

# Qlik Sense August 2021

Release notes

Published: August 24, 2021

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The following release notes cover the versions of Qlik Sense Enterprise on Windows released in August 2021. Solved issues and limitations for Qlik Sense Enterprise on Cloud Services are also listed.

## What's new in Sense August 2021

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Please refer to the What's new sections of the online help for information about the new and updated features of the Qlik Sense Enterprise on Windows August 2021 release:

[What's new in Qlik Sense August 2021](#)

[What's new in Qlik Sense August 2021 \(Developers\)](#)

**This document covers the following releases:**

**Qlik Sense August 2021**

Release: August 24, 2021

## Resolved issues

Qlik Sense August 2021 comes with fixes for the issues described below.

### August 2021

Key	Release Notes Title	Release Notes Description
QB-2346	Fix: Capabilities API issue when rendering charts from sessionApps	There was an issue with mashups using the capabilities API to create a sessionApp and trying to render visualizations based that app. Sometimes the chart did not render.
QB-2487	"Fit to page" not working correctly when exporting a story	Fixes so "Fit to page" works correctly for bar- and line charts when exporting, for example, a story with embedded sheet.
QB-2586	Sort order not saved on bookmarks with layout	The sorting order property on pivot tables was sometimes not saved on a bookmark with save layout.
QB-3179	Fixed by upgrading Oracle driver	Upgrade Oracle to 1.4.9.1009 fixed the issue
QB-3185	Qlik Sense Repository service not working with TLS 1.2 enforced in AzurePortal	Due to a problem with the embedded Devart Postgres library, the repository service was not able to communicate when TLS 1.2 was forced as minimum protocol in the SSL settings on the Azure hosted Postgres instances. Addressed by using the latest Devart driver in the Qlik Sense composition.
QB-3428	Map Object Fix	Fixed a bug where Map Object is not aligned with other chart equivalents
QB-4039	Windows 150% scaling causing button object to not scale/render as expected	Fix to keep button inside object boundaries when scaling the window
QB-4090	'Failed to update heartbeat for Repository service status' errors but database values get updated	System_Repository logs were spammed with false errors indicating failure to update node's heartbeat status, though the database values were correctly set. This mechanism was improved, and no more errors are logged.
QB-4220	Paths from GetInteract corrected	Paths from GetInteract are corrected so that debugging of scripts with Must_Include returns the correct lib path from engine. Thereby, errors in the interaction with the client are avoided. Debugging of such scripts now works properly.
QB-4354	Download data takes a long time in a large app	Improvement on the client side to how app changes are saved. Download request time has decreased.
QB-4391	Export to PDF – fix flattened objects	Export to PDF – fix flattened objects: set the height to the visible sheet height
QB-4648	Angular.js upgrade	Upgrade of Angular.js for all relevant component.

QB-4678	The "DeleteBySelection" operation failed' error when trying to delete a stream	Under certain circumstances, when having an application and its duplicate published to the same stream, it was not possible to delete that stream. This is now fixed.
QB-4699	Hypercube memory limit error handling when using Aggr	Errors that are due to memory limit being reached when calculating a nested hypercube are returned to the client so that an error message can be displayed to the user.
QB-4724	Multi KPI object changes layout after page reload	Multi KPI object changes layout after page reload
QB-4727	Add FileTime() value for hosted filed	FileTime without arguments is supported for hosted files, for example for data files in QCS.
QB-4762	Date Picker: Not showing correct date for Range Today.	Because of different time zones, the date comparisons failed when checking for Range. Note: With the solution, the Range today works as expected.
QB-4770	Keyboard navigation for filter pane selection seems broken in embed sheet preview	Fix to avoid wrong filter panes to open with keyboard in embedded sheet preview
QB-4840	Japanese language stops client from loading	Choosing Japanese language causes the client to crash.
QB-4904	Changing the header font size does not get export to PDF	Header size was not exported to PDF/Image because CSS was overwritten in printing.
QB-4929	Making sure the number of data points is limited	The first load of the chart fetched too much data, but the correct amount when reloading it, for example, switching sheet back and forth. Now both loads are limited to the correct amount of data. Also showing the "Currently showing a limited data set" disclaimer for two dimensions as well.
QB-4960	Not being able to export data from dynamic views	The ability to export data from dynamic views has been restored.
QB-5028	In 3rd party extensions using qlik.getGlobal(this) was crashing	In 3rd party extensions using `qlik.getGlobal(this)` was crashing due to bad reference to new RPC model - Now fixed, both `qlik.getGlobal()` and `qlik.getGlobal(this)` do fallback to the enigma RPC model.
QB-5050	Details description not displayed for a master measure with modifier	Include description of master measure with modifier in details
QB-5088	Qlik Sense SaaS: Default bookmark with selection not working when "Save sheet location" is not enabled	Applying default bookmark when opening app for first time

