



Release notes

QlikView Version 11.2 SR11

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1 General comments

This document covers QlikView build 11.2.12852, Service Release 11. Information about QlikView 11.2 SR1-SR6 are not included, but can be found in the SR6 Release Note.

The release contains components of QlikView Desktop, QlikView OCX, QlikView Server, QlikView Publisher, QlikView web parts for Microsoft SharePoint(R), QlikView Workbench and all clients except clients for mobile devices.

1.1 New in QV11.2 SR11

1.1.1 Errors in Expressions - syntax errors displayed in chart objects which previously did not show an error

As a result of fixing bug 69228 "Syntax checker not working", syntax error messages in object expressions are now returned to objects instead of returned as NULL. This may result in an object which rendered in SR10 or earlier, displaying an error message in SR11 ("Error in expression"). In addition, QlikView Server will generate an error message in the QlikView Server event log every time a faulty expression is evaluated. To avoid disruption in existing production environments and potentially large growth in event log file size, this will only be ON in QlikView Desktop and by default turned OFF in QlikView Server.

You are able to turn this ON by adding `SilentErrorInChart=0` to the Settings.ini file for QlikView Server (C:\ProgramData\QlikTech\QlikViewServer). We recommend that in test/development/QA environments that this setting is turned ON so that errors in expressions are logged and faulty expressions can be identified and corrected. Errors will be logged in the QlikView Server Events log only if `SilentErrorInChart=0`, an example log entry is below:

Error SE_LOG: Expression Error. Doc: S&D Dashboard.qvw, ObjectId: Document\CH14, Expr(4).

1.1.2 QVS stability

A number of improvements have been made and several bugs have been fixed regarding QVS stability, both in single and clustered environments. The improvements will be most noticeable in high-pressure clustered scenarios.

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1.1.4 QDS improvements

A number of improvements regarding QDS reliability in clustered environments. We recommend all customers with clustered QDS environments to upgrade.

1.1.5 Support for Internet Explorer Touch

Touch mode on tablets or hybrid computers with Internet Explorer should now have the same functionality as Safari and Chrome.

1.1.6 Direct Discovery Sub queries

Additional capability has been added in the cases where more than one table/view within the application is in Direct Discovery mode. A new Set statement can be used:

```
SET DirectEnableSubquery='true';
```

This will invoke SQL sub queries to be generated when filters are applied to a table which involves limiting the dataset in another associated direct discovery table (without this a large IN clause may be generated)

The following limitations apply when using subqueries:

Subquery syntax is only invoked when you select data which involves filtering a chart using data from another table.

The amount of data within the keys is the determining factor, not the number of keys.

Subqueries are only invoked if all tables involved are in Direct Discovery mode. If you filter the chart using data from a table included in memory mode, an IN clause will be generated.

1.1.7 Possibility to turnoff “Execute” command in Publisher

As a security feature, it is now possible to turn off the ability to use “Execute” command in a script. A new setting, AllowExecuteCommand, which by default is set to 1 is included in the QVB settings.ini file.

This is located in the file path:

"C:\Windows\System32\config\systemprofile\AppData\Roaming\QlikTech\QlikViewBatch".

Changing this setting to 0 will cause any Publisher task with an “Execute command” in the script to fail.

This setting has to be done on all nodes in a QDS cluster.

1.1.8 New API call for load balancing in QVS cluster

The new method allows the caller to find the address of the QVS that currently is most suitable for opening the specified document according to the load balancing settings of the given QV Web Server.

This is to be used when building solutions that is not going through the AccessPoint

New QMS API method call:

```
Uri SelectServer(Guid qvwsID, string document);
```

Example:

```
ServiceInfo[] qvsServices = qms.GetServices(ServiceTypes.QlikViewWebServer);
```

```
Guid serverID = qvsServices[0].ID;
```

```
Uri serverURI = qms.SelectServer(serverID, "MyDocumentName");
```

1.2 New in QV11.2 SR10

1.2.1 New Pie chart color option

Now possible to define color of the lines around the sectors in a Pie chart. In the properties Color tab of the chart, you can now find the Sector outline property. Please note that calculated colors do not work for this setting.

1.3 New in QV11.2 SR9

1.3.1 iOS8 Safari support

This release now supports iOS8.1 with Safari/AJAX use. Due to several issues in iOS8.0, this will not be supported. Our native iOS apps are currently being adapted for iOS8.

1.3.2 New Trigger option in QMC

When configuring a trigger for a task in the QMC, you now a new option available. Previously you could choose Once/Hourly/Daily/Weekly/Monthly, now also “Continuously” is added. Choosing this option will restart the task as soon as it has finished.

1.4 New in QV11.2 SR8

This release includes the following major changes:

1.4.1 New Client language: Polish

The AJAX Help will be included in SR9.

1.4.2 Configurable AJAX

Configurable Ajax Messages

Some of the messages sent in the AJAX client can now be configured to your own wording or translated to another language.

You can change these messages in the file "customTranslations.js" supplied in the "Program Files\QlikView\Server\QlikViewClients\QlikViewAjax\htc\customFiles" folder on the machine where the QV WebServer runs.

A file named customTranslationsExample.js is also provided that shows syntax and which messages that can be configured.

Configurable Ajax functions

For new or changed functionality in the AJAX client we will in future releases try to provide a mechanism where you can choose to turn these functions/changes On or Off.

This configuration file is named customConfig.js and placed in "Program Files\QlikView\Server\QlikViewClients\QlikViewAjax\htc\customFiles" folder on the machine where the QV WebServer runs.

A file named customConfigExample.js is also provided that shows syntax and which functions/changes that can be configured.

Currently these features are configurable:

- TranslationEvents (see above Configurable Ajax Messages, default ON)
- MultiselectCalendar (possibility to select more than one day in Calendar object, default ON)
- InputDeviceRotator (possibility to switch between Mouse/Touch input on hybrid devices, default ON)

1.4.3 Alternate state parameter for certain functions

New parameter added to the functions "GetSelectedCount()", "GetFieldSelections()" and "GetCurrentSelections()" to query other states than the main state.

E.g. =GetFieldSelections(Quantity, ',', 'StateA')

1.5 New in QV11.2 SR7

This release includes the following major changes:

1.5.1 Windows XP / Vista and Internet Explorer 6 & 7

Since Microsoft has stopped their support of Windows XP on the 14th of April we have decided to remove Windows XP from our list of supported platforms. At the same time we decided to remove Windows Vista and Internet Explorer 6 & 7 from the list due to low usage in our customer base. The product will still be installable on both XP and Vista and you can still report issues, but these issues will most likely get low priority.

1.5.2 Direct Discovery Enhancements

3 key features have been added to this release:

- Support for multi-table queries
 - Direct Discovery can be used to load more than one table/view and supports ANSI SQL join functionality. A limitation exists in the fact that in a single chart all measures must be derived from the same logical table in QlikView, this could in fact be a combination of tables from source linked via join statements.
- Support for server side section access
- Support for Teradata Query banding

1.5.3 Task performance summary

New task performance summary added that will provide information about the amount of RAM used, CPU and QVB elapsed time.

Information is to be used for planning and troubleshooting purposes.

RAM information

Peak RAM:

- - The highest amount of consumed RAM during the task run, divided into physical and virtual.

Total peak RAM:

- - The highest amount of consumed RAM during the task run for all processes combined on the machine, divided into physical and virtual.

Average RAM

- - The average value of RAM used for the task, divided into physical and virtual.

CPU information

QVB peak CPU:

- - The highest amount of consumed CPU during the task run used by the task process (QVB).

Total peak CPU:

- - The highest amount of consumed CPU ran during the task for all processes on the machine.

Average CPU:

- - The average CPU usage for the task, shown as a percentage.

Elapsed time:

- - Log the elapsed time run for the QVB.

Setting up:

The task performance summary can be activated by setting the *EnableQVBProcessSummary* to 1 in the QVB Settings.ini file.

Default location of the QVB Settings.ini file:

C:\Windows\system32\config\systemprofile\AppData\Roaming\QlikTech\QlikViewBatch

Note: The last row in the ini file needs to be blank.

1.5.4 Support for document administrator group with cross domain groups

Starting with v11.20 SR7 it will be possible to use the document administrator group in setups involving multiple domains.

Note:

Using multiplied domains can result in a performance impact, where the use of cache is recommended.

How to use cache:

Add/Change configuration key in QVManagementService.exe.config

```
<!-- DocumentFolder Admin Cache Enabled -->  
<add key="DocumentFolderAdminCacheEnabled" value="true" />  
<!-- DocumentFolder Admin Cache Expiry in minutes -->  
<add key="DocumentFolderAdminCacheExpiryMinutes" value="15" />
```

1.5.5 CAL allocation audit added to QlikView server event log

Information of which administrator that adds or removes a CAL has been added to the QlikView server log file.

1.5.6 Support to get Session and Usage CAL information using API

Adds support to use the API to get information regarding the Session and Usage CAL ex. LastUsed, MachineID, UserName, QuarantinedUntil (when applicable).

Note:

An update of the service reference could be needed when upgrading from a previous version to enable the new values.

1.6 Cross-release compatibility

It is not possible to have multiple versions of QlikView Desktop installed, i.e. the QlikView 11.2 Desktop installer will overwrite a QlikView 10 Desktop installation. However, the QlikView 11.2 Desktop executable file can be copied to any location on the hard drive and run from there without conflicting with the installed QlikView version.

In order to run multiple versions of QlikView Desktop on a single machine, please follow this procedure:

1. Uninstall prior version
2. Install QlikView Desktop v11.2
3. Copy the QV.exe file to a new, safe location
4. Uninstall QlikView Desktop v11.2
5. Install prior version

Following this procedure, you end up with a working version 11.2 QV.exe, but the operating system treats the prior version as your primary version of QlikView.

QlikView 11.2 has a file format compatible with versions 9, 10 and 11.

The QlikView Plug-In client is automatically installed with QlikView Desktop. If the version of either client is changed, it is recommended to do an uninstall of the previous version before installing another version. If any of the installations become unstable, they can be corrected by repairing the affected installation.

QlikView 9 Workbench and QlikView 9 WebParts are not compatible with QlikView 11.2.

