

Qlik NPrinting® November 2019

Release notes

TABLE OF CONTENTS

What's new in Qlik NPrinting November 2019	2
Improvements	3
Resolved Issues	4
Upgrade notes	6
Known issues and limitations	8

What's new in Qlik NPrinting November 2019

QlikView NPrinting 16 migration tool

The migration tool makes it easy to migrate from QlikView NPrinting 16.3 or newer to Qlik NPrinting November 2019 or newer. In a few simple steps, you can import connections, filters, reports, and more.

Variable-based filters

Qlik NPrinting supports variable-based filters. It is possible to evaluate the value of a QlikView or Qlik Sense variable. Then you can use it in a filter and set the value of the variable directly during report generation.

This fills a feature gap with QlikView NPrinting 16.

QlikView 12.30 IR is not supported

QlikView 12.30 IR (12.30.20000), and only this specific version, is not supported by Qlik NPrinting. QlikView 12.30 SR1 and newer versions are supported.

**This document covers
the following releases:**

Qlik NPrinting November 2019

Release: November 11th, 2019

Improvements

Resend Qlik NPrinting Engine certificates

Jira issue ID: OP-8657

On the Web Console Engine page, you might have a Qlik NPrinting Engine that is enabled, but offline. In this case, you need to resend the certificates. The resend form is automatically unlocked. You need to complete the form with the password, and resend the certificates to turn the Qlik NPrinting Engine online. There is no need to reinstall the certificates.

Improved error management in case of `TimeoutException`, `MethodInvocationException`, or `ObjectDisposedException` for Qlik Sense connections

Jira issue ID: OP-8816

Error handling has been improved in case of *TimeoutException*, *MethodInvocationException*, or *ObjectDisposedException* for Qlik Sense connections. Report generation will automatically start over if these errors occur. You can view these error messages on the Task executions page.

Resolved Issues

Publish tasks remained in Running status for hours

Jira issue ID: OP-8457

In some cases, publish tasks remained in "Running" status for several hours.

Incorrect layout when exporting PowerPoint templates with Japanese characters in PDF

Jira issue ID: OP-4948

In some cases, PowerPoint templates with Japanese characters had incorrect layout (new lines were added) when exported in PDF.

"Rows to repeat at top" was not saved in generated Excel reports

Jira issue ID: OP-8623

In an Excel template worksheet with nested levels, the "Rows to repeat at top" page layout property was removed in generated reports.

Series values in PowerPoint charts changed after generated report

Jira issue ID: OP-8681

PowerPoint templates with a bar chart without the "Horizontal (Category) Axis Labels" entity tag generated a duplicated bar in the output reports.

Displayed "Finished" date was different than the "Last updated"

Jira issue ID: OP-8752

The finished date displayed in the task notification email sometimes was a date before the correct execution completion date displayed in the Qlik NPrinting Web Console.

Excel rows grouping did not work

Jira issue ID: OP-8786

Excel rows grouping did not work correctly. In produced reports, groups were split in two incorrect groups.

Previewing Excel reports as PDF produced empty pivot charts

Jira issue ID: OP-8854

Excel pivot table charts were empty when previewing in PDF.

Email failed to send if an attached report had empty data

Jira issue ID: OP-8888

Sometimes, an email containing attached reports that were not generated with the warning message "WARN: there is no report to produce due to empty dataset" in the task execution log. The email would not be sent, with warning: "ERROR: Value cannot be null. Parameter name: value".

Now the email is sent, and only successfully generated reports are attached.

Qlik NPrinting displays straight table columns in a different order than QlikView

Jira issue ID: OP-8638

NPrinting straight tables would sometimes display table columns in a different order than the QlikView document. Starting from QlikView 12.30, table columns will display in the correct order.

Changes to Filters APIs

Jira issue ID: OP-8918

Changes to filters APIs:

- The field properties "selectExcluded" and "overrideValues" are optional with default value "false"
- The filter fields list is optional with an empty fields list as default value
- Set missing/required attribute on properties that were only marked as optional

Executing multiple import tasks simultaneously could cause a performance degrades

Jira issue ID: OP-8861

Triggering multiple import tasks at the same time, on users that could conflict, could generate duplicate rows in the Qlik NPrinting Repository. This could result in a performance degrade.

