) will expire for non-premium connector users on **31st March 2021**. Simply upgrade to this version to continue to use the connectors.

Documentation about the Qlik Web Connectors can be found at

[https://help.qlik.com/en-US/connectors/Subsystems/Web\\_Connectors\\_help/Content/Connectors\\_QWC/Setup-deploy/Qlik\\_Web\\_Connectors\\_package.htm](https://help.qlik.com/en-US/connectors/Subsystems/Web_Connectors_help/Content/Connectors_QWC/Setup-deploy/Qlik_Web_Connectors_package.htm)

### Qlik Web Connectors Community Page

[Qlik Web Connectors Community Page](#) is used to make announcements and provide additional information on using the product and features, so please join this group.

## Upgrading to December 2020 Release (2.98.1)

Due to a change in the working file structure of the Qlik Web Connectors, on upgrading to this version it is necessary to delete almost all the files and folders from your Qlik Web Connectors folder.

**This will affect all users that are upgrading to this version.**

To do this, please follow these steps:

1. If the Qlik Web Connectors are running as a service, please stop the service.
2. Close all running instances of the Qlik Web Connectors.
3. Locate the Qlik Web Connectors installation folder. This will typically be in C:\QlikWebConnectors\ and **take a back up**, keeping the copy in a safe place.
4. Delete all the files and folders along with all of its contents **except** the App\_Data folder and deploy.config and login.xml files from your Qlik Web Connectors folder
5. You can now follow the 'Installing the new version' section on the help site to ensure that your current deploy.config and login.xml files are maintained:

[https://help.qlik.com/enUS/connectors/Subsystems/Web\\_Connectors\\_help/Content/Connectors\\_QWC/Setupdeploy/Upgrading\\_Qlik\\_Web\\_Connectors.htm](https://help.qlik.com/enUS/connectors/Subsystems/Web_Connectors_help/Content/Connectors_QWC/Setupdeploy/Upgrading_Qlik_Web_Connectors.htm)

## Deprecated Connectors

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When upgrading connectors to the latest APIs unfortunately the changes can be so extensive that we're unable to modify the existing connector. When this happens we'll create a new version of the connector and put the existing one into a 'Deprecated' state. This means that at some point in the future it will no longer be available and after entering the deprecated status, it will no longer be updated. The date is normally determined by the underlying API which will often have its own expiry date, after which the connector using it will no longer work.

You can see connectors affected under the **Deprecated** tab in Qlik Web Connectors.

### Qlik Microsoft Dynamics CRM Connector

Connector is now deprecated and will be removed in a future version. Please upgrade to V2 of this connector.

## Qlik Web Connectors (Change Log)

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### Updates Since Qlik Web Connectors March 2020 Release (2.77.2)

The following updates have been made to the Qlik Web Connectors Core and Web UI as well as the connectors listed.

**Please pay particular attention to any connectors which may have breaking changes highlighted below.**

#### Core Engine

- HSTS support has been added - see `deploy.config` `RequireSSL` and `RequireHSTS` settings.
- **BREAKING CHANGE:** Aylie News V1 and Slack V1 connectors removed.
- **BREAKING CHANGE:** OneDrive Connector (v1) removed.
- **BREAKING CHANGE:** Bitly Connector (v1) removed.
- **BREAKING CHANGE:** YouTube Data Connector removed.
- Removed mention of `SHA512PasswordChecker` in `deploy.config`. `SaltedPBKDF2SHA1PasswordChecker` should be used and we may remove support for the `SHA512PasswordChecker` in a future release.
- Licensing / LEF removed (all premium connectors are now accessible as standard connectors).
- Security fixes.
- Fixed Checkbox list height.
- Removed download options from UI (csv, tsv, xml, html, json).
- Updated `CsvHelper` component used by several connectors to parse delimited files.
- Table parameters now repopulated automatically on OAuth1/2 connectors when user clears credentials or re-authenticates. This is particularly useful for dynamically populated dropdown (e.g. on Google Analytics CreateReport).
- POSSIBLE BREAKING CHANGE: QWC now requires .NET Framework 4.7.2 to run (previously 4.5.2). Also no longer setting TLS version in code.
- POSSIBLE BREAKING CHANGE: Removed backwards compatibility for old encrypted values. In the unlikely event that decryption errors are observed, please clear relevant connector settings and retry.
- Fixed sorting connectors in alphabetical order.
- Fixed filter checklist items is not case sensitive.
- Fixed Raw table preview is not cleared on re-running.
- Forms auth improvement - you may need to reauthenticate from your browser when using new version for first time.
- Fixed User Management UI buttons not rendered correctly.
- Added a 'Copy script to clipboard' button to the top of the returned script page.
- The `DisabledConnectors` section of `deploy.config` now filters these connectors from the web UI listing. A new entry is also added into the startup log if any connectors are disabled.