1.7 Installation programs

The QlikView Server installation program installs QlikView Server and QlikView Publisher.

The QlikView Desktop installation program installs QlikView Desktop and QlikView Plug-in for Microsoft Internet Explorer by default. To install the Plug-in only, run the QlikView Desktop installation using the custom setup option and select QlikView OCX only. A separate installation program for QlikView Plug-in for Microsoft Internet Explorer is included in the QlikView Server install.

A 64-bit version of the QlikView Plug-In is included in the 64-bit QlikView Desktop installation program. Follow the procedure above to install the 64-bit Plug-in. There is not a separate install program for the 64-bit Plug-in.

QlikView Documentation and Tutorial, QlikView Web Parts for Microsoft SharePoint(R) and QlikView Workbench are delivered in separate installation programs.

1.8 Support material

The new features in QlikView 11.2 are documented in the PDF reference manual and in the help files that can be found in the separate installation packages.

2 Comments on product features

The following features are conscious design decisions and most of them are not likely to change in coming Service Releases.

2.1 Server installation

- It is not possible to install the QlikView Server on a domain controller.

2.2 Clients, Presentation, Layout & Charts

- If data with over 2,147,483,647 unique values is loaded, QV does not load correctly. Also, after 2,147,483,647, the value turns negative as the data is displayed in record number in a statistic box.
- Dimension limits should not be used in tables that contain mini-charts. This will cause an out of memory error.
- The security settings of Internet Explorer may prevent users from exporting data or sending data to Excel when using the plug-in client. The workaround is to add the QlikView server to the trusted sites list or modify the security settings under Internet Options to allow launching of external applications. In addition, ensuring the Enable Protected Mode check box is unchecked may also be necessary.
- AJAX for Small Devices mode is not compatible with Private Browsing in iOS5. In order to have the full functionality of the client you must turn off Private Browsing in Safari.
- On systems using UAC (Windows user access control), WebView may require that QlikView is started using the “Run as Administrator” option.
- The AJAX client will ignore all scroll bar settings except widths.
- The AJAX client does not allow users to change scroll bar settings.
- OnActivate and OnDeactivate Sheet Object Event triggers have been removed from QlikView 11 and later. The sheet level triggers are still available though, only the object level has been removed.
- The Activate and ActivateAll API methods no longer work since the OnActivate and OnDeactivate object triggers have been removed.
- The new, scrollable tab row is not available in Internet Explorer 8 and lower or in older versions of other browsers. In older browsers, the original tab row will be used.
- Beacons are not displayed in the new (scrollable) tab row.
- The vertical label setting on Pivot and Straight tables has no effect in AJAX.
- Prior to QlikView 11 some graphical charts allow an 'others' segment. When these charts are opened in QlikView 11, the X-axis presentation limit and the label are moved to the proper places on the Dimension Limits tab. This is not the case with straight tables. The label will be moved to the Dimension Limits tab but the Max Number of Rows value will remain as it was.
- There is no ‘undo’ functionality on Notes and Comments. If a Note is deleted, it is permanently removed. If an object with Notes is deleted, all of the Notes and Comments for that object will be permanently deleted even though it is possible to undo the deletion of the object.
- Graphical charts with ‘Max Visible Number’ set in version 10 and older will have this setting migrated to the new Dimension Limits tab in the property dialog. The new settings will be to ‘Show Only’ using the ‘Largest’ values
- The default significant digits have gone from 8 to 14. This only affects list boxes and expressions that have not been reformatted from Expression Default.

- The Menu option and Dialog box for interacting with Server objects have been removed. The View | Show Server Objects menu commands should be used to interact with server objects.
- Suppress Zeroes is not being done in Pie and Funnel charts. Zero values were previously suppressed in the front end for expressions in these two charts. With the addition of Dimension Limits, QlikView will no longer suppress zero values for expressions across all chart types. This will affect charts that have only expressions and no dimensions. Zero values caused by dimensions will still be suppressed as before when the option is enabled.
- Scrollbars in AJAX do not respect changes in the settings. This is because the way scrollbars are rendered in AJAX.
- There is no way to choose/upload an image for Backgrounds or Dynamic Backgrounds in the AJAX client.

2.3 Script, ETL and Expressions

- The script parser no longer accepts incomplete quotes (or brackets) around file names.
- The default color scheme for script and expression syntax has been changed.
- On 64-bit systems, 64 and 32-bit QlikView loads both 64 and 32-bit custom connectors. QlikView first looks for 64-bit connectors in the current QV.exe location and then in “Program Files/Common Files/QlikTech/Custom Data”. Further, QlikView looks for 32-bit connectors in the current QV.exe location and then in “Program Files (x86)/Common Files/QlikTech/Custom Data”. If several connectors with the same file name are found only the first one is included into the connector list.
- The macro script debugger is no longer in QlikView. The product is no longer supported by Microsoft.

2.4 Documentation & localization

- WebView help is not completely context-sensitive like the rest of the help. The help will react to the currently selected object but not the properties within the object. The help can be opened from the Help menu or from within the regular QlikView help.
- QlikView documentation is no longer stored in *C:\Program Files\QlikView*. Documentation is now stored in *C:\ProgramData\QlikTech\QlikView Documentation*. In XP and Server 2003, it is *C:\Documents and Settings\All Users\Application Data\QlikTech\QlikView Documentation*

2.5 QlikView Server, QlikView Publisher and Management Consoles

- “Due to a limitation associated with using Microsoft’s COM objects we recommend that you limit the number of QlikView Engines (QlikView Enterprise Management Console>> System>> Setup>> Distribution Services>> Advanced tab) to a maximum of 9 or the number of processor cores available on the host server -1, whichever is lower.” If you have more than 9 processor cores, and wish to run more Engines, contact Support for information regarding a registry change to the Desktop Memory Heap settings on the server.
- The QlikView Server services are designed to run as local administrator. Running with an account that is not local administrator is an unsupported scenario.
- To use the QlikView Management Service (QMS) API the group “QlikView Management API” must be created as a local security group on the QMS machine and the account that uses the API must be part of that group. This will also apply to importing tasks from another QMS. There are two exceptions to this:
 - The API for starting an EDX task and
 - The API for getting status on an EDX task.

- In QlikView 11, EDX runs through the QlikView Management Service (QMS) API. This is a major change from QlikView 10, where EDX is realized by calls directly to a QlikView Distribution Service (QDS).
- Search results may differ between two searches in a clustered Directory Services Connector (DSC) right after a change since each DSC caches individually.
- When using session recovery (session recovery is only applicable for the AJAX client) there will be a Server bookmark in the QlikView Management Console for each user that is using a document. These Server Bookmarks will reappear in the QMC even if deleted because they are generated by QlikView to handle session recovery.
- When losing the network connection - even briefly - there will be errors in the task logs and event log.
- When using Session Collaboration, invitees have the same data access privileges as the session initiator.
- QlikView cannot sustain the inputfields if the document is opened without data. Therefore, any document containing inputfields will always open with data, even if flagged not to do so. When this occurs, a line indicating this behavior will be written to the log file.

3 New functionality in QlikView 11.2

3.1 Direct Discovery

QlikView Direct Discovery capability combines the associative capabilities of the QlikView in-memory dataset with a query model where the source data is not directly loaded into the QlikView data model. The aggregated query result is passed back to the QlikView user interface. The Direct Discovery data set is still part of the associative experience where the user can navigate both on the in-memory data and the direct discovery data associatively.

The QlikView Direct Discovery feature is a hybrid capability where the in-memory and direct discovery data sets can be analyzed together, even in the same chart. The business users can make selections on either of the data sets, and see what is associated and not associated with the same QlikView association colors; green, grey, and white. They can create charts that help them analyze data from both data sets together.

This hybrid approach provides much greater power and flexibility than the data visualization tools or traditional query capabilities because with these tools, the users can either create extracts to an in-memory engine or run queries on the database but cannot do both on the same application persistently.

QlikView Direct Discovery enables users to perform business discovery and visual analysis against any amount of data, regardless of size. With the introduction of this unique hybrid approach, users can associate data stored within big data sources directly alongside additional data sources stored within the QlikView in-memory model. QlikView can seamlessly connect to multiple data sources together within the same interface, e.g. Teradata, SAP, and Google Big Query, allowing the business user to associate data across the data silos.

3.1.1 Limitations

Due to the interactive and SQL syntax specific nature of the Direct Discovery approaches a number of limitations exist.

The following chart type is not supported;

- Mini charts

And the following QlikView features are not supported;

- Advanced calculations
- Calculated dimensions
- Comparative Analysis (Alternate State) on the QlikView objects that use Direct Discovery fields
- Non Dimension Direct Discovery fields are not supported on Global Search
- Binary load from a QlikView application with a Direct Discovery table
- Section access and data reduction
- Loop and Reduce
- Synthetic keys on the Direct Discovery table
- Table naming in script does not apply to the Direct table
- The use of “*” after DIRECT QUERY keyword on the load script (e.g. DIRECT QUERY *)

Considerations from a security perspective.

- All of the users using the QlikView application with the Direct Discovery capability will be using the same connection. With this initial release, authentication pass-through or credentials-per-user are not supported.

- Section Access is not supported.
- With the new NATIVE() expression function, it would be possible to execute custom SQL statements in the database. It is advised that the database connection set up in the load script should use an account with only read access to the database.
- It is possible to flood the database with requests from the client.
- It is possible to get detailed error messages from the QlikView Server log files.
- Log files are automatically generated on the desktop if the direct query fails due to a database error.

4 Upgrading from previous QlikView versions

4.1 QlikView Desktop

To upgrade, previous versions of QlikView need not be uninstalled. However, the previous installation will be overwritten and the settings from the earlier version will be used.

4.2 QlikView Server

4.2.1 From QlikView 10

To upgrade, previous versions of QlikView need not be uninstalled. However, the previous installation will be overwritten and the settings from the earlier version will be used.

4.2.2 From QlikView 11

It is recommended to uninstall earlier versions of QlikView before installing the QlikView 11.2.

5 Known issues

The following issues were identified at release time. The list is not comprehensive; it does however list all known major issues. The ambition is to have the issues fixed in coming versions.

