QlikView Installation Guide

Server/Publisher

April 13, 2011 – Version 1.x

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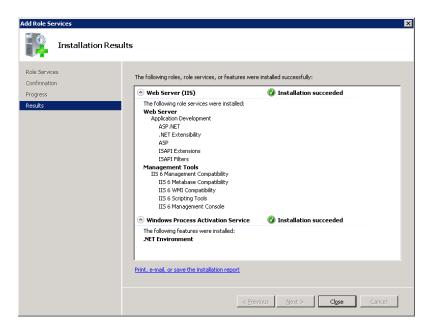
Overview

This document will describe the installation and configuration process for QlikView Server and Publisher at the VA AITC. At the end of this process, you should have a clustered QlikView Server and single QlikView Publisher installed and configured across multiple machines. One reload and distribution task will be defined and ability to open a document through AccessPoint will be tested. Additional information can be found in the **QlikView Server Reference Manual.pdf**, which can be downloaded from <u>http://global.qlikview.com/download/</u>

Pre-Installation

The following tasks should be completed prior to starting the QlikView Server installation and configuration process.

- 1. Allocate and install VM or physical QlikView server machines. Dev environment has 2 VM's defined, **VASDPAPP80** and **VASDPAPP82**.
- 2. Verify .NET 3.5.1 is installed.
- 3. For the primary server (e.g. VASDPAPP40), in addition to the server OS, verify **IIS 7** is installed. For IIS, please verify that the features include all features listed on page 1 of the document **IIS7_6 Compatibility Settings.pdf**. The features installed on Dev are:



and

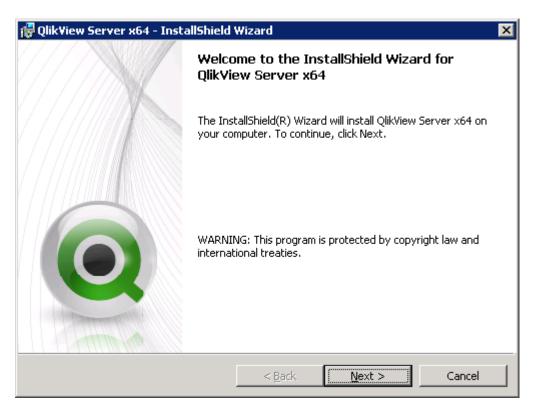
Add Role Services	ts		×
Role Services Confirmation Progress	The following roles, role services, or features wer	re installed successfully:	
Results	Web Server Security Windows Authentication		
	Print, e-mail, or save the installation report	vious Next > Cigse	Cancel

- 4. Install and configure shared storage. All machines should have access to a common folder. Create a folder named **QlikView_AccessPoint**.
- Download QlikView Server installation file from <u>http://global.qlikview.com/download/</u>. Select Version 10, English, 64-bit. For initial install, we are using GA IR (initial release).
- 6. Define a service account for each environment. This account should have local administrator rights on each machine. The account should be included in the Local **Administrators** and **QlikView Administrators** Groups on each machine. The user should be explicitly included (not through group names) in the QlikView Administrators group. The service account for the Dev environment is sdp_qlikview_dev.
- 7. Create a new website in IIS. This can be located on the D:\ drive of the primary server in the QlikView cluster configuration. This is named QlikView in the Dev environment. For information on the security certificate, please see *Appendix A* in this document.

Installation

The following tasks should be performed to install the QlikView Server application.

1. Execute the QlikView Server installation file **QlikViewServer_X64Setup.exe**. This file was downloaded during Pre-Installation.



2. Click Next

🙀 Qlik¥iew Server x64 - InstallShield	Wizard		×
Select Region			0
France Germany Ireland Italy Japan Luxembourg Netherlands New Zealand Norway Spain Sweden Switzerland Portugal United Kingdom United States Other			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

3. Select United States for the correct EULA and click Next.

🙀 QlikView Server x64 - InstallShield Wizard 🛛 🛛 🗙
License Agreement
Please read the following license agreement carefully.
IMPORTANT-DO NOT INSTALL OR USE THE SOFTWARE THAT
ACCOMPANIES THIS LICENSE UNTIL YOU HAVE READ AND ACCEPTED ALL
OF THE LICENSE TERMS BELOW.
PERMISSION TO INSTALL AND USE THE SOFTWARE IS CONDITIONAL UPON
THE PURCHASER OF THE LICENSE FOR THE SOFTWARE (THE "END USER") AGREEING TO THESE LICENSE TERMS. INSTALLATION OR USE OF THE
SOFTWARE BY THE END USER WILL BE DEEMED TO BE ACCEPTANCE OF
THESE LICENSE TERMS IF YOU ARE INSTALLING AND USING THIS
I accept the terms in the license agreement Print
\odot I <u>d</u> o not accept the terms in the license agreement
InstallShield
< <u>B</u> ack <u>N</u> ext > Cancel