#### Qlik AmazonS3 Connector

- Added additional date/time fields for Metadata table.

- Added sseHeader parameter for Upload table.
- Added regions, updated table notes.

### Qlik AYLIEN News Connector V2

- Updated link URLs.
- First release. Please note that legacy app IDs created for the legacy API may not work with this version of the connector.

### Qlik Azure Storage Connector

- Fixed date header bug.
- Added Prompt / consent level parameter to CanAuthenticate table.
- Added support for sub directories / folders and paging for ListBlobs table.
- Taken out of beta.

### Qlik Bitly Connector V2

- Updated links to API docs.
- Fixed failing to get username when authenticating.

### Qlik Dropbox Connector

- New table: 'SearchV2'.
- Removed RSS feed link.

### Qlik Facebook Fan Pages Connector

- Updated to v4.0 of Facebook API.

### Qlik Facebook Insights Connector

- pageId parameter type changed to simple dropdown (from dropdown which also allowed text entry).
- Period dropdown now defaults to first value in web UI.
- Table descriptions reduced slightly by removing unnecessary detail.
- Start and end date parameters now have default values set in UI when first shown.
- Updated to Facebook API v8.0.
- **BREAKING CHANGE**: Removed end\_date\_pacific column.
- Updated OAuth flow to use long-lived access token.
- Fixed page\_daily\_video\_ad\_break\_ad\_impressions\_by\_crosspost\_status, page\_daily\_video\_ad\_break\_cpm\_by\_crosspost\_status and page\_daily\_video\_ad\_break\_earnings\_by\_crosspost\_status tables which were making invalid API request.
- Upgraded to version 3.2 of the Facebook Insights and App Insights API.
- **BREAKING CHANGE**: days\_28 was removed as a period value from the following tables: page\_cta\_clicks\_logged\_in\_by\_country\_unique, page\_cta\_clicks\_logged\_in\_by\_city\_unique, page\_call\_phone\_clicks\_logged\_in\_by\_country\_unique, page\_call\_phone\_clicks\_logged\_in\_by\_city\_unique, page\_get\_directions\_clicks\_logged\_in\_by\_country\_unique, page\_get\_directions\_clicks\_logged\_in

\_by\_city\_unique, page\_website\_clicks\_logged\_in\_by\_country\_unique and page\_website\_clicks\_logged\_in\_by\_city\_unique.

- **BREAKING CHANGE:** Period value lifetime changed to day in the following tables: page\_fans, page\_fans\_locale, page\_fans\_city, page\_fans\_country and page\_fans\_gender\_age.

#### **Qlik FTP/SFTP Connector**

- Updated to RebEx 2020 R3 [https://www.rebex.net/total-pack/history.aspx?ct=t\(Rebex\\_2020\\_R3\\_15\\_07\\_2020\)#2020R3](https://www.rebex.net/total-pack/history.aspx?ct=t(Rebex_2020_R3_15_07_2020)#2020R3)

#### **Qlik Google Ad Manager Connector**

- Upgraded from v202002 of the API to v202008. See [https://developers.google.com/DoubleClick-publiishers/docs/rel\\_notes#v202008](https://developers.google.com/DoubleClick-publiishers/docs/rel_notes#v202008) for changes.

#### **Qlik Google AdSense Connector**

- Fix missing creation\_time in Accounts table due to API change.

#### **Qlik Google Analytics Connector**

- profileId and ViewId parameter now converted to a dropdown which is autopopulated with logged in user's values.
- Minor change to how errors are handled and displayed for dynamically populated dropdowns.
- POSSIBLE BREAKING CHANGE: If you include a max-results=??? parameter in the Query URI of the DataFromQueryURI table - this is now used and the connector will no longer force this to the maximum value of 10000 and page through all results. The only way to have the connector page through all results is to not include max-results in your Query URI.
- Added 'Custom dimensions' and 'Custom metrics' parameters to CreateReport table.
- 'Time Period' parameter now supports custom date range.
- Added 'Two Year Back' option to 'Time Period' parameter.