QB-5103	ODBC connector packages can process binary data	<ul style="list-style-type: none"> <li>* On a select dialog UI, it displays "Binary data" instead of System.byte[] or actual data;</li> <li>* When reload, is loads binary data: <ul style="list-style-type: none"> <li>- Using a bulk reader - up to 4 Kb per value , the data format is hexadecimal for example 0102AAFFEF</li> <li>- Using a default way of reading data - up to 2 Kb per value, the data format is hexadecimal with dashes, for example 01-02-AA-FF-EF</li> </ul> </li> </ul>
QB-5120	Avoid intermediate results causing invalid json from expression	Intermediate results are not returned for some evaluated expression, which previously caused some charts to fail to be displayed.
QB-5128	Corrected Merge Load interpretation of null values	Null values interpretation during Merge Load was not fully aligned with the logic of regular Load statement processing.
QB-5204	Fix for Insight Advisor Chat data collection opt out issue	Fixed an issue where Insight Advisor Chat may send usage metrics to Qlik servers in cases where this has been deactivated
QB-5291	"Error 0x80091007: Hash mismatch for path..." error when installing .NET Framework 4.8 bundled with Qlik Sense installer	When installing or upgrading Qlik Sense on operating systems with versions of .NET Framework lower than 4.8, an automatic update of .NET Framework would fail with "Error 0x80091007: Hash mismatch for path: C:\ProgramData\Package Cache\unverified\NetFx48Full, expected: 8DD233698D5EB4609B86C2AC917279FE39E0EF4C, actual: 7FA401D92A8FE6896854D22C25405BCA118FD1C0" error. This is now fixed.
QB-5294	Script method NoOfRows only works for current section	The script method NoOfRows only works for the current section. Getting NoOfRows from a table in another section returns nothing.
QB-5299	Qlik Sense May 2021 fails to install/upgrade due to missing Microsoft Visual C++ 2015-2019 Redistributable (x64)	When installing or upgrading Qlik Sense to May 2021 release on operating systems missing Microsoft Visual C++ 2015-2019 Redistributable (x64), installer would fail during the PostgreSQL version 12.5 install. This is now fixed.
QB-5347	Shortening of softpatch sets corrected	Algorithm for shortening softpatch sets has been corrected, affecting for example moving columns in certain tables.
QB-5349	Fixed issue with map tooltip.	Fixed issue with the map wrongly formatting the tooltip value with decimals.

QB-5362	Unauthorized / access denied shown on WebFile connector	<p>Defaulted Engine to use Windows APIs to perform HTTP calls.</p> <p>Before the fix Engine was defaulted to use Curl and OpenSSL which caused the issue to occur (caused by fixing QB-3122).</p> <p>Defaulting setting to: WebFileUseWinAPI=1</p> <p>Important note: In case QB-3122 is the issue you are facing, add WebFileUseWinAPI=1 into settings.ini file for Engine.</p>
QB-5373	Mashup PDF and Image export not returning all rows for straight table	The export to image and pdf for the straight table did not export all the rows. This was due to the scroll position on the page. Now adjusted for that.
QB-5404	Direct API call (Engine): Section access using groups throws access denied when using non-lower case userId	<p>Only affects users who directly makes API call towards Engine (and bypasses Proxy).</p> <p>Fixed casing error on userId and userDirectory when trying to retrieve groups for user from Repository service</p>
QB-5442	Fix for insight advisor performance on complex queries/app with large dataset	Optimize the NLP search algorithm to improve the insight advisor performance for complex queries and applications with a large dataset.
QB-5661	Fix for issue with number formatting	Issue with number formatting in KPI object fixed.
QB-5663	Fix persistent storage path in precedents-service	Use custom storage path if one was provided by the user in the installer.
SUI-6901	Update dependency "underscore" to 1.13.x	Client exposed module "underscore" has been updated from 1.5 to version 1.13. This module is available for extensions and mashups, so this upgrade might require updates to those. The changes can be found at <a href="https://underscorejs.org/">https://underscorejs.org/</a> .