4. Review and accept the license agreemnt and click Next.

🔂 Qlik¥iew Server x64 - InstallShield	Wizard		×
Customer Information Please enter your information.			0
User Name:			
AITC			
Organization:			
DVA			
InstallShield			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

5. Enter Customer Information and click Next.

🙀 Qlik¥iew	Server x64 - InstallShield	Wizard		×
	ion Folder xt to install to this folder, or clic	k Change to install	to a different folde	r. 🧿
	Install QlikView Server x64 to D:\Program Files\QlikView\	:		Change
InstallShield -		< <u>B</u> ack	<u>N</u> ext >	Cancel

🙀 Qlik¥iew Server x64 - InstallShield Wizard		×
Change Current Destination Folder		
Browse to the destination folder.		
Look in:		
ClikView	•	🔁 💣
, Eolder name:		
D:\Program Files\QlikView\		
InstallShield		
	ОК	Cancel

6. Change the destination folder to install. Programs should be installed on D:\ drive. Click OK and then Next to continue.

🙀 Qlik¥iew Server x64 -	InstallShield \	Wizard		×
Profile Select the profile that you	want to use.			Q
 QlikView Server Reload/Distribution Engine Management Console Webserver 		hine, full install QlikView Server	the purpose for You can select r profile. If you w	he profiles that fits your installation, nore then one vant to select the elf please click on
IIS QlikView Web Ser InstallShield	ver	< <u>B</u> ack	Next >	Config

7. For the primary machine in the cluster, select QlikView Server, Reload/Distribution Engine, Management Console, and Webserver (IIS). Click the Config button to add additional features.

🙀 Qlik¥iew Server x64 - InstallShield Wizard	×
Custom Setup Select the program features you want installed.	Q
Click on an icon in the list below to change how a feature is inst	alled.
 QlikView Server Documentation QlikView Server Example documents QlikView Server Client files Microsoft IIS Support Distribution Service QlikView Web Server QlikView SDK Support Tools 	Feature Description This feature requires 1776KB on your hard drive.
Install to:	⊆hange,
InstallShield	
Help Space < Back	<u>N</u> ext > Cancel

For additional machines, select Additional QlikView Server Service only and click Next (no additional Config is necessary).

🙀 Qlik¥iew Server x64 -	InstallShield Wizard	×
Profile Select the profile that you	want to use.	Q
🗖 QlikView Server	🔲 Single Machine, full install	The "Additional QlikView Server" feature only installs the QlikView Server feature.
☐ Reload/Distribution Engine	Additional QlikView Server service	
Management Console		
Webserver		
		Config
InstallShield	< <u>B</u> ack	Next > Cancel

8. Select Install on Installation for Microsoft IIS Support, QlikView SDK, and Support Tools. Click Next to Continue.

🙀 Qlik¥iew 9	5erver x64 - InstallShield '	Wizard		×
IIS Websi	te			0
i	Please select from the d websites which one you directories into. If you w the installation and crea Qlik¥iew Server installat	want to install t ant to create a ite a new websil	he Qlik¥iew Serv new website, ple	er virtual ase cancel
	QlikView For more information about 1	IIS see: http:/www	v.iis.net	
InstallShield —		< <u>B</u> ack	<u>N</u> ext >	Cancel

9. For the primary machine in the cluster, select the website you created during Pre-Installation to use for QlikView Server. Click Next to continue.

🙀 Qlik¥iew Server x64 - InstallShield Wizard	×
Logon Information Specify a user name and password	0
Specify the user name and password of the user account that will logon to use user account must be in the form DOMAIN\Username.	this application. The
I want to specify the account to be used for the services late	er.
User name:	
vaaustin\SDP_Qlikview_Dev	B <u>r</u> owse
Password:	
•••••	
InstallShield	
< <u>B</u> ack <u>N</u> ext >	Cancel

10. Specify the service account and password to use for all QlikView services.

🙀 Qlik View Server x64 - InstallShield Wizard 🛛 🔀
Ready to Install the Program Image: Constallation installation installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield < <u>B</u> ack Cancel

11. Click Install to continue.

🙀 Qlik¥iew	Server x64 - InstallShield Wizard					
Installing QlikView Server x64 The program features you selected are being installed.						
12	Please wait while the InstallShield Wizard installs QlikView Server x64. This may take several minutes.					
	Status:					
InstallShield –		ncel				
	S Barry Barry S					



- 12. Click Finish to complete the installation dialog.
- 13. REBOOT THE MACHINE TO COMPLETE THE INSTALLATION PROCESS.