5.1 Clients, Presentation, Layout & Charts

- The **Calendar object in AJAX** client has been replaced in QV11.2 SR4, with a different look and feel, but should otherwise be fully compatible.
- Direct Discovery issues
 - It is not recommended to use the OCX plugin in combination with Direct Discovery.
 - Direct fields do not populate system fields in the same way as in-memory fields. (#51841)
 - Logical data islands in the data model behave differently between Direct Discovery and in memory tables. (#50880)
 - Tablebox not updating when it contains only MEASURE or DETAIL fields and DIMENSION field clicked in Listbox
 - Cannot do a reload when app contains tablebox and textbox at the same time
 - selecting a value in a table box that is in a detail or measure field results in a X through the table box
 - Unexpected behavior on updating data in the source DB with a list box DIMENSION
 - If direct sql data source is down, opening a DD QVW takes several minutes
- The Subversion wrapper has a problem with parsing different language code pages.
- QlikView supports subversion 1.6.17 and 1.7.x. Trying to use other versions may result in incompatibility issues.
- A document with input fields will create a .shared file when it is opened on an Accesspoint. Due to underlying data structures, the .shared file will grow with an average of 50-80 bytes/input field value when the input field value is changed.
- Macros will not function in WebView.
- QlikView 9 (Desktop and Server) cannot open documents that contain the new QlikView 11 actions.
- When upgrading from a prior version to QlikView 11, the internet cache should be cleared before the new AJAX property dialogs can be used.
- Pressing the 'Help' button in the AJAX client invokes help but not context sensitive help.
- When using QlikView Help in Firefox (AJAX), the browser window will resize (reduce in size or minimize).
- When both x86 and x64 versions of QlikView Desktop are installed on a single machine an uninstallation of either will leave some files on the hard drive. These files can be manually removed.
- When using the AJAX client in IE, list boxes with many (>50,000) items will display a white box instead of the values when scrolling / paging though the list.
- The alignment options for Multi-Line captions do not work in the AJAX client in IE7.
- Nested grid containers will expand beyond the outer container when first created in the AJAX client. Pressing F5 or resizing the outer container will fix the problem.

- The ‘Select Report’ dropdown is active in the AJAX client even if the QlikView Server does not allow printing. The users will not be able to print even though it appears they can.
- QlikView 11 can open QlikView 10 project files (XML). If there was a container object in the original QlikView 10 file, it will be lost when opening the project files in QlikView 11. This will corrupt the new QlikView 11 file and the entire container will need to be reconstructed. The work around is to open the QlikView 10 file in QlikView 11 and recreate the project files. Reportedly this could happen with QlikView 11 files as well, please follow same procedure and re-create the project files.
- Creating multi-column list boxes in AJAX is not working correctly. The slider to change the number of columns is not working. However, the user can type a number into the box next to the slider to change the number of columns.
- QlikView will render graphical charts with multiple dimensions and multiple expressions (a combo chart with two dimensions and three expressions, for example) though the chart will not provide much value. Currently, QlikView will produce a ‘drawing failed internally error’ when trying to render graphical (not straight and pivot tables) charts with these characteristics.

5.2 Documentation & localization

- When adding Document Administrators, it shows in the GUI Add users and Groups, but security groups are not allowed as document administrators. (#52143)
- QMC Webhelp is now available in Japanese. To replace English Webhelp with Japanese Webhelp, please rename the two folders (QMCHelp and QMCHelp_JPN) which you typically find under C:\Program Files\QlikView\Management Service. Change “QMCHelp” to “QMCHelp_Old” or “QMCHelp_eng” (or delete the folder if you do not need English help). Change “QMCHelp_JPN” to “QMCHelp” – the Japanese help files will now be accessed when you click the Help icon in the top corner. A PC that has displayed the English help files needs to empty its web cache to ensure the Japanese files are loaded. Any QlikView services running need to be stopped before making the changes and started again after the change was made.
- English documentation for QlikView Desktop is included in this release. Other languages must be downloaded from the QlikView website.
- It is possible to have the Help language different from the QlikView Desktop interface. This can be changed on the General tab of User Preferences.

5.3 QlikView Server, QlikView Publisher and Management Console

- When using Script parameters in a reload task without a loop and distribute, only **one** reload will be executed, i.e. only the first parameter value will be used. The possible workarounds are either to add a loop and distribute to e.g. a scrap folder, or to create one task for each value.
- Network Storage Devices other than Microsoft Windows based shares are known to cause system instability and are not currently supported.
- Running an older version (pre v11) of QlikView Server after having a v11 QlikView Server installed and running will disable the existing anonymous account. In order to run the older version of QlikView Server, the anonymous account must be enabled BEFORE starting the older QlikView Server.
- The suggested filename when downloading from the AccessPoint may have non Western European characters replaced by underscores in browsers that do not support UTF-8 headers.
- If QlikView Server isn’t allowed to disable the anonymous account it will still try every time it starts.

- It is possible to enter more text in document description than will be visible in the Access Point

5.4 QlikView Workbench

- In some situations it may not be possible to edit the properties of an Extension Object created with the Extension Wizard.
- Some of the extension examples use direct links to /QvAjaxZfc/ instead of relative links. This will cause these examples to fail in Workbench (and Web Parts). To make them work LoadExtensionScripts LoadCSS should be used. E.g.:

```
Qva.LoadScript("/QvAjaxZfc/QvsViewClient.aspx?public=only&name=Extensions/QlikView/Examples/geoHeat/raphael.js", geoHeat_Example_Done);
```

changed to:

```
Qv.LoadExtensionScripts(["Extensions/QlikView/Examples/geoHeat/raphael.js"], geoHeat_Example_Done);
```

and:

```
Qva.LoadCSS("/QvAjaxZfc/QvsViewClient.aspx?public=only&name=Extensions/QlikView/Examples/org/main.css");
```

changed to:

```
Qva.LoadCSS(Qva.Remote + (Qva.Remote.indexOf('?') >= 0 ? '&' : '?') + 'public=only' + '&name=' + "Extensions/QlikView/Examples/piechartlabel/style.css");
```

6 Bugs corrected in QV11.2 SR11

ID	Title
42584	iPad - Scrollbar - 'Chart Pivot table' object touching scroll issue
46614	Pie Chart: Slice size is not correct
48512	Section Access: Objects in Containers show headers (labels) even though Section Access should prevent user seeing the object
50323	Y-axis doesn't show proper number format in combo chart when one expression value is empty
53687	Chart object: Expression editor indicates false error when using implicit exclusion
54614	IE Plugin: IE hangs when adding a new sheet object with Plugin 11.20 on QVS 11 SR2
54918	QlikView IE Plugin does not validate Expression, always shown as "Expression OK"
55330	QlikView Developer: Using advanced search from the Edit menu crashes QlikView.
55684	Memory Statistics output "-1.#J" as Size
55717	Desktop WebView Calendar object dropdown "Unexpected exception occurred!"
55756	Plugin: QVPlugin crashes when changing tabs from left to right or other way around
56120	IEPlugin Auto-Ascending for List Box is Active Without Scroll Bar if Session is Established during Reload
56223	Linechart limited by static max value not rendered as expected
56263	QlikView Manual should warn users that creating large table boxes can lead to unrestricted memory growth
57230	Using a QVS cluster for WorkBench delays load from second QVS node
57382	WebView: copied objects almost invisible when minimized
57494	Cycle button breaks
58199	Current selections box not showing all the current selections through IE-plugin
58207	Security: Save Documents (user) disabled for admin users
58579	Pivot and Straight table data not updated when opened via AJAX
59323	Performance degrade when opening document QV10 vs QV11.20
59500	Chart expression image not working in 11.20 SR1 Server when viewed from Chrome or Firefox browser
59973	List Box: error when combining "Set Analysis" and "AND mode"
60503	Stock chart line does not update when scrolling X-axis
60647	Google Maps does not work with Fire Fox/Chromes
61300	iOS - Safari - Direct Link - Login - Logging into iOS Safari 6.1.3 through a direct link and canceling the log will make a prompt come up and won't go away
61310	Sheet objects disappear after making selection.
61609	QvAjax.js error if Null value is selected in AJAX
61927	OCX license does not to show up in CTRL + Shift + Q menu
62135	Ajax/WebView: Dimension in Pivot table doesn't display text as Vertical when pivoted
62258	Pivot table: Cyclic work and Enable Conditional mot working in some scenarios
62352	Desktop: Cyclic/Drill-down icon is displayed wrong if there is a conditional dimension.
62473	Multibox list on Ajax does not show data when switching contracts
62543	Ajax: Text Object in Container Object with Background - Image doesn't work properly
62605	AJAX: using special character chr(11) does not work
62638	Objects list not displayed in Container Properties
62771	Pivot table properties in Ajax/WebView, Edit Expression (>Caption>Label>Edit Expression) need 2 clicks to be opened.
62880	SalesForce Connector login fail when password string contain "<"