Starting from this version, if you have import tasks that generate conflicts when run simultaneously, some of them are forced to fail and stopped.

Upgrade notes

To upgrade to Qlik NPrinting November 2019, you must start from one of the following versions:

- November 2019 TP (19.40.0)
- September 2019 (19.29.3)
- September 2019 TP (19.29.0)
- June 2019 (19.19.4)
- June 2019 Technical Preview (19.19.0)
- April 2019 (19.9.5)
- April 2019 Technical Preview (19.9.0)
- February 2019 SR1 (19.0.4)
- February 2019 (19.0.3)
- February 2019 Technical Preview (19.0.0)
- November 2018 (18.39.6.0)
- November 2018 Technical Preview (18.39.0.0)
- September 2018 SR2 (18.29.9.0)
- September 2018 SR1 (18.29.8.0)
- September 2018 (18.29.7.0)
- June 2018 (18.19.6)
- June 2018 TP (18.19.0)
- April 2018 (18.9.5)
- April 2018 TP
- February 2018 SR1 (18.0.4)
- February 2018 (18.0.3)
- February 2018 TP (18.0.0)
- November 2017 (17.6.0)
- November 2017 TP (17.5.0001.0)
- September 2017 (17.5.0)
- September 2017 TP (17.4.0001.0)
- June 2017 (17.4.0)
- 17.3.1
- 17.3.0

If you have installed an older version of Qlik NPrinting, you must upgrade to Qlik NPrinting 17.3 before you can upgrade to Qlik NPrinting November 2019 Technical.

You must back up your data before you proceed. Data can become damaged if a problem occurs during the upgrade. If data is damaged, a backup is required to restore the repository. See: [Backup and restore of a repository](#).

After backup, you must follow the instructions for upgrading on the help site page [Qlik NPrinting upgrade](#).

If you are upgrading from a version older than February 2018, due to a breaking change in the format of the metadata cache, all metadata caches (QlikView and Qlik Sense) will be marked as "not generated". Before being able to edit a template designed with one of these connections or create new ones, all connection caches must be regenerated.

Upgrade to November 2018 or newer

If you are upgrading to November 2019 Technical from September 2018 SR2 or older you must:

- Open port 4997 outbound on Qlik NPrinting Server and inbound on all Qlik NPrinting Engines.
- Reinstall all your Qlik NPrinting Engines and providing a password for certificate exchange.
- Open the Engine manager in the Web Console.
- Open the detail page for each Engine and send the certificate after inserting the same password you used during the engine's reinstallation.

Qlik NPrinting Engines stay offline until the certificate exchange is performed. Older Engine versions cannot connect to a Qlik NPrinting November 2019 Technical Server.

Known issues and limitations

The following issues and limitations were identified at release time. The list is not comprehensive; it lists all known major issues and limitations. We expect to have these issues fixed in future versions.

Supported languages

The following languages are supported:

- English
- French
- German
- Spanish
- Brazilian Portuguese
- Japanese
- Italian
- Simplified Chinese

Other languages are not officially supported. There may be issues with other languages, particularly those with right-to-left script and non-Roman alphabets.

Qlik Sense custom size sheets

Qlik Sense custom size sheets are not supported. Custom size will not be maintained on export.

Alternate states

QlikView and Qlik Sense alternate states are not supported.

"Always One Selected Value" does not work correctly with QlikView Server 11.20 SR15

Jira issue ID: OP-4663

Opening a QlikView document with at least one field with "Always One Selected Value=true" from QlikView Server version 11.20 SR15 causes incorrect results. You will see different values compared to opening the same document using a local connection.

The workarounds, in order of preference, are:

- Use a newer version of QlikView server.
- Remove the "Always One Selected Value=true" option.
- Connect the document locally.

Qlik NPrinting must be installed only on C: drives

Jira issue ID: OP-6196

Qlik NPrinting Server, Engine, and Designer can only be installed on C: drives. Any attempt to install them on a different drive will result in task failures.

Image size settings are not respected when adding the same object twice

Jira issue ID: OP-5831

When you add the same object twice, using the Images node in Qlik NPrinting Designer, only the image size property of the first image is respected.