QlikView Enterprise Management Console (QEMC)

Once the machine has completed its reboot, initiate the QlikView Enterprise Management Console (QEMC). This tool will be used to configure, control and monitor all QlikView Servers and services in the QlikView cluster. It is installed on the primary machine in the QlikView cluster, but can be opened through any browser that has access to the environment. To allow a specific user to open the QEMC, they must be a member of the local QlikView Administrators group on the primary machine in QlikView cluster.

If you are on the server console, you can open the QEMC through Program shortcuts under QlikView and QlikView Enterprise Management Console. You can also open through a browser URL: <u>http://<server>:4780/qemc/default.htm</u>

License QlikView Server and Publisher

Use the QEMC to enter the license information for QlikView Server and Publisher. Navigate to: System ... Licenses ... QlikView Server ... QlikView Server License.

🖉 Qlik View Enterprise Management Console - Windows Inter	net Explorer		
COO - Attp://localhost:4780/qemc/Licenses.htm#		💌 🗟 🗲 🗙 🔽 Bing	P -
🖕 Favorites 🛛 🖕 🏉 Suggested Sites 🔹 🔊 Web Slice Gallery 👻			
C QlikView Enterprise Management Console		🏠 🔹 🖾 👻 🚍 🖶 🕈 Bage 🕶	Safety + Tools + 🕢 +
Status Documents Users System			Qlik View
Setup Licenses About Supporting Tasks			
Type Name	QlikView Server License Client Access Licenses (CALs)		
QlikView Publisher QMS@vasdpapp80			
QlikView Server QVSCLUSTER@vasdpapp80	Serial and Control		
	Serial number: 1004660485219377		
	Control:		
	Paste the contents of the LEF file here (optional):		
	1004660485219377		
	NUMBER_OF_CLUSTER_NODES;2;; NUMBER_OF_DOCUMENTCALS;20;;		
	NUMBER_OF_SESSIONCALS;2;; NUMBER_OF_USERCALS;50;;		
	PRODUCTLEVEL;10;;2011-09-01 TEST_EDITION;YES;;		
	WEBPARTS;YES;; WORKBENCH;YES;;		
	47XK-HCZX-FQGN-MFBZ-GPQL		
	Owner Information		
	Name: SPD		
	Organization: DVA		
		Clear License Update License From Server App	oly License
		🔍 📢 Local intranet Protected Mode: Off	🖓 🕶 🔍 100% 👻 🌈

Enter the serial number (no spaces) and control number. Paste the LEF information for this license. Enter the Owner Name and Organization. Once all information is entered, click **Update License From Server**.

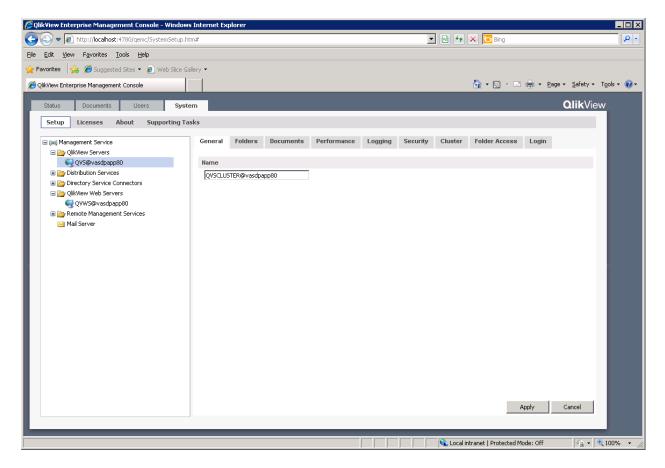
You will need to click OK to restart the QlikView Server service.

If successful, all information will still display except the control number. You can also check the Client Access Licenses (CALs) tab to verify the correct number of CALs have been assigned (All servers in the QlikView cluster share the total CALs).

Repeat this process for QlikView Publisher. Only the primary server in the QlikView cluster needs to be licensed through this dialog.

Configure QlikView Servers in Cluster

Use the QEMC to configure the folder and cluster information for the primary server. In the Dev environment, this is VASDPAPP80. Configure this under System ... Setup.