#### **Qlik Google Drive & Spreadsheets Connector**

- Fixed issue with paging through all results in ListFilePermissions and ListFileRevisions tables.
- Improved paging code for ListFiles and ListSpreadsheets tables.
- New ListSharedDrives table added.
- ListFilePermissions now supports shared drives. New columns permissionDetails\_ columns added which will only be populated for shared drive items.
- ListFiles and ListSpreadsheets tables now supports a shared driveId parameter.
- Note - Leave the drive ID blank to search only your personal drive, enter \* to search across all drives. Alternatively enter an ID from the ListSharedDrives table to search only in that drive.
- New driveId and version columns added to ListFiles table.
- Minor reordering of columns in ListFiles, ListFileRevisions, ListSpreadsheets and ListFilePermissions tables.
- ListSpreadsheets table:
  - Added table description.
  - Now has alias columns for qlik date/times for created column.
  - Added new driveId, version, lastModifyingUserName, labels\_starred, labels\_hidden, labels\_trashed, labels\_restricted, and labels\_viewed columns to the ListSpreadsheets table (note

the author\_name and author\_email are not populated for shared drive items as noted in the API docs <https://developers.google.com/drive/api/v2/reference/files#resource>).

- Added a query parameter. This is internally appended with an 'and' to the filter for mimeType='application/vnd.google-apps.spreadsheet'.
- POSSIBLE BREAKING CHANGE: If no query parameter is supplied, this table no longer returns deleted (trashed) items.
- **BREAKING CHANGE:** Removed dependency on v3 of the Google Spreadsheets API which is deprecated as of September 30 2020. The following columns are no longer available in the ListWorksheets table: 'id', 'updated'. There are also now new 'sheetId' and 'index' columns. You should regenerate any load statements which use this table and adjust your script accordingly.

### Qlik JIRA Connector

- projectIdOrKey parameter now converted to a dropdown which is autopopulated with logged in user's values.
- Added fields\_outwardIssueLinks and fields\_inwardIssueLinks columns to Issues table. These concatenate the collection of related issues in the format issue1Type|issueId1|issueKey1,issue2Type|issueId2|issueKey2 and can be split out into related tables using qlik script. These are designed to replace the fields\_issueLinks\_ids and fields\_issueLinks\_keys columns which did not capture the inward/outward or type nature of these links.
- Added 'Custom field IDs' parameter to Issues table which takes a comma separated list of custom field IDs e.g. customfield\_100001,customfield\_100002 and returns the data as new columns customfield\_100001\_XML, customfield\_100002\_XML etc. This works best for fields with simple numerical or string values, otherwise it will convert the JSON inside this custom field to XML and put this in for the column value.
- Improved CanAuthenticate response checking logic.

### Qlik Mailbox IMAP Connector

- Updated to RebEx 2020 R3 [https://www.rebex.net/total-pack/history.aspx?ct=t\(Rebex\\_2020\\_R3\\_15\\_07\\_2020\)#2020R3](https://www.rebex.net/total-pack/history.aspx?ct=t(Rebex_2020_R3_15_07_2020)#2020R3)

### Qlik Mailbox POP3 Connector

- Updated to RebEx 2020 R3 [https://www.rebex.net/total-pack/history.aspx?ct=t\(Rebex\\_2020\\_R3\\_15\\_07\\_2020\)#2020R3](https://www.rebex.net/total-pack/history.aspx?ct=t(Rebex_2020_R3_15_07_2020)#2020R3)

### Qlik Microsoft Dynamics CRM Connector

- Connector is now deprecated and will be removed in a future version. Please upgrade to V2 of this connector.
- Fixed progress bar not showing correct results.

### Qlik Microsoft Dynamics CRM Connector V2

- Entity set name now allows underscores as well as alphanumeric characters
- Taken out of beta.
- Added select\_account option to Prompt / consent level parameter.

### Qlik OData Connector

- Relax CanAuthenticate check (only checks for 200/OK instead of assuming XML will be returned).
- Improve error message when JSON is returned.