QlikView On-Demand reports with data from mounted folders

Jira issue ID: QVII-1336

When creating QlikView On-Demand reports based on connections that use mounted folders, not all selections are taken into consideration. Errors occur when a document name that is preceded by a mount name is sent in through automation to create a Document Chain Bookmark. This limitation applies to QlikView 11.20 SR15 and earlier.

QlikView On-Demand reports cannot be connected to Qlik Sense

It is possible to select the “Enable” check box in On-Demand for reports using Qlik Sense app data. These reports are visible in the QlikView On-Demand menu of the QlikView On-Demand add-on. But if selected, they will not generate reports, and you will see an error message.

Qlik NPrinting Designer crashes sometimes with zoomed screen settings

If you experience random crashes when using Qlik NPrinting Designer, open your Windows Display Settings in the Control Panel and verify that Smaller – 100% (default) is selected. When settings of 125% or 150% are selected, Qlik NPrinting Designer may crash.

On-Demand works in Chrome and Firefox, but not in Internet Explorer (11 or older) or Edge

Jira issue ID: OP-5908

In some cases, when you use Qlik NPrinting On-Demand in Internet Explorer 11 or Edge, the “origin” HTTP header is not generated. This results in the error message “REVEL_CSRF: tokens mismatch”.

The workaround is to install Qlik NPrinting On-Demand on a Microsoft IIS server hosting QlikView Access point or use a different web browser.

On-Demand objects do not appear in Access Point

Jira issue ID: OP-4655

After upgrading to QlikView 11.20 SR15 or SR16, you must add the missing MIME types to make the On-Demand add-on work.

To add the two new mime types in the QMC:

1. In the QMC, open the System tab.
2. Click Setup.
3. Expand the QlikView Web Server node.
4. Click on QVWS@YourServer.
5. Click the Web tab.
6. In the Mime Types section, the click the green + button in the upper right corner.
7. Add the following rows to the Content column:

.JSON in the Extension column and `application/json`

.TTF in the Extension column and `application/x-font-truetype`

This problem does not occur with new installations of QlikView 11.20 SR15 or SR16.

Upgrading from 17.0.2 to 17.1.0 with a QVP connection

Jira issue ID: OP-3441

Upgrading from 17.0.2 to 17.1.0 with a QVP connection will fail with an Unhandled Exception:

System.InvalidOperationException: Could not upgrade database to version 17.1.2.0. --->

System.ArgumentException: Invalid connection string parameter DocumentPath: a.qvw.

To upgrade from 17.0.2 to 17.1.1 with a QVP connection, you must do the following:

1. Change all the QVP connections to local connections.
2. Upgrade to 17.1.0.
3. Re-connect to QVP Connections.

Too many users and filters leads to Qlik NPrinting Designer errors

Jira issue ID: OP-4940

Qlik NPrinting Designer may be unable to open a report template if there are too many filters associated with a connection in the report's app. The following error message displays: "A task was canceled".

This typically happens when more than 4000 filters are using fields from a connection. Sometimes, higher numbers can work. For example, 7000 filters have worked in some situations.

The workaround is:

1. Split the Qlik NPrinting app into separate apps.
2. Split the connections (possibly by using multiple connections to the same documents in different apps).
3. Split the filters across apps (so that the filter count per app is lower).

Task fails with the error 'Exceeded maximum number of retries'

Jira issue ID: OP-4839

Some Qlik NPrinting tasks fail with the error message: "Exceeded maximum number of retries". This is due to a performance issue in QlikView that appears when it exports large unfiltered files to Excel.

Verify connection freezes during “Initializing...” status

Jira issue ID: OP-5278

In some rare circumstances, pressing the Verify connection button will cause the screen to freeze on the “Initializing...” status and the spinning wheel cursor. This happens when a Qlik NPrinting Engine goes offline and Verify connection is pressed before the Qlik NPrinting Scheduler is aware that it is offline. It can take up to 20 seconds before the Qlik NPrinting Scheduler determines the offline status of a Qlik NPrinting Engine.

User filters are excluded from matching and object filters

Jira issue ID: OP-5914

When you:

- Open Qlik NPrinting Designer
- Import a report

The filters associated with each user are not uploaded, or displayed, for performance reasons. Waiting for all filters for thousands of users to import would take a long time. In most cases, importing this information is unnecessary, because filters created for users often contain something like the user IDs.