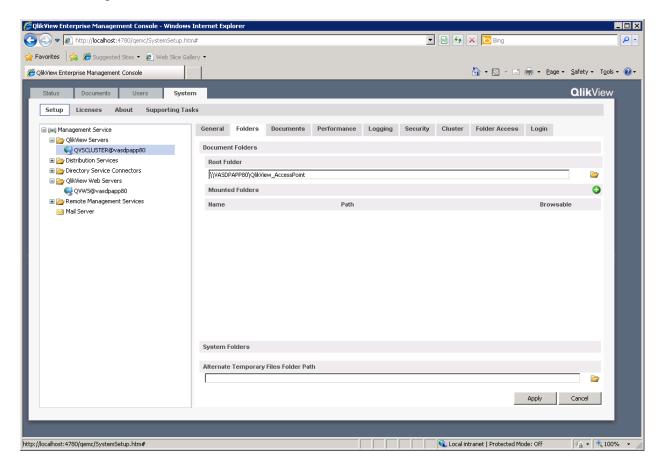


It is suggested to change the name of the primary server to

QVSCLUSTER@<server>. In Dev, this is QVSCLUSTER@vasdpapp80. Change the name on the general tab for the QlikView Server. If you have more than one server

listed under QlikView Servers on the left pane, select QlikView Servers to see the list in the right side. Then delete the additional servers by clicking on the X. You should only see the primary server listed. Click Apply to save changes.

Locate and select the primary server under QlikView Servers. On the Folders tab, enter the shared storage location pointing to the QlikView_AccessPoint folder you created during Pre-Installation.



Click Apply to save changes.

This requires a restart of the QlikView Server service. Click OK to restart the service.

Next, you must list all servers in the QlikView cluster. Use the Cluster tab in this dialog to specify all servers, including the primary server. For additional servers, be sure to specify the port on the name, e.g. **qvp://vasdpapp82:4747**/

🖉 Qlik Yiew Enterprise Management Console - Wii		et Explorer								_ 🗆 ×
C C V Filtp://localhost:4780/qemc/SystemSe					- 🖻 🕯	* 🗙 🔽	Bing			₽ •
🔆 Favorites 🛛 🚖 🏈 Suggested Sites 👻 🙋 Web S 🏈 QlikView Enterprise Management Console	ilice Gallery 👻					🟠 • E	3 - I ¢	,9 ▼ <u>P</u> age ▼ <u>S</u> afe	ty + T <u>o</u> ols ·	- @-
Status Documents Users Statup Licenses About Supporting	System								Qlik Vie	w 🔺
(iii) Management Service QlikView Servers QlikView Servers QlikView Servers Qlistribution Services topology asdpapp80 Distribution Service Connectors Disrectory Service Connectors	General Serial and Serial nun Control:		Documents	Performance	Logging	Security	Cluster	Folder Access	Login	I
Generative y and we connectors Generative y and we connectors Generative Web Servers Generative Web Servers Generative Web Servers Generative Management Services Mail Server	Url qvp://vas qvp://vas	dpapp80/ dpapp82:474	7			ine Name D.vaaustin.dev D.vaaustin.dev			••••••••••••••••••••••••••••••••••••••	l
					Coc Loc	al intranet Pr	otected Mode	e: Off	• 🖲 100%	

You will need to enter the Control number for the license. If there is more than one additional server in the cluster, click on the green + button to add. For the Link Machine Name, you must specify the full address (based on the security certificate) of the primary machine.

OPTIONAL:

If you wish to change the location of the QlikView Server log files, open the Logging folder and enter the new location, e.g. D:\QlikView\Logs

🔊 🗢 🕖 http://localhost:4780/qemc/SystemSetup.h	m# 💌 😒 😽 🗙 🔽 Bing	
<u> </u>		
vorites 🛛 🙀 🏈 Suggested Sites 👻 🙋 Web Slice G kview Enterprise Management Console	illery ▼ ∰ ▼ Dage + Safety •	• T <u>o</u> ols •
Status Documents Users Syst	an Qlik	View
Setup Licenses About Supporting Ta	sks	
		- I
(ini) Management Service []	General Folders Documents Performance Logging Security Cluster Folder Access Login	
QUSCLUSTER@vasdpapp80	Log Level	
🗉 🗁 Distribution Services	Enable session logging	
Directory Service Connectors Directory Service Connectors Directory Servers	Enable performance logging every 5 minutes	
QWVS@vasdpapp80	Enable event logging	
표 🗁 Remote Management Services	Enable audit logging of client activity	
🖂 Mail Server	Log Folder	- 11
	C:\ProgramData\QlikTech\QlikViewServer	2
	Event log verbosity	- 11
	© Low	- 1
	C Medium	
	CHigh	
	Split Files	
	© Never	- 1
	C _{Daily}	
	C Weekly	
	C Monthly	
	C Yearly	
	Apply Cancel	
		-

Configure IIS Webserver

Use the QEMC to configure the IIS webserver located on the primary QlikView server in the QlikView cluster. Navigate to System ... Setup. Select QlikView Web Server and change the location to:

http://<server>:80/qvajaxzfc/accesspointsettings.aspx

Then click Apply to save settings.