63101	QlikView desktop crashes when accessing properties of server object
63145	AJAX Scrollbar color property has no effect.
63238	Document Bug: Full Accumulation doesn't work if Dimension has null value
63275	Desktop client - Bar chart with X-axis scrollbar activated and set "When number of items exceeds" < 6 does not work as expected
63480	Chart scrolling reversed not working in WebView with cyclic group - C++
63587	Desktop - Extra space in bar chart
63685	AJAX: Field search dropdown in straight table not aligned when using Chrome
64008	Desktop/IEPlugin: Associated/Excluded values are not filtered by selections
64141	Popup for text too long not displayed in AJAX
64519	Container Object - Pivot Table - AJAX - Pivot Table will randomly disappear when in a container object when selecting other pivot tables in the container object, but will reappear when you click off and go back
64910	Bar Chart: 2nd Dimension's legend shows labels of expressions (measures) if 1st dimension's legend is off
65279	Desktop Client: Chart x-Axis Scrollbar + Reversed not working as expected
65354	Expand/collapse ICONs in pivot table do not work correctly sometimes
65483	Slow Performance Ajax IE9
65640	Search doesn't work correctly with Japanese in iPad/iPhone
65681	QlikView developer - QVD - TAG: TAGs do not update correctly within a QVD.
65695	Ajax/WebView: Headers disappear when scrolling vertically a straight table with the Horizontal property selected
65791	Sideways scrolling does not work on straight table when the table has only 1 record
65821	Export to Excel from pivot table changes Date settings
65838	Stacked 3D Bar Chart : Expression-axis shows only 2/3 when filtered by dimension-axis
65972	.xml of Okb gets created in the taskresult folder when task is disabled but has an active trigger
66023	Different special characters (TAB, SUBSTITUTE) stop documents from loading in AJAX
66060	QV11.20SR2: Ajax Tooltips get truncated
66068	Desktop: Dragging dimension causes memory-exceeded in Pivot table
66444	Bar chart: Axis scale not adjusting to expression values
66531	Scatter chart: No label on X-Axis when scaling number turns in 1E+042 notation
66618	Chrome Table Box Drop down display issue
66619	AJAX search Box issue
66698	ORDER BY doesn't sort "a"17 digit value
66915	QlikView picks the wrong windows default printer under certain circumstances
66954	Bar chart: dimensional bar is not displayed if Bar distance is set in negative value
67007	Number in Axis in chart is not displayed correctly
67022	Chrome browser: Long attribute name makes the "value" field disappear in AccessPoint
67070	Server is not logging object extension errors (C++)
67073	Listbox, looks different in IE9, 10 than in IE8.
67132	'Show alternatives' options not highlighted in ListBox with Selection Style 'Windows checkboxes'
67134	Document Properties setting Allow Move/size does nothing
67230	Invalid argument. QVAjax.js Code 0 Line:58
67282	Possible to do search and select in bookmark object even if read-only is set on sheet
67300	Desktop Client - Tab in Container Object is not hidden when Conditional Show is used

67385	QV crashes when the grid mode is turned on for container
67460	Manual & Help: Japanese Translation of "Star is" example translates syntax such as Inline and ASTERISK
67475	Colors Washing Out
67505	Dimension Labels display is not as expected with horizontal, vertical & slant selections
67557	Source control: When a List box is set to "Alternate state" other than inherited (or default state), the "Always One Selected Value" is lost
67564	axis in vertical oriented bar chart does not scale properly
67658	Straight table crashing QV.exe/not showing the full content of the object
67755	AJAX - Clickable rectangle on the lower right junction of X/Y scrollbars causes first value to be selected
67840	QlikView Desktop - Wrong number format when first expression failed to evaluate
67858	OpenDoc API: QVUser() does not return UserID
67877	Mobile Client/AJAX: Input Box with variable and array of options blocks out digits
67890	Horizontal Scroll Bar Erratic Behavior in AJAX
67905	Combo chart: Incorrect axis format
67932	Drill-down group and Cycle Group icons missing in the Ajax client.
67937	Ajax/Hybrid: Touch Interface in IE10, IE11, not able to select
67951	Number Format changes after Group is Cycled
68002	Document bug: Missing information about Conditional option in chart properties
68021	IPad app: When App is suspended QlikView doesn't prompt for login credentials. - iOS native
68025	Access Point - Button to move between sheets is not rendering on Android Device.
68051	Reload in QMC is not retaining sort order in straight table with a conditional expression
68094	Cyclic button icon not showing after selection
68113	Keyboard shortcuts and AJAX
68121	Export to Excel doesn't work when "On BIFF Exports" option enabled
68152	iOS Offline Client not compatible with FIPS - Client side code
68203	Input Box- Drop-down disappears and allows for edit with predefined values only property enabled
68204	Bar Chart: Dimension Label Drilldown Icon behavior is inconsistent with 2 dimensions
68219	No expansion icon displayed in expression list in List Box Properties
68226	Ajax / WebView: Chart object helptext does not shows in correct place
68232	Desktop/IEPlugin is hanged when typing down cursor in input field
68272	UI JP "Sort by Applicability" is not translated correctly in Japanese version of QlikView
68383	Stagger Labels get truncated (moved to left) by using Cycle Groups
68415	Small Device Version is hardcoded in htm and not changeable
68429	Document bug: Help/manual description is wrong for plot color stype option
68471	Desktop Client Documentation: No documentation on WebView/Ajax Repository change especially drop down list
68533	Ajax object properties: The sort option won't show in server object properties, if the dimension has default sort option "state".
68535	Bar Chart: Not possible to show second dimension's label if the first dimension's label not shown
68551	Documentation: The term "lasso selection" in help and manual is misleading
68591	Bundle Loads use Restricted Characters in the URL / URL encoding with AJAX client
68632	Error messages are misspelled: Occurred
68637	Tooltip in AJAX stays stuck on screen

68642	AJAX - Container object - tab borders not visible
68645	Document bug: There is not QlikView.txt in project folder from v11
68648	Document bug: "The Schedule Service" in Desktop manual 7.4 Batch Execution
68663	QV11_2_Licensing_SR8.pdf document needs update in QES
68709	IE Plugin - Export - When exporting large data sets in CSV (QVO, XML, etc...) from the Plugin will cause the server to consume a lot of memory, if canceled or closed it will keep running, relogging will make another session
68715	Accesspoint hangs by Changing Category after session lost
68757	Using SQRT(x) when x < 0, causes other fields in table to have random values every reload is performed.
68765	AJAX - Tooltip fails to display
68770	Dynamic Update not working with QVWS on different server and Ajax Client
68792	Workbench div tag issue
68801	AJAX - Section access dialogue does not submit form on "enter" press
68806	Print Report - Stuck loading - Ajax /Plug-in/developer: Report never prints unless you make a selection on a ListBox.
68842	Pivot not rendering if collapse dimension columns
68848	Reduction based on Section Access may cause unwanted results in the Distributed Documents and should be used with caution.
68858	SR7: recreating application using PRJ folder and CTRL+S (or clicking save button) failed
68938	Dimension is treated as Drill-down Group on bar chart even if the dimension is not belong to the group
68947	QVS Reload Engine added in QVPR causing huge amount of errors in the QMS log
68955	AJAX: Multibox object sometimes shows the list in the incorrect position
68960	Bar Chart Horizontal: Stagger Labels get truncated (moved to left)
68961	AJAX Ghost image when moving Column straight pivot table in SR7 not is SR3
68987	Ajax / IE Plugin: Button with Bookmark - Replace is not working
68989	AJAX - Remove last document state fails to function
69009	QVS: Unable to lease license with OEM license with tags NUMBER_OF_DOCUMENTS;x;; & LICENSE_LEASE;YES;; in LEF
69011	Anonymous Bookmarks: Cannot save bookmarks with Window 2012 host operating system (Shared File)
69065	Pivot tables with conditional dimensions and expressions freezing
69069	QVConnect process hanging and no connect to statement is written in the document log SAP
69085	AJAX - resizing column causes object to be resized even when locked
69093	Server - ServerTempBookmarkDayTimeout Not Working As Expected
69112	Hidden Script - Show Progress for Hidden script option not working as documented when disabled
69121	Preload setting is gone after clicked apply button
69130	OCX plugin in MFC project crashes when opening under Win8 environment
69132	Section Access: OMIT not working with alternate states on a QlikView Server
69135	ELSE statement produces unexpected error message
69141	Script line error by clearing variable before EXIT Script
69155	AJAX Text Object doesn't wrap text
69157	Icon color is changed for a warning of a task in the QMC.
69158	Stacked Bar Chart not show Values in Segment and Sum
69159	Bubble Chart size is created by radius not the Area

69181	Chrome: Section Access login dialog has cosmetic problem
69182	Use patterns instead of colors works for Bar Chart and Pie Chart but not for other charts.
69192	AJAX: Bar chart: Drawing of chart failed internally
69205	Undefined domain causes the QVS to hang
69222	Open in Server, can't select a document list.
69224	IAS Server - AJAX - Open QVW in AccessPoint, click the browser's back button and try to open QVW again results in error: "Unexpected Exception Occurred"
69228	Syntax checker not working, "Error expression" error displayed as "Allocated Memory Exceeded" error
69231	WebServer: Not able to find document if more than one cluster is setup
69233	Value changes in straight table when changing sort order
69261	Field Name in Expression Definition causes "Allocated Memory Exceeded" Error
69262	Exporting straight table takes much longer when using conditional dimensions
69269	Radar chart displaying error when an expression contain both positive and negative values
69271	Object Sort order changed after QlikView server reload
69274	Task skipped with reason Trigger skipped (not the least load) despite QDS being a single machine
69279	Shared file Cleaning TOOL - Parameter 5 doesn't work
69281	Ajax: Language issue when Exporting to Excel or Printing an Object
69282	AJAX: Right click menu does not disappear when left clicking on another object
69283	Mobile: Preserve Scroll Position doesn't work in List Box on Android or iOS with Chrome/Safari
69284	Desktop: Grid Chart in mini Pie Chart Style shows wrong values
69288	AJAX client has issues showing text strings start with [3-byte] + [4-byte] Unicode Characters.
69292	Charts inside a container display as an error character
69293	Current selection box not showing invisible selection only in Chromes and Fire Fox
69304	Dropdown icon shouldn't be appeared after selection made in pivot table
69307	Ajax / WebView: 0 are not always shown in Tabs in Ajax
69309	Sort by Expression doesn't work with AJAX using Section Access
69315	Firefox: images have a small rounded frame at the corners
69334	Desktop/IE-plugin: Straight table search icon's input box is located out of the sheet
69346	cell borders transparency color won't keep the same color in Ajax
69359	WebView/Ajax: Transparency for border around objects should be ignored (like desktop)
69361	Session Collaboration Not Available
69366	AJAX: layering issues with ListBox search
69380	Browser right scrollbar is disappearing/flashing in Ajax
69384	Apply button is not enabled (grayed out) when change the settings in Design Tab in User Preferences.
69386	Release notes for 11.20 SR9 do not mention fix for Bug #69164: AJAX: Calendar dates not picked properly
69392	Help: "Theme Maker..." and "Apply Theme..." buttons are not mentioned for the Layout tab
69395	System Requirements has typo on page 3
69397	Loading from QlikView generated QVD with 1 billion rows hangs while in 11.20 SR6+
69408	AJAX: Slider/Calendar Object Does Not Change Pointer On Hover Until Clicked

