# QlikView April 2019 SR1

Release notes

LEAD WITH DATA™  Qlik

**TABLE OF CONTENTS**

# What's new in QlikView April 2019

The following is a list of new features and improvements included in this release of QlikView. See also the What's new page on help.qlik.com:

What's New in QlikView April 2019?

For a list of system requirements see the System requirements page:

System Requirements for QlikView

## Links to QlikView documents in Qlik Sense Enterprise cloud hub

With QlikView April 2019 you can schedule and publish links to QlikView documents in a cloud hub on Qlik Sense Enterprise on Cloud Services or on Qlik Sense Enterprise on Kubernetes. This capability provides the ability to have one common portal for both QlikView and Qlik Sense. When clicking a QlikView link in the Qlik Sense cloud hub, you are redirected to the QlikView Server environment, where the document is opened.

Publish a link to a QlikView document in a Qlik Sense cloud hub

## Support for QlikView and Qlik Sense unified licensing

QlikView April 2019 includes support for unified licensing, which gives each user a single key to access both QlikView and Qlik Sense. This new licensing solution is particularly valuable to those who have taken advantage of dual-use licensing. Unified licensing reduces license management challenges and improves compliance. Through compatibility with the Qlik Licensing Service, customers have an increased level of visibility into Qlik license usage. Finally, updates to the April 2019 Qlik Sense License Monitor give organizations better management across both products.

Licensing QlikView

## Updated QlikView Governance Dashboard

QlikView April 2019 brings the introduction of a new App Profiler within the QlikView Governance Dashboard. The App Profiler answers questions about different QlikView app characteristics, so you can identify which would be the most viable candidates for migration to Qlik Sense. Answer questions about apps most-frequently used, complexity, and compatibility with Qlik Sense. You may also configure thresholds corresponding to the app's findings. The QlikView Governance Dashboard is available on the QlikView Download site.

## Qlik Licensing Service Reference Guide

With the introduction of the Qlik Licensing Service in Qlik Sense February 2019 and QlikView April 2019, Qlik has developed an alternative process for product activation. To allow for Customers to make the decision when to move, Qlik has introduced the use of a Signed License Key to determine which activation method to use.

For detailed information on the Qlik Licensing Service, read the Qlik Licensing Service Reference Guide.

# Upgrade notes

### New License Service component for QlikView April 2019

In QlikView April 2019 or later, a new License Service component is delivered together with QlikView. This service is used when the signed key is used for product activations. The License Service will connect to a License Backend Service, hosted by Qlik, for product activations and Entitlement Management. This activation process is required for using a unified licensing solution.  The new activation process is currently optional for QlikView Server. The use of this activation process is also required if you want to use the new Professional and Analyzer Users licenses (user-based) and Analyzer Capacity licenses (capacity-based) introduced with QlikView April 2019.

The License Service uses port 443 for accessing the end-point at https://license.qlikcloud.com and retrieving license information.

QlikView Architecture

# Bug fixes

QlikView April 2019 comes with fixes for the issues listed below.

### QlikView April 2019 SR1

**Decreasing stress from the .TShared files**

Jira issue ID: QV-14779
Description: The fix for this bug brings improvements and optimizations in handling of .TShared files, specifically through adjusting the amount of times the .TShared writes to disk.

**Report showing wrong results and changing selection in Listbox**

Jira issue ID: QV-16985
Description: Bookmarks created after selection from an action button triggered text search where applied wrong.

**Licenses service does not use the configuration in SCHANNEL to restrict the security protocols used**

Jira issue ID: QLIK-95026
Description: The licenses.exe service used security protocols that was disabled in the SCHANNEL configuration. Now the licenses.exe uses the security protocol configuration of the SCHANNEL. This only applies to Windows deployments.

**"General Script Error" when Binary reload a qvf**

Jira issue ID: QLIK-95577
Description: Saving a document after a reload can under some circumstances result in an incorrectly persisted data format. The saved document (QVW/QVF/QVD) cannot be opened (with data) by the engine or be binary loaded from. It is table and field data of certain byte sizes that are incorrectly encoded.
Note: On versions with the fault, the only way to get the data to save correctly is to run with the setting ParallelFieldWrite=0 in the appropriate Settings.ini. This setting does not restore incorrectly encoded files.

