
QlikView

QlikView Governance Dashboard 1.1.1 System Requirements and Release Notes

QlikView Governance Dashboard 1.1.1

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Content

1	System Requirements	3
2	Functionality in Version 1.1.1	4
2.1	What's New in Versions 1.1 and 1.1.1	4
2.2	Support material	5
3	Known issues	6
4	Bugs corrected in Versions 1.1 and 1.1.1	8

1 System Requirements

The Governance Dashboard can be installed onto computers with the following operating systems:

- Microsoft Windows Server 2003 SP2
- Microsoft Windows Server 2008 R2
- Microsoft Windows 7 Professional
- Microsoft Windows XP, sp3 or higher
- VMware images with these operating systems can also be used.

Intel® Core™ Duo compatible or higher recommended. The metadata scanner component of the Governance Dashboard 1.1.1 version is a native 32-bit application and runs in 32-bit compatibility mode on 64-bit processors.

Governance Dashboard requires the Microsoft .NET 4.0 framework. It also requires Microsoft Visual C++ 2010 Redistributable Package (x64) for 64-bit machines and (x86) for 32-bit machines. If the C++ package is not installed, then the installation machine must have access to the Internet during installation to download it.

The QlikView Governance Dashboard requires QlikView 11 IR or later to execute but it supports scanning QVW and QVD files created by QlikView version 10 SR2 and later. It is recommended that QlikView 11.2 (or later) be used whenever possible.

Systems require 2 GB of RAM.

Disk space:

Runtime Engine, Scanner, and Dashboard : 230 MB

Scanned Metadata Storage: 10+ MB (depending on number and size of QVW, QVD, QVX and QlikView Server and Publisher log files).

QlikView Desktop must be installed and licensed for use on the same machine. The Governance Dashboard will install but cannot run without QlikView Desktop.

The Governance Dashboard's metadata scanner contains logic that can scan the log files of the QlikView Server and Publisher.

2 Functionality in Version 1.1.1

The QlikView Governance Dashboard provides QlikView administrators and developers visibility into their QlikView deployments by displaying metadata collected from QVW, QVD, and QVX files and QlikView Server and Publisher log and configuration files.

Note: QlikView 10 documents (QVWs) can be scanned, but QlikView 10 Server and Publisher logs cannot be scanned.

The Governance Dashboard consists of two components:

- A QlikView Expressor data integration application that scans and extracts the metadata in a QlikView deployment (QVD, QVW, and QVX files, QlikView Publisher and Server logs) and prepares the governance data models containing deployment's metadata.
- A QlikView dashboard with multiple sheets of charts and tables that present the governance information for the IT user.

The QlikView Governance Dashboard addresses common problems with larger QlikView deployments:

- The creation of redundant QlikView files that contain overlapping instances of dimensions, measures, and expressions.
- The large number of files can become unmanageable and the likelihood of inconsistencies among similar QVWs increases significantly.
- Inconsistencies created by the flexibility QlikView provides for defining and generating expressions, files, fields, and calculated data and measures.

Collecting and organizing metadata enables QlikView users and IT administrators to maximize data governance practices and optimize their QlikView investment. With the information collected in the Governance Dashboard, QlikView users and administrators can discover how efficiently their data and applications are being used as well as make informed decisions on how to develop future QlikView applications.

2.1 What's New in Versions 1.1 and 1.1.1

The following features were introduced in Version 1.1. Version 1.1.1 contains a fix for a bug that prevented scanning of UNC paths.

- Ability to use single Dashboard app to scan multiple QlikView clustered environments.
- Improved License support includes Concurrent Sessions metric, session trend lines, and more usage details.
- New Dashboard landing page with at-a-glance summary of QlikView deployment that can be easily printed.
- Field Usage page containing high-level analysis of where fields are referenced in expressions, variables, labels, dimensions, and groups.
- Additional publisher statistics including: duration of last reload, days since last reload, and section access.
- Additional Sheet Object metadata: sheet reference for objects (QV 11.2 SR4), text "definition" for text objects, expressions in Listboxes.
- Direct Discovery indicator in data lineage for scripts written in QV 11.2.
- More meaningful navigation bar with clearer tab labels.

2.2 Support material

The features of QlikView Governance Dashboard are documented in the online help. The online help is also installed in the QlikView folder on the Windows Start menu. It is in the **Governance_1.1** subfolder. Links to a PDF version of the installation instructions are available at the product download site. The installation documentation includes instructions for upgrading from Governance Dashboard 1.0, 1.0.1, or 1.1 to version 1.1.1.

3 Known issues

The following issues have been identified.

GOV-437

On Windows Server 2003 systems, Governance Dashboard fails to run if an expired license file for QlikView Expressor software is found.

Workaround: Update the license if the system is running QlikView Expressor software independently from the Governance Dashboard. Otherwise, delete the license file in C:\Documents and Settings\TRL\Application Data\expressor\QexLef.txt.

GOV-431

Installation fails when attempting to install Microsoft Visual C++ 2010 Redistributable Package.

GOV-425

Session Heatmap: Selection makes heatmap jump (re-sort).