69410	Override Group Sort Order option not checked after closing/opening document
69419	Conditional Show with smaller Container Box than Chart not working in Ajax
69421	Slider with null in "Max Value" causes huge memory consumption when loaded into QVS
69424	Radar chart shows "Positive and negative value in chart" when "Force 0" unticked without negative values
69436	AJAX: Save and Send as attachment exported Excel results in *.aspx format
69442	Ajax: Straight table , Cycle group menu not displayed with more than 15 dimensions
69459	#Tabrow not found by extension
69466	Re-save 11.20 SR4 document with Containers in SR5 or later format makes it hang upon opening it next time
69469	Cleaning tool recognized OrphanEntries error but they are not
69470	Reload successful in QV.exe although reload actually failed
69472	Qv.exe no response while changing through Container box objects
69487	WaitForIdle doesn't work properly using qvp connection
69490	User can still resize columns in InputBox and Multibox in Web View with Move/Size Sheet Object disabled
69491	Clear Icon Doesn't Clear Selections In AJAX
69495	Statistics Box displays incorrect sum value with opening 2 similar QVWs at the same time
69512	Out of the session and USAGE CALs error
69516	AJAX - Pivot Table drop down selection missing for last dimension
69521	Print and excel icons displayed using the wrong theme
69529	Allow empty LDAP property fields
69530	Negative value "bar offset" treated as positive when ValueList() using bar chart
69531	Shared objects are broken when copied
69535	Font color and formatting is not kept in reports
69541	QlikviewManagementService - The document does not have a root element.
69554	QMC - Document admins not able to open QMC
69558	Excessive logging SE_LOG: User - GetGroups: DCName is empty. Fetching...
69564	AJAX - Cell borders disappear for blank cells
69566	Scroll bar in ListBox stops working
69587	Scroll bar in Text Object become locked or nonfunctional
69589	Reload Engine down when installed components on different machines without Publisher license
69590	Mode() returns incorrect value
69591	Reference Manual does not clearly state that we require local Administrator membership for our Services
69592	QMC help text on Configurable ODBC is wrong
69599	Line Chart: Number labels on Y axis change from percentage to fixed decimal
69600	Minichart within a straight table without dimension shows allocated memory exceeded
69603	Slider bar doesn't match with numbers
69604	Total Mode "first string" and "last string" in Straight Table gives unexpected result
69611	Global search object functions does not work properly in AJAX
69614	Show Value not working with Stacked Bar Chart
69624	Current Selections Lock, Unlock and Clear buttons not visible
69634	OnInput/OnChange macro fails in 11.20 SR9 AJAX (Worked in SR3)

69635	Method WaitForIdle is not working with IEPlugin
69642	AJAX Rendering: Text clipping using Georgia Font only Fox/Chromes
69653	Scheduled task doesn't show correct next run time value after editing
69660	Pivot Table: applying bookmark doesn't apply change on field positions
69670	Trend Line with exponential function is partly cut off
69672	document crash when contains tons of expressions
69676	Directory Service Connector config change not always taking effect if the connected server is slow to respond
69677	Labels on fields in cyclic groups not being saved
69682	Can't change Root Folders for QlikView Web Server
69685	System Requirements 11.20 SR10 Copyright is 2014, it should be 2015
69686	Pivot Table sort expression doesn't work correctly in QVS
69694	Adding chart to container makes QlikView Desktop hang/crash
69695	Small Device Version not working as expected with Fire Fox o Safari
69812	Cyclic group not showing with three dimensions in a barchart
69817	Scrollbar position not correct when activating sheet in AJAX and "Hide Tabrow" is activated.
69820	IE Plugin: Container object hangs and blinks
69859	Document bug: Japanese Help menu revision level is SR9
69862	Variable in script causes abnormal use of ram during Task reload.
69866	Reload Engine (not a service) is not presented even though online help says it should be
69869	Searches from "Users" tab in QMC time out after hard coded 30 seconds
69878	Updating/removing Trigger's actions list where Frontend functions can't be executed by backend trigger.
69886	Browser is hanged by specific character in Ajax
69890	Shared objects in both IE plugin and AJAX, shared to specific users, disappear after reload in SR9.
69909	Ajax - Input Box - All rows affected when single value changed
69911	Fast Change - You cannot switch from Pivot table back to Mekko chart in Ajax or WebView
69922	iPad Text position is wrong
69923	Screen size inconsistency in iPad mode (full browser)
69927	Dropdown menu in a straight box does not group up selections in the top in AJAX
69928	Zero Value showing in Combo Chart
69932	Direct Discovery: Encountered Sharing Violation
69936	IE and AJAX: User will select unwanted values using the Control key
69945	Documentation Bug: Missing information for IIS Tunnel Configuration
69948	Document chaining QV documents in the browser, Russian characters in links don't work.
69953	Objects with show conditional don't react when the "control" variable changes, see overlap of information.
69956	Cannot pass Selections in URL when using WebTickets
69962	QMC: Task that are finish still show as running
69971	[Document Bug] Description for ZTest function is incorrect
70213	Internal inconsistency type D
70258	Straight table: Expression giving inconsistent results
70381	AJAX: looking glass icon disappears with some colors

7 Bugs corrected in QV11.2 SR10

ID	Title
61315	Android: Not possible to export to excel
61939	Ajax Unexpected exception occurred! Trying to Open Properties of Shared Object by Other User under Repository>Objects
62015	Caption's background color transparency setting is not applied correctly for some objects
62246	Cell Values - Paste - Moving Columns - When moving a column to the left of data in a list box causes the pasting of a cell value to the column in front of it
62281	Ajax Client uses Browser Authentication when open direct link when Alternate login page (web form) is set
62410	AJAX/WebView: Edit expression window: scrollbar and drop down menu for Aggregation, Field, Function and Variable doesn't fit
62550	Japanese Server Reference Manual: Release number incorrect
62590	QlikView 11.20.11922 SR2 has stopped working error thrown when opening an application.
62614	Drop Down Select In Pivot Table Shows Wrong Values
62645	Drop Down Select In Pivot Table Shows blank data
62701	MonthEnd returns incorrect value
62731	Document freeze with Java Script Error in full browser mode
62959	List box selections causes unexpected results on straight table
63703	Pie Chart: "Values on Data Point" % Missing After Changing Font Size
63722	Script file exporter saving filenames incorrectly
63840	AJAX/mobile: command "tel:" for dialing a number does not work
64329	WorkBench installation cannot connect to HTTPS web folder
64386	Can't print list from a multibox when not selecting any value
64399	Desktop: CSV export inserts garbage char at 70,000th row w/ 2-byte data
64432	Can't select date in a calendar with the mouse, it will revert back to default date.
64830	% label in pie chart disappear
65080	Ajax/WebView - List box - Style LED/checkbox: In Ajax List boxes with LED enable, the checkbox overlap the letters.
65137	Desktop Client / IE Plugin: Container Object with lot of rows not behaving as expected (WebView / Ajax Client)
65350	Ajax/WebView - Pivot table within a container object- Header: Pivot table within a container object the Header disappear / blanks when you scroll horizontally the table.
65451	Labels On Data Points
65553	scrolling with highlight limit to size of multibox
65718	Document bug: Search Object's Default Search Mode <use default> is mistranslated in Help
65843	Stacked bar charts with sections too small to render breaks values on data points.
65926	Bookmark for application fail to open
65967	List Box Properties: 'Always one selected value' lost when used together with 'Show Alternatives'
66030	AJAX on iPad: Search Object is showing as an "opened box"
66103	Text Box in Containers not working correctly
66144	Mouse input not recognized on Chrome on touch-enabled laptop
66163	Access Point: Favicon.ico not showing in other browsers than IE

66704	Ajax/WebView: Memory usage spikes up after clearing selections if objects configures conditional show
66845	Multibox Tab disappears when activating it in a container
66926	API Guide: Remove 0=HTML,1=Text,2=Bitmap from param3 for ServerSideExportEx
67055	Export to Excel from a pivot table gives junk values
67141	Distribution Service: No Trigger works when more than one "On multiple event-triggers" is set up in one task (AND / OR)
67143	Ajax - URL/Link - Dark default color: The URL/Link text color is shows dark blue or purple color within Ajax client and won't obey the "text color" change.
67218	Values will not follow the selections point in the multibox object.
67279	Drill Down didn't work if a dimension before is hidden
67418	Container: charts in containers don't always render correctly
67426	Document Bug: Force Patterns instead of Colors in User Preferences incorrectly translated in Japanese
67440	Inconsistent behavior of Dynamic Bookmark based on locked selections
67461	Desktop - Opening and closing qv.exe while splash screen visible causes qv.exe to crash
67504	Bar Chart "Drawing of chart failed internally" Error when use IEplugin
67506	Desktop Client: Variable Event Trigger > OnChange >Activate Sheet causes freeze
67588	Not able to set background color of Multi Box
67891	Current Selections drop down box does not display selections in the correct sorting order in Ajax
67903	Security Concern: Removing HTTP Header information
67906	Direct Discovery: Table box displays "Direct query failed" when making selection
67919	Small devices version - Bookmarks - gauges - iPad/iPhone: when user use small devices with iPad or iPhone, when user selects a bookmark that involves a gauge object, when user views the gauges it loses the perspective or disappears (blank page).
67922	AJAX - 'IS_IE' is undefined Error In Internet Explorer 10 After Adding or Deleting Bookmark
67983	Certificate communication on Windows Server 2012. Restarting QlikView Services can cause the server to reboot itself
68000	Problem to change order for a dimension in a straight table in Chrome.
68017	AccessPoint - Vertical Alignment on data points not working on Scatter chart
68107	QV Desktop: Help > QlikView on the web > Support opens an internal URL
68163	Desktop - Copy Button displays in Right-click menu when copy object privileges have been restricted
68164	Listbox background with IE8 AJAX
68229	Docu Bug: QVD Load
68346	Juxtaposed texts and images do not render properly in iOS app
68361	Juxtaposed texts and images do not render properly in AJAX using mobile Safari
68385	Internet Explorer Plugin unable to process 'Transfer State' option in Open QlikView Document Action
68394	Cannot find any information on "Importing QVD with asterisks are not supported since 11.20"
68419	AJAX client cannot show characters in Unicode CJK Extension B (C++)
68525	Ajax: Pivot Header Alignment hide label
68527	Listbox not updating after selections has been made from button with triggers
68570	Chart properties box leads to unresponsive session