SHEND-552	Simplification of logging configuration for Application Distribution and Hybrid Deployment services	<p>Logging configuration for ADS and HDS via appsettings.json files from respective locations has been simplified to the following format:</p> <pre>"Logging": {   "LogMinimumLevel": "Information",   "FileSizeLimitBytes": 100000000,   "RetainedFileCountLimit": 31,   "RollingInterval": "Day",   "RollOnFileSizeLimit": true,   "OneLineException": true },</pre> <p>It is important to remember that any changes to all config files residing under C:\Program Files\Qlik\Sense are always overwritten with the default values upon an upgrade. Should you have any customization in those files and are restoring them after an upgrade from a copy, make sure that the logging section is aligned with the above.</p>
SHEND-509	Improve handling of conflicts when updating time-stamps on UDC related entities.	Value of ModifiedDate in the UserDirectorySettings table from QSR database is now set to DateTime.MaxValue to avoid any potential conflicts.
SHEND-500	New KeepAlive option to repository DB notification handler.	<p>Due to network instabilities repository service could sometimes lose the connection on the database notification handler. Repository service was unaware that the connection has been lost and therefore did not make any attempts to renew it. To avoid this from happening a KeepAlive option has been added to force a connection check at the given intervals. This is controlled via newly introduced key in C:\Program Files\Qlik\Sense\Repository\Repository.exe file and by default set to 60 seconds:</p> <pre>&lt;add key="DatabaseChannelReceiverKeepAlive" value="60" /&gt;</pre>
SHEND-495	Minor updates in connection session settings for Advanced LDAP UDC.	<p>Logic behind the two following Advanced LDAP flags has been slightly improved:</p> <p>nocertverify - skips server certificate validation  certdebug - debug level on certificate chain validation errors, if any, for troubleshooting</p>



# Known issues and limitations

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The following issues and limitations were identified at release time. The list is not comprehensive; it does however list all known major issues and limitations.

## Clients

- Third-party extensions are currently not supported on mobile devices, and the Qlik Trusted Extension Developer program does not accredit extensions for use on mobile devices. Depending on individual device specifications, mobile OS, and size of the Qlik Sense app, items generated using a third-party extension might fail to be visualized properly on a mobile device.
- When consuming Qlik Sense apps using Microsoft Edge browser, touch screen mode is activated by default even when it is run on a non-touch device.  
**Workaround:** turn 'touch screen mode' off from the navigation menu.
- When consuming Qlik Sense apps using Microsoft Edge browser on touch/hybrid devices, the long-press action does not work. This limitation prevents from accessing functions such as an object's context menu, which on touch mode requires a long-press. This is a Microsoft Edge's issue.  
**Workaround:** If using a hybrid device, turn the touch mode off and turn it back on again.
- Export as Anonymous does not work for mashups deployed in a domain that is different from the domain in which Qlik Sense is installed. Export only works for Anonymous if the mashup is deployed in the same domain as Qlik Sense.
- When using the new "Load Extension" syntax in the load script, the **Data load editor** syntax completion does not work well after the keyword "Extension" when trying to write the call to an SSE function (AAI function). Nevertheless, the script executes correctly.
- Legend does not show dimension values that are after row number 3000.
- Internet Explorer supports a maximum of six web socket connections.  
**Workaround:** See [https://msdn.microsoft.com/library/ee330736\(v=vs.85\).aspx](https://msdn.microsoft.com/library/ee330736(v=vs.85).aspx)
- Exporting a story to PowerPoint limitations:
  - Titles are not rescaled as HTML, font settings are not yet exported.
  - Storytelling effects are not applied.
  - Exported charts may show fixed scroll bars, depending on the export resolution.
- Opening the first application after login takes longer time in in Chrome version 78 or older.
- It is not possible to open the context menu of an orc chart on a touch device.
- When you choose to view data in the context menu in a Dynamic Chart and make a new selection in the app, you need to refresh the browser for the chart to be displayed again.

