Qlik Connector 7.0.2 for use with SAP NetWeaver

Release notes

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What's new in Qlik Connector 7.0.2 for use with SAP NetWeaver?

Note: All components are recompiled for new releases. It is recommended that you always update both the SAP and Windows systems. There is backward compatibility to the SAP code, so it is possible to install the new release of the connector on Windows without installing the corresponding SAP transports. In that case, however, new functionality and bug fixes that are dependent on changes in the SAP code are not available. New features and bug fixes in Qlik Connector 7.0.2 for use with SAP NetWeaver that are dependent on changes in the SAP code are marked with **(Requires SAP transport update)**.
See below for the current backwards compatibility of the components of the connector package.

BEx connector

Single sign-on

Single sign-on (SSO) is now supported between Qlik Sense and SAP BW. SSO is enabled through Server-side trust and is implemented with the use of Secure Network Communication and SAP Cryptolib.

Data type mapping

With Qlik SAP Connectors package v7.0.2 an update of the BEx connector has been made in which data type mapping has been added. In earlier versions of the BEx connector the data from SAP came in fields with 'unknown' data type and it was up to Qlik to set a suitable type based on the content. With 7.0.2 the data types of the BEx query fields are read and the information is used in the Qlik client to interpret the data correctly.

The data types that are affected are:
- Floating point numbers (FLTP)
- Decimal numbers (DEC)
- Numerical characters (NUMC)
- Quantity (QUAN)
- Currency (CURR)
- Date (DATE)
- Time (TIMS)
- Integer (INTx)

The unaffected data types are:
- Currency (CUKY)
- Unit (UNIT)
- Character (CHAR)

This change might affect existing Qlik scripts that have custom code that uses the data from a BEx extraction. To preserve the old behavior of the BEx connector after an upgrade to 7.0.2 there is a **new connection string property called BEX_LEGACY (Bex Legacy Data Types) that can be set for the connection**. For scripts created after an upgrade to 7.0.2 the recommendation is to not use the 'BEx Legacy Data Types' connection string property. The fact that a field is data type mapped does not necessarily mean that the output will change in Qlik when upgrading to 7.0.2, it is dependent on the content previously extracted from SAP.

Example: 0CALMONTH previously came in the format 0MMYYYY but to be able extract NUMC fields with data type mapping they are now extracted in their SAP internal format. This affects the output of 0CALMONTH to be extracted as 0YYYYMM instead which means that any load script logic to map the outcome to a calendar field in Qlik needs to be adjusted.

It is strongly recommended to test any existing scripts in a test environment before upgrading a production environment.
(Requires SAP transport update).

SAP basis support

- SAP basis 6.40 is no longer supported.

Bug fixes

Qlik Connector 7.0.2 for use with SAP NetWeaver comes with fixes for the issues described below.

General

Jira issue ID: SAP-1834
Description: Not able to connect with special characters in password.

BEx Connector

Jira issue ID: SAP-1771
Description: Some key figures are interpreted as text due to the country specific settings of the global variables in the script in Sense. A bug regarding 'Time' fields could result in truncated times in Qlik. **(Requires SAP transport update).**

Jira issue ID: SAP-1895
Description: If there is an InfoObject with the 'Selection' setting 'Unique for every cell' in the BEx query, the data extraction will fail with an ABAP dump in SAP and a No_Processing message in Qlik. **(Requires SAP transport update)**.

InfoProvider Connector

Jira issue ID: SAP-1860
Description: The connector is not considering SAP authorizations for InfoProviders used. See online help for instructions about how to set up the authorizations. **(Requires SAP transport update)**

Jira issue ID: SAP-1890
Description: InfoProvider connector connection string property TimeOutFetch is not reflected in the connector.

Jira issue ID: SAP-1805
Description: InfoProvider - Impossible to create Between condition in Qlik Sense Sept 2018.

Jira issue ID: SAP-1957
Description: Error when creating script for InfoObjects with XXL text. **(Requires SAP transport update)**

Report Connector

Jira issue ID: SAP-1833
Description: Report Connector does not reset variables when getting next report. Some variables are not reset before getting the next report. This will corrupt the auto detect handling and result in wrong column sizes. The easy workaround is to close the selection dialog and start fresh with the next report.

SQL Connector

Jira issue ID: SAP-1889
Description: Message server jobs were failing after upgrading to SAP Connector release 7.0.1. **(Requires SAP transport update)**

Known issues and limitations

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. We expect to have the issues fixed in future versions.

Changing the field selection in Add Data -> Tables -> Edit this table -> Select data from source does not work in Sense: June 2017 release. The issue is resolved in later releases of Qlik Sense (from June 2017 patch 1). This is valid for all Qlik Sense connectors.

BAPI Connector

In this release QlikView uses the legacy BAPI connector (dll file).

If a BAPI has multiple output, the connector now can handle that in one execution (Qlik Sense). In this release, the feature is available in 'Data load editor'. In 'Add data' the BAPI is executed as many times as the number of outputs selected.

Upgrade notes

Backup recommendations

Version 7.0.2 overwrites any previous version of the Qlik Connector for use with SAP NetWeaver.
It is important that you make a backup of the site before upgrading, to be able to recover the site if the upgrade fails.
The following table shows the current backwards compatibility of the components of the connector package.

Connectors	Windows files	SAP transport (data extraction)
SQL connector	7.0.2	6.1.1 or later
BEx connector	7.0.2	6.1.2 or later
SAP Query connector	7.0.2	5.80 SR2 or later
Report connector	7.0.2	5.80 SR2 or later
Extractor connector	7.0.2	5.80 SR2 or later
BAPI connector	7.0.2	5.80 SR2 or later
InfoProvider connector	7.0.2	6.5.0 or later

System requirements notes

Qlik Sense version November 2017 or later is required for the Bex and Extractor connectors.
Qlik Sense version June 2018 or later is required for the SQL, BAPI, and InfoProvider connectors

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About Qlik

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