## QlikView April 2019

### Selection of variables did not work after upgrade

Jira issue ID: QV-12391
Description: After upgrading from QlikView 11.20 to QlikView 12.10, the selection of a variable stopped working.

### Performance degrade in date formatting

Jira issue ID: QV-13784
Description: Performance degrade in date formatting when loading from a .qvd file.
Note: This mostly concerned reloads where a date field with a different date format than in the app was loaded from a .qvd file. This is a performance improvement on date formatting and not a "fix", since the original degrade was deliberate for correctness.

### QlikView Server: Warning System: OpenFileOrURL: An exception (badPath ) logged in QlikView Server Event Log

Jira issue ID: QV-14154
Description: Images in text object that failed to load produced error messages that did not point to what object or document the error occurred in. The change fixes the log entry so that the customer can locate the object the image in the document and correct the bad image path.

### Sorting in List Box broken by session recovery

Jira issue ID: QV-14352
Description: If the sort criteria of a List Box is auto-ascending sort by state, then applying a session recovery bookmark brakes the sorting of that List Box. This is no longer the case.

### Supervisor access is not updated

Jira issue ID: QV-14879
Description: Permissions for supervisors were not updated after running a distribution task.

### Selections not always shown on top of list boxes if the field is an expression

Jira issue ID: QV-14993
Description: If the List Box has "sort by state" as the only sort criteria, the values within each state are shown in random order. The top value in the List Box is the first loaded value. With this fix the first selected values are shown at the top of the List Box.

### Chart using Cyclic Group causes "Drawing of chart failed internally"

Jira issue ID: QV-14995
Description: A chart using a cycle group as dimension in combination with one or more disabled dimensions would result in a "Drawing of chart failed internally".

### QlikView Desktop and QlikView Batch SelectValues performance degraded for large fields

Jira issue ID: QV-14999
Description: SelectValues in non-server QlikView configurations no longer used indexed selection application to the field, causing a considerable loss of performance for fields with a large number of symbols. The indexed lookup is now restored.

**Improved error message when fetched items exceeds the Active Directory limit**

Jira issue ID: QV-15075
Description: Previous error message UNEXPECTED_END_OF_DATA has been replaced with a more informative message when fetched item exceeds the Active Directory limit.
Note: The Active Directory limit depends on type of Windows Server. For Windows Server 2008 and above, this limit is set to 5000 items.

**Variable comments should now always be saved**

Jira issue ID: QV-15124
Description: If you edited the variable comment, but not the definition the change was not saved. This should now be fixed.

**Missing support for xlsx files**

Jira issue ID: QV-15143
Description: Support reading smaller xlsx excel files produced by some web services. These files are smaller because they omit some information normally written in the Excel file. QlikView / Engine updated to handle this properly.

**QlikView AJAX: QlikView Server can crash as List box in AJAX has not a character max limit**

Jira issue ID: QV-15244
Description: A character limit of 1000 was added to prevent server crashes.

**Session log entries would not correctly reflect bytes received and sent**

Jira issue ID: QV-15248
Description: If the session was closed for a reason different than "Socket closed by client", session log entries would usually log zero bytes received and sent.

**Structure of pivot table broken due to another bug fix**

Jira issue ID: QV-15330
Description: Due to a change erroneously implemented while fixing QV-13003, the structure of pivot tables is sometimes broken. This causes wrong or additional dimensions to show up in the pivot table. The unwanted change has now been corrected allowing to retain the fix for QV-13003, while restoring the missing functionality.

**Value on Datapoint sometimes gets wrong color**

Jira issue ID: QV-15406
Description: In charts with Stacked bars that have "Value on datapoints" and uses the TextColor sub-expression, the color of the text would sometimes be using the color from a zero value expression instead of the non-zero expression.

**QMC: Get "Invalid request parameter" when edit task in Task view**

Jira issue ID: QV-15432
Description: Xrf protection cookies that was set per request sometimes got mixed up, resulting in failing requests.

**QlikView AJAX: Temporary Incorrect rendering visualizations after migration to QV November 2017**

Jira issue ID: QV-15434
Description: A logic flaw caused the object to update and re-render when not needed.