You can change this behavior and make all filters visible by uncommenting the line `<!--<add key="include-user-filters" />-->` in the *webengine.config* file.

To make a specific filter visible in the lists, remove its association to all users, or create a new filter with the same fields and values not linked to any user.

Keep Source Format option does not keep Excel merged cells

Jira issue ID: OP-5545

Excel merged cells are not supported for Qlik NPrinting tags regardless of Keep Source Format option.

Cancelling an upgrade results in a corrupted environment

Jira issue ID: OP-3986

The rollback that follows a Qlik NPrinting Server or Engine upgrade cancellation may corrupt the related Qlik NPrinting installation. A rollback is triggered by errors or by clicking the cancel button during the upgrade execution. After a corruption caused by a rollback, services may be uninstalled or cannot be started.

To restore a Qlik NPrinting Server to its original status:

- Retrieve a recent backup
- Uninstall Qlik NPrinting Server
- Perform a clean installation of the same Qlik NPrinting Server of the backup
- Restore the backup

You should always create a backup before starting an update. In any case, a backup is automatically created in the folder `“%ProgramData%\NPrinting”` at the beginning of the upgrade process.

To restore a Qlik NPrinting Engine to original status:

- Uninstall Qlik NPrinting Engine
- Perform a clean installation of Qlik NPrinting Engine

Adding a title to a Sense object with Assistance on generates an error on preview or task

Jira issue ID: OP-7560

Add title functionality is not supported on Qlik Sense objects with Assistance mode enabled. The workaround to restore the Add title functionality is to disable Assistance mode for the chart in Qlik Sense. Then reload the metadata of the connection.

Cannot export tables, columns, and cells from Qlik Sense objects made using chart suggestions

Jira issue ID: OP-7568

Qlik Sense objects made in Assistance mode cannot be used as tables, columns, or cells in Qlik NPrinting. To restore them, disable Assistance mode on the chart in Qlik Sense; then reload the metadata of the connection. Furthermore, if a Qlik Sense object made with Assistance mode is exported as a table, column, or cell using Qlik NPrinting APIs, the request will fail.

Open Type Fonts (*.otf) are not supported

Jira issue ID: OP-7165

Open Type Fonts (*.otf) are not supported in PixelPerfect templates. Generated reports will use a different font, and not look as expected.

Qlik Sense tables with conditionally shown columns have limited functionality

Jira issue ID: OP-7747

The following functionalities are not supported for Qlik Sense tables that have a "Show column if" condition set on one or more of their columns: levels, single column export, and keep source formats.

Images were rendered with the title caption

Jira issue ID: OP-7953

This bug is solved starting from Qlik NPrinting November 2018, but if you use QlikView 12.20 SR7, and only with this specific service release, it is still present.

When you add a QlikView chart as an image in a template it will still be exported with the border and the title caption.

QlikView tables with more than 256 columns cannot be imported

Jira issue ID: OP-8570

QlikView tables with more than 256 columns cannot be imported into Qlik NPrinting report templates. All Qlik NPrinting versions are affected by this limitation, 16 series included.

Qlik Sense On-Demand reports with selections on calculated dimensions fails

Jira issue ID: OP-8382

Qlik Sense On-Demand reports with selections applied on calculated dimensions will fail. However, you can apply selections on dimensions based on Qlik Sense fields. The workaround is to move the formula to the load script and use the calculated fields to apply selections to your On-Demand reports.



About Qlik

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

[qlik.com](https://www.qlik.com)

© 2019 QlikTech International AB. All rights reserved. Qlik®, Qlik Sense®, QlikView®, QlikTech®, Qlik Cloud®, Qlik DataMarket®, Qlik Analytics Platform®, Qlik NPrinting®, Qlik Connectors®, Qlik GeoAnalytics®, Qlik Core®, Associative Difference®, Lead with Data™, Qlik Data Catalyst™, Qlik Associative Big Data Index™ and the QlikTech logos are trademarks of QlikTech International AB that have been registered in one or more countries. Other marks and logos mentioned herein are trademarks or registered trademarks of their respective owners. BIGDATAWP092618_MD