68615	Images are missing when using IE11/Ajax
68636	AJAX - ListBox - LED checkboxes display right border even though no border width 0 pt. is configured
68640	Duplicate queries sent by Direct Discovery
68690	Desktop Client: Unable to expand (+) documents in Open in Server through Start Page, window close
68726	Selections not retained with IE plugin
68732	Bookmark URL (Email) in clustered environment points at server not cluster
68767	Sheet Navigation Stripe cut off in case of using the drop down menu
68800	AJAX IE8 Listbox Background Not Loaded Completely
68872	[Document Bug/Enhancement]Small device version does not have sheet concept is not mentioned in Reference Manual/Help File
68919	Publisher / QMC - Reduce tab - Open document - loading: When you try to open a document in publisher create task > reduce tab > open document, QMC gets stuck "loading...Please wait" and apply button is grayed out.
68965	QV InitWorkBench truncates ticket
68969	Japanese character garbled in the "invited collaboration session screen"
68990	AJAX - TabRow Expands Vertically and Horizontally (depends on browser) and Pushes Sheet Down Temporarily + Flash on Screen
68992	Gif animations not working in desktop client SR6 and upwards.
68994	Part of Object calendar icon cropped in WebView
69012	Pop up text on scatter chart not show
69013	Table border disappearing when scroll bar moved up & down.
69023	Documentation bug - QV for iPad offline mode issue - bookmarks list does not get dynamically updated
69025	[Text as Pop-up] in [Chart Properties] -> [Expressions] doesn't pop up custom message since QV11.2 SR7
69031	Excessive logging SE_LOG: OpenFileOrURL: An exception (filepath) contains an incorrect path.) occurred during open of (filepath)
69036	Fixed record script gets highlighted by syntax check
69039	Documentation: Explanation for Alternate State parameter "GetSelectedCount()", "GetFieldSelections()" and "GetCurrentSelections()" is missing in Reference Manual and Help
69052	AJAX - Input Box - drop down arrow selector disappears
69058	When loading a numeric field from a QVD file with a GROUP BY clause where the field participates, the field has no string representation.
69079	Documentation: Effect of combining distinct and non-distinct tables
69094	[Custom Pop up text] will not show up when hovering on lines in combochart
69113	Bookmark: Share for individual user not showing up
69124	QlikViewServer - Warning SE_LOG: Shared - ApplyBM: Could not update the Recall time on bookmark with id: " is always printed
69127	Document Chaining not transferring selections in Open In Server
69128	FitZoom / ApplyZoomToAllSheets macro looping in QlikView Desktop Client "Open in Server..."
69161	GetCurrentField does not expand the group value if using calculated dimensions
69163	Sort fields by Load Order on Direct Discovery table window's down unexpectedly
69174	Calendar Object not working if based on an expression
69180	Chrome - Calendar Object not displaying correctly
69215	AJAX - Horizontal scroll bar jumps to beginning on pivot table inside a container

69221	Cyclic group icon giving a QVAjax.js error
69491	Clear Icon Doesn't Clear Selections In AJAX
69613	Desktop and Plugin Client: Client initial refresh. If old date not kept in server or client too old, refresh will be performed automatically cause "Server connection lost, closing document!"
69634	OnInput/OnChange macro fails in 11.20 SR9 AJAX (Worked in SR3)

8 Bugs corrected in QV11.2 SR9

ID	Title
42783	Use Column Labels-> "Field" doesn't work correctly(IE7)
43617	Minimized chart is restored when open from in Ajax
44947	Desktop: Unable to open application in WebView with double click on qvw
45037	Dimension Limits - Show Total in Bar Chart does not properly scale axis
45744	Japanese Translation Straight Table>Presentation: Horizontal Different Manual/Help/Product
48643	Selecting "Advanced mode" in Scatter chart Expressions tab shows Sort tab instead of "Advanced mode"
52524	App can't restore with prj Folder
54116	Low verbosity on Eventlog, still a lot of entries of Mount browsing
57493	Variable for font color doesn't work in Chart Legend
58769	Source Control Settings errors out in Windows Server 2003
60068	Server - unable to remove a node in QMC when the QVS node is offline
62220	Holding down shift key does not select multiple values in AJAX client
62515	QMC: deleted assigned CAL under User tab cannot be restored by undo delete icon and apply
62519	Annotations stays in the shared file even though chart is deleted
63424	Invalid Machine ID corrupt PGO File
63741	Advanced search expression is not restored from bookmark
64440	No Publisher: Removing task that referred in "On Event from Another Task" will leave orphan task
64621	QMC: Trigger On a schedule > Monthly > Days or On + Last is not working as expected
65205	Starting 2 batch-tasks that will start on the same task to success, one batch-task fails every time
65453	Run Continuously option not available in QlikView Server with Publisher
65616	QMC: cannot open document to set up loop and reduce task
65858	The shared file was broken when it is over 4GB
66614	Desktop Client fails gives error on Update Check
66744	Input fields are not loaded from shared file
67180	AccessPoint Download Double byte Document Name Garbled in the Download Window
67255	Trigger "copy State Content" (Default State to Alternate State) with Section Access causes corrupts the App
67317	QV11.20SR4: Dynamic Update statement fails when Table has only a single row
67413	AccessPoint No Server or No Preview Available if Root Folder name is in Japanese and there is a certain number of QVWs
67493	QVS - Shared file causes server to max CPU/RAM but shows no errors in cleaner tool
67591	IPad app: Charts not loading in offline mode
67661	QlikView web service log file System.Exception Errors do not parse well in QlikView File Wizard of Script Editor
67665	Plugin is hanged when clicked back button on the browser with Direct Discovery 2.0
67767	Documentation update Certificate Trust
67774	Field Event Trigger: Selection is not deselected
67852	Clear button makes memory RAM increases rapidly making QVS crash
67861	batch started task doesn't send alert emails

67929	Cannot customize <LogoutAddress> in QlikView WebServer config.xml
67979	IE-plugin: Scroll down searched list box shows "X"
67987	Desktop Client: Variable Event Trigger > OnChange >Clear Field issue
68055	Mobile manual should more specific Landscape mode orientation
68120	Cycle buttons change wrong expression, if you have another cycle button hidden in the chart.
68127	Interactive Sort in Straight Table Columns generate "Allocated memory exceeded"
68168	QDS root logs indefinitely when access to task log folder path is denied, resulting in disk space exhaustion
68294	Japanese is changed to Unicode when saved as XML format
68313	Direct Discovery problem with calculated dimensions
68317	Bar chart data point value is not truncated correctly when Thousand Symbol is set
68327	Prints and PDFs for Sparkline Minicharts are too low quality
68371	Allocated memory exceeded error on chart
68448	11.2 SR6 QV Desktop Crashing When Trying to Enter "Log in as specific user" Password
68457	Scrollbar misplaced when activating another sheet in AJAX
68503	Not rendered accordingly for right axis in bar chart
68515	IE-plugin: Mail with Bookmark as a Link does not work with Japanese name QVW
68538	Documentation: "Use Regional Settings for HTML export"
68548	Desktop/IEPlugin Memory Issue Application Freeze or Session Lost after Some Selections Made with Set Reference
68555	Image disappear when publishing the report if I use brackets in the doc name.
68562	QVS generates excessive logging while in WorkingSet limits. Event 500 Warning WorkingSet: Critical RAM overload.
68564	AJAX/WebView: Tab (tabbing) between Input Fields and Input Boxes does not work
68573	Ajax - sheet background images - cutoff: When a sheet has an images for background, if the sheet requires to scroll down the window, the image will be cut off in Ajax client.
68574	QDS - Alert E-mail - line break: If the Alert E-mail recipient got a line break (press "enter" to move to the next line) it won't send the email alert to the recipients after the break.
68578	QVX file created by STORE command contains unexpected <LittleEndian> element
68587	Release notes: Cleaning Tool
68613	Desktop client crash when trying to edit or print a report including hidden objects
68619	Visual Cue (with color red) or Expression with Textformat RGB(255,0,0) print as black
68620	QMC does not refresh the summary when Document CALs are applied
68624	Ajax - Calendar object Widget: The calendar widget won't stay open in Ajax.
68630	Document Chaining Transfer state not working after 2nd or 3rd chain - AJAX
68635	EDX task - Publisher - Nested tasks: Errors occur with EDX automation when jobs contain sub or nested tasks
68668	All objects are resized simultaneously if SHIFT key is hold and a chart is resized
68672	Desktop Client: Changing size of Container in Container (nested) in Grid Style will not resize and overlap
68673	Recreating a QVW from PRJ folder not retaining Document property settings
68675	Cannot open document in QMC SR7 to Loop and Reduce
68678	Remove last document state without functionality
68691	Server is not responding due to a long-running script, AJAX, SR7

68692	QMC: Sort order of "On event from another task", "On multiple events completed" and "Task Dependencies are different when using 0 as leading number
68694	QMC: Unable to add/change Task name/Task Description after a Trigger has been added in Internet Explorer 11
68698	Data Discovery with WebView hangs
68703	Opening reloaded application takes down QlikView Server in SR6 and SR7, works fine in SR5
68706	Developer x86 Does Not Read QVX Files
68711	Documentation: There is no documentation to Task performance summary and Release Notes are not good written
68716	Source Document Folder Mounts - interacting with white space deletes mounts!
68728	Search window shifts to left if list box is wide
68744	SR7 PRJ File Causes Container Object to not Display
68778	When trying to open variable overview in desktop client, desktop client crashes.
68845	Report containing objects with unfulfilled calculation condition will cause QV.exe to freeze/crash or the report will be uneditable
68851	Desktop objects in container not shown
69164	AJAX: Calendar dates not picked properly
69322	AJAX: application becomes unresponsive in IE 10 - session must be closed