**Possible to remove document objects from an active session**

Jira issue ID: QV-15563

Description: A degrade was allowing to remove document objects from an ongoing session in AJAX. Objects were however not removed from the document, and so they reappeared when the document was reopened.

**QlikView Javascript API: Definition of SelectValuesInColumn() is missing a parameter**

Jira issue ID: QV-15618

Description: Definition of SelectValuesInColumn() is missing a parameter.

**Internal Fatal Error if using "AND mode" on the List Box**

Jira issue ID: QV-15648

Description: Some rare scenarios with AND mode caused an "Error: Internal fatal error".

**XML load improvements**

Jira issue ID: QV-15728

Description: Associations between tables of different levels in XML are now always created. Further, fields that are located on the same tag are always presented in the same table. For QlikView only unique label creation has been improved.

**SingleObjectActiveIndex macro no longer working**

Jira issue ID: QV-15735

Description: It is no longer possible to change `SingleObjectActiveIndex` in the container properties from a macro. For a detailed description of the new procedure, see the "SingleObjectActiveIndex replaced by ShowSingleObject in container properties" in the "Known issues and limitations" section.

**Impossible to send alert emails to an email address that doesn't end with .com**

Jira issue ID: QV-15779

Description: Verification of the email address was too strict and imposed many limitations.

**VB/JScript Macro cannot be executed in QV Server reload in November 2018**

Jira issue ID: QV-15794

Description: VB/JScript macros contained in a QVW file could not be accessed by the QVB while performing reload tasks. The following QVB error was returned: `Unexpected token: '(', expected one of: ',', ':', 'OPERATOR_PLUS', 'OPERATOR_MINUS', 'OPERATOR_MULTIPLICATION', 'OPERATOR_DIVISION', 'OPERATOR_STRING_CONCAT', ...`

**The Japanese sort order of QlikView is different from the Excel sort order**

Jira issue ID: QV-15821

Description: For halfwidth katakana the voiced characters are realized as two separate character with the dakuten and handakuten not being integrated with the main character. This has caused the sorting order to be strange, at least in comparison to what is found in excel where these voicing marks are simply ignored when sorting. After the fix, the voicing marks should not affect the sorting, just like they don't when sorting full width katakana.

**Internal Server Error when opening qvw file on the Access Point (due to empty variables)**

Jira issue ID: QV-15831

Description: This Error is cause by empty variables. To avoid this issue, remove empty variables.

**Internal Server Error when opening qvw file on the Access Point (due to duplicated variables)**

Jira issue ID: QV-15881

Description: This Error is cause by duplicated variables. To avoid this issue, remove duplicated variables.

**Send to Excel AJAX: Send to Excel performance issue in November 2017 SR5 and above compared to 11.20**

Jira issue ID: QV-15889

Description: No specific fix for this issue. Solved with the fix for QV-15664 (Export on server to xml when much data is used results in 0 kb file).

**Skia issue - First Empty Line and tab character is not handled properly**

Jira issue ID: QV-15904

Description: This fix solves a problem about displaying text when first line is empty string (only a '\n' character), or when there is a tab ('\t' character) in string line.

**Skia issue - Tooltip format changed in QV Desktop November 2018**

Jira issue ID: QV-15928

Description: Skia in QlikView Desktop November 2018 changes way of showing Tooltip. This issues happens when tooltip string is either very long or containing `new line`(chr(10) character, where tooltip could be truncated or not aligned properly.

**Application freezes IE plugin after making selections in November 2017 SR7**

Jira issue ID: QV-15950

Description: The issue seems to be solved through a combination of fixes for mitigating situations leading to fiber loop stalls and a rework by the customer of some very complicated expression.

**Sharedfile cleaning tool cannot remove first user specified in the list file**

Jira issue ID: QV-15954

Description: Sharedfile cleaning tool upgrade required for initial BOM in the file provided to remove specified users.

**Skia issue - Multibytes language rendering incorrectly when using a font that doesn't contain all needed code points**

Jira issue ID: QV-15961

Description: The fix solves an issue about displaying multi-bytes languages (CJK, Hindi, Hebrew etc) if the font doesn't contain all needed code point. Now, skia gets proper fall-back font from system to show character correctly.