## Dynamic views

- Dynamic views that are deleted from one app are also deleted from every other app that was using the same view. There is no work-around for this issue other than to avoid deleting views that may already be in use by one or more other apps because of having made copies of these apps.
- When creating a new dynamic view in the assets panel, if there are one or more existing dynamic views, the dropdown menu item does not automatically change to show the charts of the newly created dynamic view. The user must click on the dropdown menu to choose the newly created view.
- The data for a dynamic view is automatically refreshed (i.e. re-queried from source) whenever a user enters a sheet containing any charts for that view. The same occurs when entering and then returning from the global selections panel as well as when adding a new chart for the same view. To prevent triggering this automatic refresh behavior, users should refrain from performing these actions on the base app.

- The view of a dynamic chart is cleared and overlaid with a message indicating a view constraint violation condition whenever the user changes the selection state of the base app such that the view's constraints are violated. Users should refrain from altering the selection state of the base app at least until they are finished making use of the data in any one of the dynamic view charts.
- The right-click "Go to source" option on a Snapshot slide for a dynamic chart does not select the actual dynamic chart when changing the view to the base app sheet.
- Chart settings changes made to dynamic view charts using the Exploration menu are lost following refresh operation of the view.
- Dynamic Views currently does not support the Trellis extension.

## Managing a Qlik Sense site

- The QMC Custom Property Edit page can currently handle a limited number of custom properties. If you want to edit custom property values in the QMC, we recommend keeping the amount of custom property values to a maximum of 500. If you want to just apply values without modifying them, the QMC can handle up to 10.000 custom property values.
- The Qlik Logging Service handles communication outages with PostgreSQL by retrying three times to establish the connection and displays an error if unsuccessful. Communication outages with PostgreSQL can occur for a number of reasons and are not always recoverable in the limited time window of three tries.
- With the current architecture it is not possible, using security rule on HubSection\_\* resource, to hide "Open hub" link from the "Navigation" menu when accessing app as an anonymous user.  
**Workaround:** Use reverse proxy configured to redirect "Open hub" link to a preferable landing site
- When removing app objects from an application via QMC's interface, deleted objects are not removed from that application's binary file stored on the file system.
- Logging utility does not support Postgres 12. The utility uses queries that are not compatible with Postgres 12.
- Unable to hide "Open hub" link for anonymous user by using security rule  
With the current architecture it is not possible, using security rule on HubSection\_\* resource, to hide "Open hub" link from the "Navigation" menu when accessing app as an anonymous user. Suggested workaround is to use reverse proxy configured to redirect "Open hub" to a preferable landing site.

## Qlik Sense Desktop

- Sorting by expression in a Pivot table may not work as expected.
- Qlik Sense Desktop can play WebM and Ogg, but not MP4 files due to limitations in Chromium.

## Connectors

- REST connector: The Next token pagination option does not work when the pagination token has the same value for each page.
- For connectors in the ODBC Connectors Package, only the data types listed as supported in the online help have been verified to work correctly in the Preview and Script editor. However, ODBC Connector Package does not prevent the loading of other data types, so in some cases unsupported data types can be loaded with the load script.

- ODBC connector: If the user name on the Microsoft Windows system running Qlik Sense Desktop contains letters that are not English alphanumeric characters, database connectors in the ODBC Connector Package do not work properly.  
**Workaround:** Change the Windows system locale to the match the character set that contains the characters used in the user name. For example, if the System locale on the system running Qlik Sense Desktop is set to English and a user name contains Swedish characters, the System locale setting must be changed to Swedish for the ODBC connector to work properly.
- The Qlik Salesforce Connector does not support PK chunking on sharing objects. PK chunking is supported only on parent objects.
- Apache Phoenix connector does not support non-latin characters in metadata. Connector may return a corrupted data or unpredictable query results if running a query with non-latin characters in metadata: table names, column names, aliases, etc.

## Cloud deployments and Multi-Cloud

- When downloading a pivot table in cloud environments (Qlik Sense Enterprise on Cloud Services and Qlik Sense Enterprise on Kubernetes), expanded rows are not included but stay collapsed.

## System requirements notes

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Please refer to the online help for information about the requirements for Qlik Sense:

[System requirements for Qlik Sense](#)



## 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.

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