### Qlik Office 365 Sharepoint Connector

- GetFile table will no longer show a text preview of files larger than 5MB.
- Added 'Sub Site Path' as a parameter to the SiteUsers table.
- 'Sub Site Path' parameter now named 'Site/Subsite Path' and more examples given in tooltip text to indicate that this can also contain the path to a different site collection as well as subsites.
- Added select\_account option to Prompt / consent level parameter.

### Qlik OneDrive Connector (v2)

- Fixed parsing of fileInfo\_lastAccessedDateTime and remoteItem\_fileSystemInfo\_lastAccessedDateTime columns.
- Added select\_account option to Prompt / consent level parameter.

### Qlik Outlook 365 Connector

- Renamed Calendar table to EventsForCalendar.
- New Tables: Calendars, AllEvents.
- Taken out of beta.
- folderID parameter now converted to a dropdown which is autopopulated with logged in user's values.
- Fix search query bug.
- Added select\_account option to Prompt / consent level parameter.
- Fix search query bug.

### Qlik Qualtrics Connector

- The startDate parameter is now named recordedStartDate (old parameter name still works).
- The endDate parameter is now named recordedEndDate (old parameter name still works).
- recordedStartDate and recordedEndDate parameter now supports format: yyyy-MM-dd, yyyy-MM-dd HH:mm:ss or yyyy-MM-ddThh:mm:ssZ.
- Updated generated script for additional date & time fields.
- Taken out of beta.

### Qlik Slack Connector V2

- userId parameter now converted to a dropdown which is autopopulated with logged in user's values.
- Added user\_id column to Profile table.
- **BREAKING CHANGE**: removed deprecated message\_replies from Reactions table.

### Qlik SMTP Connector

- Now allows up to 10 attachments (previously up to 5 were permitted).
- Updated to ReBEx 2020 R3 [https://www.rebex.net/total-pack/history.aspx?ct=t\(Rebex\\_2020\\_R3\\_15\\_07\\_2020\)#2020R3](https://www.rebex.net/total-pack/history.aspx?ct=t(Rebex_2020_R3_15_07_2020)#2020R3)

### Qlik Strava Connector

- **BREAKING CHANGE:** Due to recent Strava API changes, we have removed the following tables: SegmentLeaderboards.
- **BREAKING CHANGE:** Due to recent Strava API changes, we have renamed the 'premium' column to 'summit' for the Athlete table.
- Added the following tables: ListStarredSegments, GetSegment, SegmentEfforts.
- Taken out of beta.

### Qlik SugarCRM Connector

- Upgraded to version 11 of the SugarCRM API.
- New table: Contracts.

### Qlik Sumo Logic Connector

- Taken out of beta.

### Qlik SurveyMonkey Connector

- surveyId parameter now converted to a dropdown which is autopopulated with logged in user's values.
- New Columns: GetRespondentList: metadata\_contact\_first\_name, metadata\_contact\_last\_name, metadata\_contact\_email, custom\_variables.
- New Columns: GetResponses: custom\_variables, metadata\_contact\_email, metadata\_contact\_first\_name, metadata\_contact\_last\_name, total\_time, date\_created, date\_modified, href.
- Taken out of beta.

### Qlik MeaningCloud Connector

- Fixed help link.

### Qlik RegEx Connector

- Fixed help link.

### Qlik Repustate Connector

- Fixed help link.
- No longer supports the noCache parameter which allowed forcing the retrieval of new data even if it was present in the cache.

### Qlik Sentiment140 Connector

- Fixed help link.

### Qlik Twitter Connector

- **POSSIBLE BREAKING CHANGE:** The CustomRequest table now uses a different strategy for converting the JSON API response to XML. In particular, colon (:) characters are now converted to `_x003A_` instead of `_colon_`. If you are using this table you will likely need to adjust your Qlik script.



- The UserLookup table no longer supports the noCache parameter which allowed forcing the retrieval of new data even if it was present in the cache.

#### **Qlik YouTube Analytics Connector**

- Removed invideoPromotion parameter from MyChannel API request (to avoid 400 / unexpectedPart error).
- Date, metrics and dimensions parameters now have default values set in UI when first shown.

## **Known Issues**

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### **IP v6 Addresses**

IP v6 addresses are not supported when you enter an IP v6 address for the purpose of white listing.

### **Load Balancing**

Load Balancing is not supported.