**Incorrect results shown when using custom scale**

Jira issue ID: QV-15962

Description: On a slider object with "Multi Value" mode and "Continuous/Numeric" value mode, the end values of the interval have been set to wrong values. This have cause wrong values to be selected and some unexpected behavior when moving the interval.

**Not able to open a QlikView file after upgrade from QlikView November 2017 to November 2018**

Jira issue ID: QV-16032

Description: Error message: "Access denied!. the server() is currently out of session and usage cals". The problem occurs when images of type .tiff (Tagged Image File Format) are used. Images in .tiff extension are not supported following the implementation of the Skia graphics library. See the "Known issues and limitations".

**Skia issue - Export StraightTableBox with hidden columns sometimes fails silently**

Jira issue ID: QV-16036
Description: Fixes a problem where a QV request sometimes fails silently in backend when exporting straight table box with hidden columns.

**Reload containing macro fails in command line reload**

Jira issue ID: QV-16115
Description: By disabling the legacy scripting from QlikView November 2018 and only allowing the new one, an additional change was required for QVB to be able to access macros.

**Trendlines incorrect when using logarithmic scale on axes**

Jira issue ID: QV-16121
Description: Trendlines are now correctly rendered in charts that use logarithmic scale on one or more axes.

**QlikView Desktop - QV.exe stops responding with multiple containers**

Jira issue ID: QV-16159
Description: The error was triggered by an outer source changing properties on more than one container at the same time. This has erroneously led to a situation with requests aborting each other in an eternal chain. Now corrected so that this chain of abortions should not happen.

**Previous open file list brings QV Desktop to crash or gray out list boxes**

Jira issue ID: QV-16163
Description: When using long right to left language names QlikView Desktop will crash on open or show gray boxes instead of the Example, Recent, and Favorite list boxes.

**Export to Excel not working after upgrading to November 2018**

Jira issue ID: QV-16199
Description: Fix for a problem where a QV request sometimes fails silently in backend when exporting straight table box with hidden columns. This is the same fix as for QV-16036.

**QVB Loop-and-reduce of document with Input Fields resulted in a corrupt document**

Jira issue ID: QV-16234
Description: A reduce task that reduced a document to a new copy (QVB reduce) resulted in the reduced document copy becoming invalid if the source document contained Input Fields. The reduction did not have to apply to the Input Field for this to occur. The resulting document could not be opened.

**Set Analysis with single quotes does not work with literal match (single quotes) of dual values**

Jira issue ID: QV-16253
Description: Fixed problem where set expression containing single quotes does not match the textual field.

**QlikView Desktop - Google Map backgroup display disappears**

Jira issue ID: QV-16260
Description: This problem only occurred for Desktop and associated to some internal asynchronous tasks not been allowed to execute.

**Data Reload causes selection coloring to disappear when using IE Plugin**

Jira issue ID: QV-16266
Description: Fixed issue where selections are applied on wrong alternate state on some automatic refresh scenarios.

**"Cannot Update. Database or Object is read-only"**

Jira issue ID: QV-16269
Description: Quoting of Excel and Access files is removed so that such files can be loaded with an ODBC connection.

**Selection in pivot table not working correctly in QlikView Desktop**

Jira issue ID: QV-16272
Description: With top dimensions in a pivot table, a selection done in the pivot table is not performed correctly and only values from the left dimensions are selected. This is now fixed.

**Improved handling of text on axis**

Jira issue ID: QV-16274
Description: Charts using text on axis that had slanted/vertical labels should now still show text on axis when there is enough space.

**Selected values in listbobx are not showed at the top in QlikView November 2017 SR6**

Jira issue ID: QV-16289
Description: Listboxes have not always been sorted correctly when a document is opened. Later, when an operation causes a recalculation of the listbox content, the sorting has also been corrected. The issue that was cause by an incorrect fix for another issue, has been resolved by a correction the validation of the listbox.

**Legend header should not be suppressed when legend contains more values than those shown**

Jira issue ID: QV-16447
Description: Legend list is suppressed when the number of values exceeds ChartLegendCutoff setting (default 1000). Now the header for the legend should still be shown so that Cycle/Drill button is available.

**Issue with Section Access and OMIT after upgrade**

Jira issue ID: QV-16448
Description: There is instability when checking Access for users that have certain fields hidden with the OMIT keyword. Instability leads to users not getting access at all.