QlikView Enterprise Management Console - Windows J	· · · · ·		
Second States (1990) Second States (1990)		💌 🗟 👉 🗙 🔽 Bing	P -
😭 Favorites 🛛 🚖 🌔 Suggested Sites 🔹 🔊 Web Slice Galle	ry •		
Console		🏠 ▼ 🖾 → 🖃 🖶 ▼ Page ▼	Safety + Tools + 🕢 +
Status Documents Users System			Qlik View
Setup Licenses About Supporting Task	5		
			_
(m) Management Service Great Control Contro Control Control Control Control Control Control Control Control C	QlikView Web Servers		•
QVS@vasdpapp80	Url		
€ QV5@vasdpapp82	http://vasdpapp80/qvajaxzfc/accesspointsettings.aspx] ×	
Distribution Services Discroty Service Connectors			
🖃 🧁 QlikView Web Servers			
QVW5@vasdpapp80			
Emperature E			
		Apply	Cancel
		Арру	Cancel
Done		Local intranet Protected Mode: Off	🔺 🔹 100% 🔹 🏾

Configure QlikView AccessPoint in Cluster

Use the QEMC to configure the shared AccessPoint in the QlikView cluster. Navigate to System ... Setup. Select the QlikView Web Server to configure.

🚱 🕞 💌 🖻 http://localhost:4780/qemc/SystemSetup.htm#	₽ -
Elle Edit View Favorites Iools Help	
🔆 Favorites 🖕 🏉 Suggested Sites 👻 🙋 Web Site Gallery 👻	
🍘 QikView Enterprise Management Console	ls 🕶 🔞 🕶
Status Documents Users System QlikView	
Setup Licenses About Supporting Tasks	
🖃 (w) Management Service Summary General Authentication AccessPoint Ajax Web Login	
B C Vikiew Servers	
B Distribution Services Path B Directory Service Connectors (huw 10/276/0/creareDoint acroy	
P Children Web Servers	
QVWS@vasdpapp80	
Comparison of Management Services Same Window	
Default Preferred Client Client Paths	
C IE plugin IE plugin: //QvPlugin/opendoc.htm	
AJAX zero footprint AJAX zero footprint: //QvAJAXZfc/opendoc.htm	
Plugin Download	
Show link	
Server Connections	
Respect browsable flag on mount	
Name Load Balancing Always Tunnel 🔾	
QV5@vasdpapp80 ▼ LoadedDocument ▼	
Apply Cancel	
🖌 👘 🖓 🗸 📢 🖓 🗸 📢 🖓 🗸	10%

On the AccessPoint tab and under Server Connections, enter the name of the primary QlikView Server as: QVS@<server>. Also, change the Load Balancing selection to Loaded Document. Click Apply to save changes

IIS Configuration

Import the certificate and bind it.

👼 Console1 - [Console Root\Certificates (Local Computer)\Personal\Certificates]						_ D ×	
🚡 Ele Action View Favgrites Window Help							
Console Root	Issued To 🔺	Issued By	Expiration Date	Intended Purposes	Actions		
Certificates (Local Computer)	🙀 vasdpapp80.VAAUSTIN.DEV	vasdpapp80.VAAUSTIN.DEV	10/29/2011	Server Authentication	Certificates		
Personal					More Actions	•	
Trusted Root Certification Autho							
표 🧮 Enterprise Trust							
Intermediate Certification Autho							
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				Þ	J		
Personal store contains 1 certificate.							

Edit Site Bindin	g		? ×
<u>Type:</u> https	IP address: All Unassigned	•	Port: 443
Host name:			
<u>S</u> SL certificate	:		
QlikViewSelfSig	jned	•	<u>V</u> iew
		ок	Cancel

Nanager			- -	
G S VASDPAPP80 ► Sites ► QlikView	•) 🖾 🖂 🕞 -
Eile <u>Vi</u> ew <u>H</u> elp				
Connections				Actions
🔍 • 🔒 🖄 😣	Authentication			Enable
Start Page	Group by: No Grouping -			Edit
Application Pools	Name 🔺	Status	Response Type	🕡 Help
🖻 🔂 Sites	Anonymous Authentication	Disabled		Online Help
	Windows Authentication	Enabled	HTTP 401 Challenge	
	Features View 💦 Content View			
Configuration: 'localhost' applicationHost.config , <location path<="" td=""><td>="QlikView"></td><td></td><td></td><td>•<u>1</u>.:</td></location>	="QlikView">			• <u>1</u> .:

Set Windows Authentication on the QlikView website. Disable Anonymous.