GOV-424

Error scanning cannot find QvpTaskDetailPath for Taskresults on windows 2003 with Qlikview server 10.

Workaround: Use QlikView 11 instead of QlikView 10. QlikView 10 documents (QVWs) can be scanned, but QlikView 10 Server and Publisher logs cannot be scanned.

GOV-423

"Launch QVW" fails with error 'Failed to launch qv.exe'.

Workaround: Use QlikView 11 instead of QlikView 10.

GOV-422

Dashboard - Publisher Doc Tasks - result text in chopped off on bottom with 10.2 desktop.

Workaround: Use QlikView 11 instead of QlikView 10.

GOV-421

Sheets, Objects, Expression -> expressions Variables are listed for each different value they are assigned to including the count, yet clicking on them shows ALL variables for ALL counts not just the one user selected.

Workaround: Use QlikView 11 instead of QlikView 10.

GOV-420

Session -> Concurrency value misallocates session starts between minutes :55 and :59.

GOV-418

Lineage -> QVD Details table shows row with no data.

GOV-414

"Doc" should be "App" for consistency - primarily on Sessions and Log Details.

GOV-413

Cal Type should read CAL Type.

GOV-385

Missing ";" for configuration of Server Path causes fatal run time error yet for Publisher and Repository it's not fatal.

GOV-384

Validate 'Validate Profile & File Paths' not validating file paths.

GOV-381

Data Lineage 'Target QVD\QVX' has a blank entry.

GOV-380

Data Lineage Process lists qvw's twice, once with path all lowered, once with path in mixed case.

GOV-377

Clicking back and forth on 'User Config script?' and "multi-cluser reload" can cause the configuration script name to be lost for one of the toggles.

GOV-329

"List of paths to scan" MUST be present to scan.

GOV-326

Validate results in error "Execution of script failed. Reload old data?"

GOV-322

Concurrent Sessions should not aggregate by Server (aka Node) but by Cluster.

GOV-310

Lineage: QVX Files created in QVWs not appearing as "Generated QVD/QVX".

GOV-308

Lineage for BINARY load not working.

GOV-231

Scan runs successfully, but Validate Inputs & Paths fails.

Workaround: If the problem occurs, stop using Validate Inputs & Paths button and use the Scan button only.

GOV-202

Scan error "Operator 'Extract Directory Scan Error' has terminated unexpectedly".

GOV-217

Missing support for scanning the Publisher document and task metadata from the SQL-based QlikView Publisher Repository.

GOV-155

"Table not found" error on reload with QlikView 10 SR2 client because of a know QlikView bug (TFS #50984). This QlikView bug was addressed with the release of QlikView 11.2.

GOV-146

Engine directory (C:\ProgramData\QlikTech\Governance_1.0Beta2\engine\var\message\res) left behind after uninstall the Beta version of Governance Dashboard. If Version 1.0 is uninstalled, the directory C:\ProgramData\QlikTech\Governance_1.0\engine\var\message\res is left behind.

4 Bugs corrected in Versions 1.1 and 1.1.1

Bugs corrected in Version 1.1 and 1.1.1 compared to Versions 1.0 and 1.0.1.

GOV-433

Cannot scan files using a UNC path.

GOV-356

PERFORMANCE: Lineage Files (primarily QVD Lineage) growing astronomically large.

GOV-353

Governance Dashboard fails to load in Windows 8 / Server 2012.

GOV-334

% Distinct expression on QVW Detail data is incorrect (showing > 100%).

GOV-312

Crash: runtime error in GenerateFileList causes eTool.exe to die.

GOV-309

Lineage - Sources wrapped in [] (e.g. :[file.QVD] or path\file.txt) are bucketed as Unknown.

GOV-285

Lineage expression "Used by X # QVWs" should be changed to "Used by X # Processes".

GOV-279

Scanning directory with subdirectories > 256 chars results in 'Table not found' error or crash in ds.dll.

GOV-276

dashboard install now wrongly installs 'Governance Dashboard.qvw.log' for the Default and Template profiles

GOV-273

Hang: Task Result Join operator hangs when there are many TaskResults and one node.

GOV-263

Hang: Task Result Join operator hangs when there are many TaskResults and one node.

GOV-256

Faulty server log files cause "abort dataflow" in scan.

GOV-252

GovDash UI: text object and list box overlap.

GOV-246

Listbox expressions aren't shown on SOE->Expressions sheet.

GOV-245

Listbox expressions aren't shown on SOE->Expressions sheet.

GOV-244

SOE sheet choosing 'Object Type' - 'Listbox' shows all expressions in qvw NOT just expressions in Listboxes.

GOV-242

"Sheet, Obj Expr" Sheet shows QlikView Server log files which are meaningless in this context.

GOV-233

Error message incorrect syntax results in incomplete error message.

GOV-122

UNC directories only work if they include a subdirectory beyond the drive letter.

GOV-121

Scans of some QlikView deployment environments can take a long time to complete. This is most noticeable when several years of Server, Events, and Performance logs are included in the scan.