**Ajax client: Text in listbox shown in white color in Chrome and Firefox browsers**

Jira issue ID: QV-16457
Description: Css styles were wrongly grouped together during build causing faulty styling.

**Line break chr(13) is broken and replaced by a small square**

Jira issue ID: QV-16467
Description: Line break character need special characters for the different OS, DOS, Linux and MacOS after the introduction of SKIA. Erroneously is has been displayed as a small square. This is now fixed.

**Some UTF-8 text files could not be inserted into script**

Jira issue ID: QV-16535
Description: Text files whose format cannot be identified will now be handled as UTF-8 when included in script.

**Charts using Disabled Dimensions not working correctly**

Jira issue ID: QV-16548
Description: In charts the use dimensions with enable conditions causes enabled and disabled dimensions mixed up resulting in various problems ("Drawing of Chart Failed", wrong dimension labels...).

**Desktop WebView mode: Script error message after a refresh**

Jira issue ID: QV-16553
Description: Pressing F5 for refresh gave an error message.

**Issues with "send to excel" for tables**

Jira issue ID: QV-16572
Description: Send to excel functionality for tables was solved by other bug fixes in this area.

**Line feeds in headers get lost when exporting to Excel**

Jira issue ID: QV-16576
Description: Added support of `Wrap Text` format in export excel.

**Remember Login Credentials during session should now work again when connecting to a server**

Jira issue ID: QV-16590
Description: Login credentials for section access should now be remembered during a session if using Plugin/Desktop as client if that user setting is enabled.

**Cluster join denied, Qlikview Server OffDuty for IPv6**

Jira issue ID: QV-16657
Description: There was a potential race condition when processing joining cluster requests. Also, a new event log with the number of joining requests to the processing node has been added.

**Tasks remaining in queue**

Jira issue ID: QV-16660
Description: Task remains in queue if its name ends with space and it never changes status to running.

**Qlik NPrinting On-Demand add-on did not working with QlikView 11.20 and 12.10**

Jira issue ID: QV-16668
Description: Qlik NPrinting On-Demand add-on February 2019 did not work with QlikView 11.20 and 12.10. Only February 2019 IR was affected by this limitation.

**Listbox Border bug with QlikView when changing from Normal to WebView**

Jira issue ID: QV-16688
Description: An initialization for vertical cell borders remained even after selecting no cell borders. The initialization has been removed.

**Session ID field in QVS Session log breaks the QlikView Governance Dashboard 2.0.5 after upgrade to November 2018 IR**

Jira issue ID: QV-16722
Description: A new "Session ID" field introduced in QlikView Server logs in November 2018 IR changed the order of columns within these logs. For customers upgrading from prior versions of QlikView Server, this change in log column order will break the QlikView Governance Dashboard 2.0.5 app unless the QlikView Server logs are set to split daily. The fix for this moves the new Session ID field to the first column so as to not break existing logs.

**Different behavior when using "Open in Server" between QlikView Desktop November 2017 and 2018**

Jira issue ID: QV-16744
Description: "Properties" has erroneously been part of the menu that shows up when you right click on an object in a document that is opened through "Open in Server". This is now corrected.

**Qvx files are created in Windows temp folder during each reload, filling the disk**

Jira issue ID: QV-16939

Description: Loading document metadata from qvw/qvd files (load as 'XmlSimple') caused qvx files to be created in the Window temp folder and they were not cleaned up when the reload ended. The files were unintended and are no longer created.

**Blank values for attribute fields when loading schema table in a XML file in QlikView November 2018**

Jira issue ID: QV-17143

Description: Fixed an issue where Engine considers ':' as a separator and hence XML fields like x::y gets unintentionally divided.

## About Qlik

Qlik is on a mission to create a data-literate world, where everyone can use data to solve their most challenging problems. Only Qlik's end-to-end data management and analytics platform brings together all of an organization's data from any source, enabling people at any skill level to use their curiosity to uncover new insights. Companies use Qlik to see more deeply into customer behavior, reinvent business processes, discover new revenue streams, and balance risk and reward. Qlik does business in more than 100 countries and serves over 48,000 customers around the world.

**qlik.com**