Set Require SSL, 128-bit to the QlikView website through IIS.

🐂 Internet Information Services (IIS) Manager				
G S VASDPAPP80 ► Sites ► QlikView ►		🗾 🖾 🔛 🔛 🕶		
<u>F</u> ile <u>V</u> iew <u>H</u> elp				
Connections Start Page VASDPAPP80 (VAAUSTIN(vhaisabishop) Application Pools Stas Concerning Application Pools Concerning Stas Concerning Concerning Application Pools Concerning Concerni	SSL Settings This page lets you modify the SSL settings for the content of a Web site or application. Require SSL Require 128-bit SSL Client certificates: Accept Require Require Client view Content Vi	Actions Actions Apply Cancel Cancel Action Conline Help Conline Hel		
eq:configuration: localhost' applicationHost.config , < location path	="QlikView">	¶.:		

QlikView Web Services using SSL Configuration

This section will describe how to set SSL communication between the QlikView web services, including Management console, Directory service, Distribution service, etc. This communication requires use of a third party certificate which must be requested after QlikView Server-Publisher has been installed.

For Dev environment, a self-signed certificate is being used. Pre-prod and Prod will use a standard third party certificate. Once the certificate is obtained, follow the instructions in **Appendix C** in the **QlikView Server Reference Manual**. This will guide you to complete the following steps to be performed on the primary server:

- 1. Import the certificate to the correct certificate store on the server using **Management Console** and the **Certificate snap-in**.
- 2. Get the thumbprint for the certificate. Open the **Certificate snap-in** in **MMC** and double-click on the certificate. Copy the **Thumbprint** hash to notepad or similar. Remove the spaces in the hash.
- 3. Generate the GUID. Download **Guidgen.exe** from Microsoft to generate a unique GUID in Registry Format. Copy the GUID to **Notepad.exe**.
- 4. Bind to SSL in Windows Server 2008. Using the **netsh** command shell as follows

netsh http add sslcert ipport=0.0.0.0:4710 certhash=hash appid=GUID

where

ipport is the ipnumber of QlikView service and the port used (4710).
certhash is the thumbprint hash of the certificate.
appid is the generated GUID in the form {xxxxxxx-xxxx-....}". The GUID must be
enclosed by curly brackets.

To verify the registration of the certificate, use netsh http show sslcert.

You will need to run this command four times as follows: netsh http add sslcert ipport=0.0.0.0:4710 certhash=hash appid=GUID netsh http add sslcert ipport=0.0.0.0:4720 certhash=hash appid=GUID netsh http add sslcert ipport=0.0.0.0:4730 certhash=hash appid=GUID netsh http add sslcert ipport=0.0.0.0:4780 certhash=hash appid=GUID Administrator: C:\Windows\system32\cmd.exe

There is a .bat file on the dev VASDPAPP80 C:\ drive named sslcert.bat that you can view as an example.

 Make changes to config.xml for QlikView Web Server to add the full URL used for SSL. The default location for the config.xml file is D:\Program Files\QlikView\Server\WebServer. Note that the URL must match the URL for which the certificate is valid.

```
<ConfigUrl>https://_:4750/qvws.asmx</ConfigUrl>
```

Make sure no other services are using the port specified for SSL and restart the service. If it fails to start, it's either because a service is already running on the specified port, or errors exist in the config.xml.

Update Configuration Files

Change QlikView services configuration files to use https. In each of the files listed below, set the value for **UseHTTPS** to **true**.

D:\Program Files\QlikView\Management Service\QVManagementService.exe.config D:\Program Files\QlikView\Directory Service Connector\DirectoryServiceConnector.exe.config D:\Program Files\QlikView\Distribution Service\QvDistributionService.exe.config

Restart all QlikView Services. The secondary QlikView Server service(s) does not need to be restarted.

Update QEMC Configuration

Open the QEMC using the SSL URL as follows:

URL: https://<server full name>:4780/gemc/default.htm

Where

Server full name is the fully qualified domain name on the certificate, e.g.: VASDPAPP80.VAAUSTIN.DEV

The URL for the services must match the URL in the certificate. The settings must be changed in the user interface: System, Setup, Service, General, Location.