9 Bugs corrected in QV11.2 SR8

ID	Title
42565	Check the "Preserve Scroll Position" checkbox does no difference on bar chart
42579	Desktop - Drop down select in straight or pivot table will appear in wrong position if window is scrolled
42629	Tab row can't be enabled in WebView
42683	If the chart object shows ' Too few expressions' or could not be drawn the fast type change icon is showing as a drop down
42702	Background Color "Transparency" is set as 100. Which is not consistent with default setting of other objects' transparency.
42802	Developer - horizontal scroll bar overlays x-axis dimension
42831	Dragging an expression into another charts properties gives an exception.
43621	Minimized container still possible to move with Allow move/size unchecked
43642	QMC: Management service setup - SQL repository - explanation text continues outside frame
43668	Property windows, Repository window, Add New Sheet Object window jumped left whenever moved (drag to new place)
43679	Links in straight and pivot table starting with www does not work
46451	IE - AJAX - Drill down menu not showing blank option
47961	Changing owner on a server bookmark does not apply correctly in the .shared file
48411	Ajax As Scroll Bar is at the Bottom, Chart does Not Appear
48975	Method WaitForIdle is not working with IEPlugin, It work with Desktop
52874	Documentation: Statistics Chart Wizard - Location of the Wizard incorrect on the documentation
57353	WildCard (*) not working correctly
57473	Empty cyclic group restarts the session
60204	QMS: When QMS is not able to read XML task remain in running, but they are finished
60263	Ajax: No Help Text in popup in a Button Object
60658	Ctrl+selection in a ListBox in Ajax on a mac will lock up the document.
62055	QlikView Management Console: Need to remove the wording that Groups can be added as document administrators GUI
65266	Using Select button when connecting to Informix database crashes QlikView (with ODBC driver version > 3.50)
65740	Copy to Clipboard - Cell Value
66115	QMC Webserver Authentication: Inconsistency of selecting Custom Login Page > Text field
66150	Manual: Some functions are missing, some functions appears twice
66709	Data values change depending on loaded order
66777	Icon font color in caption not working in IE7
67405	QlikView Ajax & "Edit Expression" in the properties of a list box
67542	SAP Connector fails to read due to max no of 100 conversations exceeded
67568	Document bug - Support version of QlikView for iOS
67594	Fixed length data isn't interpreted correctly in 11.20 SR4 Up1
67671	IE9 - AJAX/WebView - Text Object - Background color - When viewed in AJAX or WebView background colors for a text object disappear (removed)
67703	Graceful refresh causes the QVS to restart for a specific document

67784	Document bug: In Load Script, colon in alias names are no longer valid in 11.00 IR or later and has to enclosed by [] brackets. This should be mentioned in Release Notes, Manual and/or Help.
67789	Documentation: Documentation of stored content in Bookmarks is missing
67801	After applying a bookmark, not all selections shown in current selections box
67825	Mobile - iOS 2.0 - Password - Lockout - Logging into the iOS application with the wrong password will cause 3 failed login attempts instead of 1
67846	[Document] Add comment "not to use identical names between field, variable and column"
67850	QMS API call GetUserDocumentNodes fails when folder contains large amount of items
67899	Documentation: Default Export Options>No Thousand Separator for exporting to Excel
67927	QMS - QMS log becomes huge when SQL fails (>1GB) But no other indication is given that something is wrong
67941	Documentation: Reference Manual: Data structure changes affecting bookmarks
67969	Documentation: Description of Error Mode in manual/help
67993	Export buttons no longer show in AJAX
68031	Documentation: Manual is not clear on how Preserve Scroll Bar Position is applied.
68051	Reload in QMC is not retaining sort order in straight table with a conditional expression
68078	iOS Offline Client not compatible with FIPS - Server side code
68099	Input fields are updated with the wrong values when opening the QVW in Ajax (C++)
68109	Server Reference manual warning message before apply publisher license to prevent task lost
68140	GetCurrentSelections() fails on the server when we add Section Access and omit field(s)
68141	General Script error when doing numerical expansion after EXIT Script
68142	Windows RemoteApp - Developer - Calendars: QlikView Developer crashes, when you select the Calendars object within Windows RemoteApp.
68144	"IE cannot display the webpage" error when re-login AccessPoint using the alternate login page after session Timeout
68151	Documentation: QlikViewPDF doesn't exist and isn't downloadable separately
68153	Plugin hangs occasionally in certain conditions
68154	Inconsistent Data from Set Analysis Expression.
68175	Connection busy with results for another hstmt
68185	Using Report Editor on a specific QVW file crashes QV Desktop
68186	Desktop Client: Values on Data Point are not shown correctly in vertical stacked bar chart with negative values
68192	Documentation - QMC help - Reload Engine: Need to be clearer what services will show when (no publisher) reload engine is only available.
68198	Desktop - Getting Started Wizard - Drag and drop Xls: When user drags and drop a XLS file in the stated wizard of developer the "next step" button is grayed out.
68199	Ajax-WebView with desktop client multiline header alignment is to top only
68209	Internet Explorer - IE8 - Check boxes - Labels - The label for a checkbox in IE8 is blank, but other browsers show the label fine
68215	WebView/Ajax: Line break in table cells does not work
68236	AJAX: Undefined displayed in empty InputBox when user clicks in it
68261	Ajax, cannot make multiple selections of days for calendar object
68280	SAP extractor shifts fields using tRFC

68303	Documentation: GetFieldSelections() description is misleading
68305	Container objects blinks in Desktop/Plugin
68308	AJAX IE8 - users get "Invalid Argument" error
68309	Custom messages in 11.20 SR4 not aligned correctly in 11.20 SR5
68311	Expression calculations differ from a textbox to a "text in chart" within a Gauge Chart
68322	Image inside the document disappear when the QlikView application has an apostrophe in its name
68330	Cycle buttons change wrong expression, if you have another cycle button disabled in the chart.
68373	Input values lost when stopping and starting QlikViewServer service when Set Analysis, Inputsum and alternate state are used together
68397	Scatter chart: Advanced mode is wrong at first creation
68417	AJAX - Conditional Show on Tabs does not Display Correctly
68477	Returned wrong result when using ApplyMap function
68686	Listbox: incorrect data generated if use Expression in v11.20 SR7

10 Bugs corrected in QV11.2 SR7

44327	Line break in list box using LED selection boxes
44332	Ajax Mail with Bookmark as a Link is Active Although Server Object Setting is Disabled
44731	Layout Problems in Ajax caused by shared File with many added and deleted objects
45058	Server - pivot table with conditional dimension not pivoting horizontally
45684	Properties window falls behind all other charts (Chrome)
46186	AJAX - Pivot Table +/- position in the middle of the cell
47590	(Ajax/WebView) Image representation and hide text when image is missing behaving as in Qv
48086	Statistics boxes do not allow selection in AJAX client
48284	AJAX Combo charts and list box not working as expected
48373	Developer - Lineage info retaining information
48418	WebView/Ajax generate a QvAjax.js error message with a specific .qvw file
48686	Dropdown in button properties is not "in front"
48741	Rounded Corners unchecking themselves
48967	Ajax Set Clear State Results in Clearing Selections
49113	Ajax IE8 By Clicking the Background, Main Tab Becomes Active
49726	Colon character use in Ajax causes return to previous state
51403	Ajax: Chart not fully rendered
56549	Plugin - Container object with chart - Scroll Bar is missing from the chart
56762	Ajax - Edit Expression on an Object: When editing an Expression, the drop-down opens and then closes immediately, thus making it impossible to select a value.
56947	Ajax - Transparency option for sheet tab color does not work
61120	iPad app can't access server with Alternate Login Page
61982	Dimension Limits not limiting as expected in block charts
62221	Pie Chart Print issue: Legend is not in correct position
62359	QDS Debug Logging not writing Windows Events
63236	Desktop - Locked field locked using macro or action - unlocked after Reload
63735	Over 70 folder mounts causes QMC instability
63877	Cycle Button Does Not Move When Chart is Maximized
63891	Shared file causes QlikView Server service to have high CPU utilization even after the associated QlikView App is closed
64333	The QVS tries to read pgo file but fails because it is locked by another QVS
64505	AJAX - Document chaining bad performance
65068	Bookmark sending by mail fails on IE plugin when the QVWS and the QVS are on different machine
65792	Pie chart with two dimensions, inner dimension values are not shown correctly
66267	apiClient.GetSourceDocuments(qdsID); Returns sometimes all Documents for Document Folder Administrator
66768	Content of some objects ends up outside the object area when resizing (smaller)
66838	QVS doesn't preload the QVW just after reload.
66979	Sheet ID - AJAX - Special Characters: WebView error message "Script Error: Syntax error, unrecognized expression" when the sheet ID has a special character
67049	Hierarchy load generates too many records
67195	Distribution without Reduce creates temp file adding supplementary time duration to task.
67268	Pop up/Hover Over Stacked Chart Shows Improper Grouping for Expressions