Change the beginning of the URL for each of the following services listed using https and the full server name. For example:

https:// VASDPAPP80.VAAUSTIN.DEV

Make this change for: Distribution Service Directory Service Connector QlikView Web Service

Be sure to click Apply after each update.

QlikView Publisher Configuration

Use the QEMC to configure the QlikView Publisher. The QlikView Publisher is responsible for reload and distribution of QlikView documents. All documents are generally reloaded from the Source Documents location and distributed to the User Documents (AccessPoint) location.

Define the Source Document Folders:

Navigate to System ... Setup. Select the QDS under Distribution Services to configure.

🖉 QlikView Enterprise Management Console - Windows Internet Explorer	
🚱 🔄 🗢 🔊 https://vasdpapp80.vaaustin.dev:4780/qemc/SystemSetup.htm#	P -
🙀 Favorites 🛛 🙀 🏈 Suggested Sites 👻 😰 Web Slice Gallery 🔹	
🧭 QlikView Enterprise Management Console 👌 🔹 🖾 👻 🗁 🦣 💌 Eage 💌 Safety 🕶	T <u>o</u> ols + 🔞 +
Status Documents Users System Qlik	view 占
Setup Licenses About Supporting Tasks	
(iii) Management Service Summary General Alert E-mail E-mail Templates Advanced Login	
E	
Location	,
QDS@vasdpapp80.vaaustin Url B Derectory Service Connectors	
B QikView Web Servers https://vasdpapp80.vaaustin.dev:4720/qtxs.asmx	
E Company Remote Management Services	
Mail Server Directory Services	
Directory Service Connector: DSC@vasdpapp80.vaaustin.dev	
Application Data Folder	
C:\ProgramData\QlikTech\DistributionService	
Logging Level	
○ No logging ⓒ Normal logging ○ Debug logging	
Security	
Use SSL For Distribution Service Communication	
Source Folders	>
Disable Task Triggers For Document Administrators	
E:(QikView_Source 🔀 🗁	
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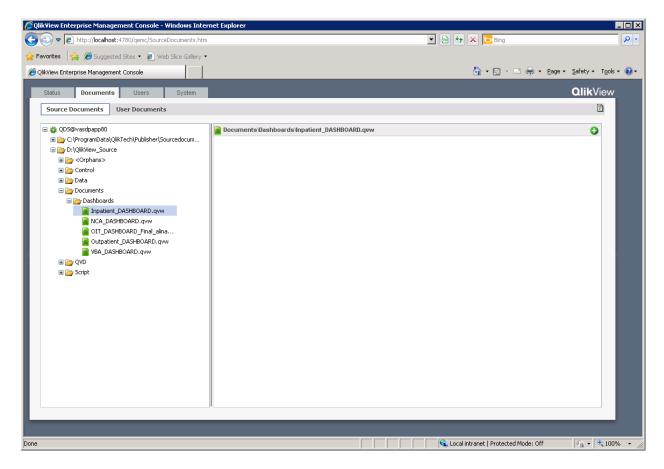
On General tab, click the green + button under Source Folders to add a folder. Click the folder icon to browse for the location.

Click OK and then Apply when done with adding folders. For the initial development, we only require the folder E:\QlikView_Source.

Define a Task:

Publisher Tasks are created to perform sets of activities against a document. Typically, these activities involve reloading and distributing a document to a specified set of users.

To define a task, navigate to Documents ... Source Documents. Use the folder tree to locate the document to create the task for.



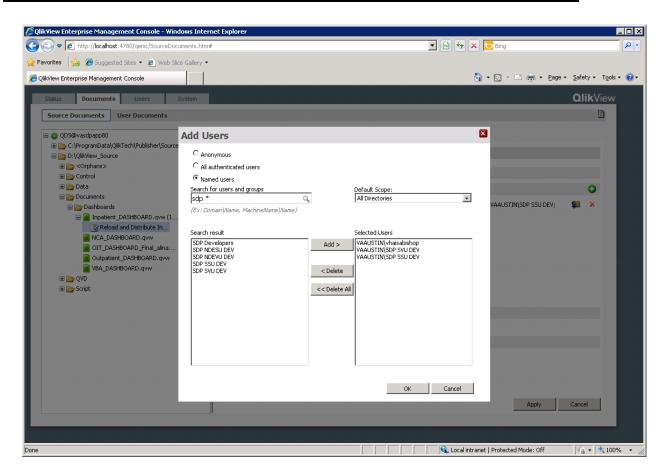
Click on the green + button in the upper right of the screen.