67395	Shared File - AJAX - Session Lost - Large Shared file that worked in 11.20 SR3 causes AJAX to trigger a Session lost when used in 11.20 SR4
67404	API function apiClient.GetTaskStatusNodes returns different values randomly
67425	Radar chart - Tick mark missing for negative values - QV 11
67432	Background Images are not shown in Ajax if .QVW file name with contains a round parenthesis (or)
67437	Easter egg: ServerTempBookmarkDayTimeout doesn't work anymore
67442	QVConnect.exe crashing when connector logging active
67487	Table data is not displayed
67549	Copy and Paste No Longer Available
67551	Calling a document that Direct Discovery script is failing with Server crash.
67563	IOS Client Failed to open document when document title contains Cyrillic characters
67598	QMC: simple reduce fails to pick the right values
67629	AJAX: Dimensions in pivot table disappear when document and pivot table is updated
67634	Listbox with "Size to data" not sizing properly in Ajax.
67662	Ajax/WebView: if the object is Transparency 100%, the bottom object is clickable
67703	Graceful refresh causes the QVS to restart for a specific document
67706	Server - MaxReceivedMessageSize not allowing large log files to be viewed in the management console
67744	Mail with Bookmark as link creates incorrect URL when using IEplugin through HTTPS webserver - Generates "HTTP" URL instead of HTTPS
67792	QMC - Monthly trigger - GUI Fields overlap
67824	Direct Discovery: Unexpected data seen in chart
67826	Small device (mobile) view doesn't show all the table contents
67838	AJAX: Cannot drag and drop Expressions from the Repository into objects
67859	AJAX - Multibox - Always One Selected Value - Deselection Turns Multibox White Instead of Green; Shows in Current Selections as Selected
67924	Calendar: in AJAX/WebView, right-clicking on expanded calendar displays the sheet properties menu in the back
67950	Not possible to add connection QVS on other server when using certificates
67954	Reloaded wrong data with Japanese JIS used " " as a delimiter
67965	SNMP Functionality and Restrictions not documented accordingly
67976	AJAX - Scaling and Positioning of objects (text objects, list boxes, ..) incorrect - leads to overlap
67985	11.2 SR5 Degrade - Concatenate in combination with SUM and \$ expansion of variables in the script
67999	Ajax - Export to excel The requested content has opened in another window Pop Up
68029	Unable to define days in weekly triggers for supporting tasks in 11.20 SR4
68035	Parallel Loop and Reduce tasks could trigger Windows RPC stall
68037	Desktop Client/Server: General Script error after update to 11.20 SR 6
68049	Applying Transfer State in a document chain causes freeze
68050	AJAX/WebView: Problems using Windows checkbox style with Internet Explorer 8
68052	Document publisher reload - Binary reload - Takes longer to execute: When a Document reloads in V11.2 SR4 or SR5 and it is executing a Binary reload, this take 10 - 20 times longer to complete comparing older versions.
68118	AJAX - Current selection box not showing all items when first item is word wrapping more than 3 lines
68126	QVS goes into idle mode
68134	Ajax: Text in input box should be selected when clicking on it

68159	Always One selected causes reload to hang
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11 Shared file Cleaning TOOL

QlikView are pleased to announce that a new shared file Cleaning Tool is now included in the QlikView Server executable. This will allow system administrators to analyze (verify) and repair (purge) the QlikView document shared files easily and effectively simply by running a command line execution of QVS.exe with special parameters. The server administrator will then have the option of using the purged shared file, or retaining the old shared file.

11.1 How-to Instructions:

There are two modes available with the Cleaning Tool, each specified by a different command-line parameter. The first mode is called VERIFY and the second mode is called PURGE.

-VERIFY: By using the parameter -v the Cleaning Tool will analyze the shared file specified in the command-line, and create a report detailing the results of the analysis performed against your shared file. If during the analysis the tool detects there is one or more INVALID/CORRUPTED object entries, in the shared file, the QVS will log as much information as possible around the INVALID entries.

-PURGE: By using the parameter -p, the cleaning tool will verify the shared file, and then also create a brand new version of their SharedFile with corrupt entries removed. This clean version of the SharedFile will be placed into the same folder where the original SharedFile is located. The new file will be called MYFILE.QVW.Shared_clean, and the original shared file will not be overwritten. The server administrator can then make a decision to replace the original shared file with the new, clean shared file.

The format of the command that users have to type into the Command Prompt for using the SharedFile cleaning tool is the following:

```
C :> < Folder path where the QVS is placed + "\QVS.exe" > < -x > < Folder path + \Name of the SharedFile > <Cleaning Tool Mode> -l <Log Folder path>
```

Parameter 1: The path where the QVS.exe file is located in your system folder, plus, the name of the file to be executed, in this case, QVS.exe. All text must be placed in double quotes.

Parameter 2: By entering -x, as a parameter within the command, users are telling the QVS that they want to run the SharedFile Cleaning Tool only. This will not start the QVS service in "normal" mode, an instance of QVS will start, run the cleaning process then shut down.

Parameter 3: Path where the SharedFile to be cleaned is located, in your system folder, plus the name of the SharedFile itself. All text must be enclosed in double quotes.

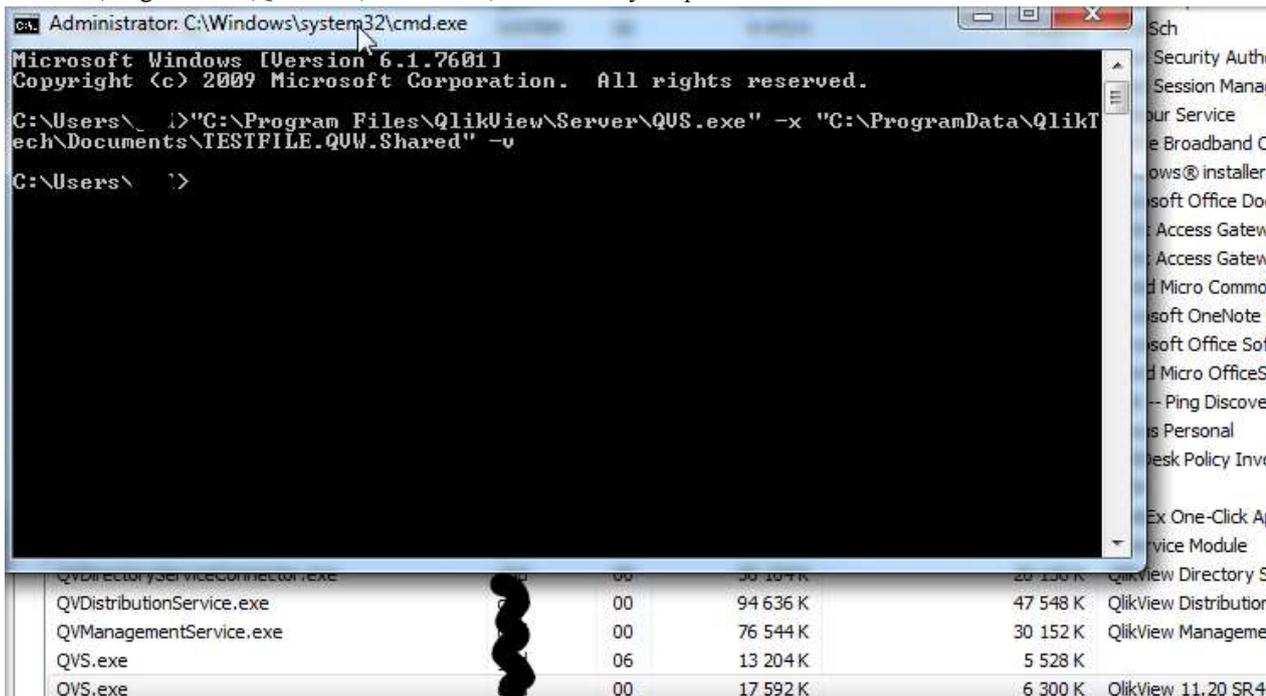
Parameter 4: If user wants to execute the tool in VERIFY mode, use parameter -v. To clean the shared file, use parameter -p to create a new copy of the shared file, with corrupt entries removed.

Parameter 5: Optional, if you want to change folder for the log file.

11.2 Step by step instructions

1. Make backups of your shared files before proceeding.
2. Locate your copy of QVS.exe. By default that will be in C:\Program Files\QlikView\Server and make a copy of it. Place the copy in a different folder, for example C:\Temp.
3. Determine which shared file you wish to analyze (verify) and if necessary, repair (purge).
4. Open a command prompt (run as Administrator).

- To verify the shared file, enter the appropriate command line as below C:\> "C:\Temp\QVS.exe" -x "C:\ProgramData\QlikTech\Documents\FinanceAnalysis.qvw.Shared" -v



- Locate the verify file log – the file will be called CleaningTool_MACHINENAME.log and be placed together with the other server logs. The log will list each type of shared file object if there is corruption. If the corrupt entry can be identified, it will list the object ID.

2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	DuplicatedEntry	DocumentContent	OPR\C4TU
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingOwner	DocumentContent	
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingId	MetaData	BM3581
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingOwnerMissingId	MetaData	MetaData
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingOwnerInvalidContentId	Bookmark	MetaData
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingOwnerMissingId	MetaData	MetaData
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingId	MetaData	BM6416
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingOwnerMissingId	MetaData	BM3587
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingOwnerMissingId	MetaData	BM8980
2013-12-16 12:30:05	c:\ExampleApplication.Shared	PURGE	MissingId	Metabata	BM8980

- If there are corrupt entries, we recommend that you PURGE the shared file. Rerun the command line as above, and change the last parameter from -v to -p. C:\> "C:\Temp\QVS.exe" -x "C:\ProgramData\QlikTech\Documents\FinanceAnalysis.qvw.Shared" -p
- The purge process will create a new shared file, with corrupt objects removed or corrected. Note the resulting file may be larger than the source file. The new file will be placed in the same folder as the source shared file, but will be called MYFILENAME.QVW.Shared_clean. The original source shared file will remain in place.
- Rerun the verify stage again, remember that the "new" clean file is called MYFILENAME.QVW.shared_clean, so adjust your command line accordingly, otherwise you will just re-verify the old corrupt file again.
- Locate the verify log. It should now be clean and have no corrupt entries.

TIMESTAMP	DOCUMENT	ACTION_TRIGGERED	INFO_MESSAGE	ID	OBJECTTYPE	USER
2013-12-16 12:30:51	c:\ExampleApplication.Shared_clean	VERIFY	VERIFY	NoProblemsFound		

- Finally, replace the old corrupt shared file with the new file. Do this when the file is not in use (i.e. there are no users accessing the application on the server). Rename the old shared file, and copy the new shared file. The correct name should be MYFILENAME.QVW.Shared.

11.3 Warnings and Tips

- Any time you run the cleaning tool against a SharedFile, new lines will be added to the CleaningTool_MACHINENAME.log file.
- Make backups of your shared files before running the cleaning tool.
- In production environments where the existing QVS is very busy, copy the QVS.exe file to a temporary folder, and execute the command line against the second QVS.exe file.
- Make sure, before running the cleaning tool, that you have permissions for creating files within both folders. The one where the report file is going to be saved and the other one where the clean version of the SharedFile is going to be saved.
- The user must run the QVS.exe process with administrator privileges. In case you are experiencing issues when trying to running the tool, please, try going into the properties dialog of the QVS.exe file (right-click on it), and CHECK-ON the box “Run this program as an administrator”, in Compatibility tab.
- If you have any questions please contact Support, and they will help you out as soon as possible.