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🗄 🦢 Control	Task name: Reload and Distribute Inpatient_Dashboard		
🐨 🗁 Data 🖃 🧁 Documents	Description: Reload the document and dis		
□ □ □ Dashboards	AccessPoint for all allowed	d users	
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On the **General** tab, make sure the task is Enabled. Enter a task name and description. No changes are required on **Reload** and **Reduce** tabs for this task. Edit the **Distribute** tab to set the authorized users.

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Click on the green + button to add a distribution. Click on the Users icon to add the users to allow access to.



Hint: use the * in the search string to find generically. Click on the search icon to find users. Select the users or groups from the left side and click Add to move to the right side. Click OK when you are done adding users.

Add a category for this document on the **Document Info** tab.

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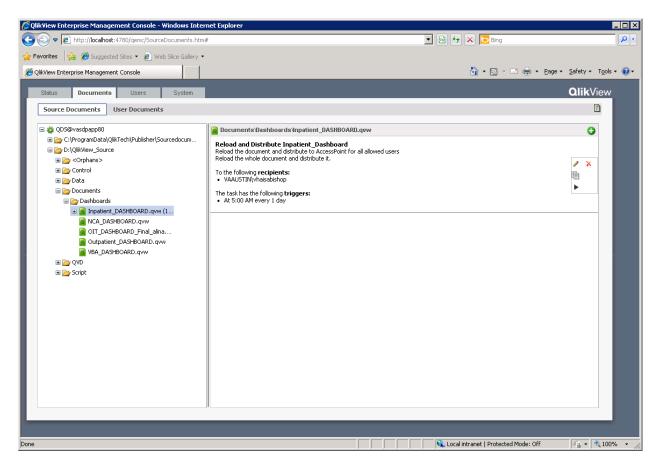
Set a trigger for reload on the **Triggers** tab – usually a time schedule

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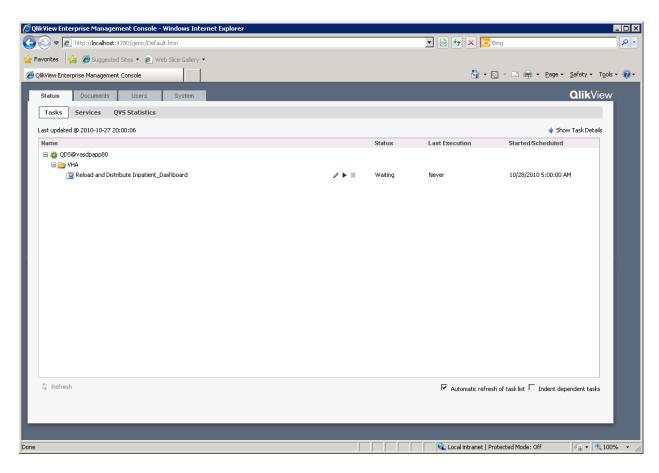
Set preloading and client access on the **Server** tab – consider removing the Download check.

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NCA_DASHBOARD.qvw	Access	Between 00:00 and 23:59		
Outpatient_DASHBOARD.qvw	Access method:	🔽 IE client		
VBA_DASHBOARD.qvw		Mobile client		
🗄 🗁 Script		AJAX zero footprint client Url: Download		
		Maximum number of concurrent sessions: 5000		
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Click Apply to save this task.



A task can be run manually either from Source Documents or Status ... Tasks



Once the task has completed the status will be set to Waiting. The document should be available in AccessPoint to the allowed users.

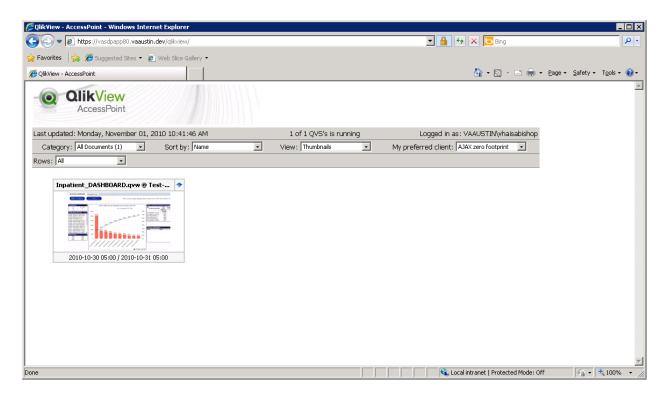
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To restrict certain users from creating objects through the QlikView client, use the Server tab in the task definition. Set Create Objects to Restricted. Add the Domain\User name or group name that is ALLOWED to create objects. Multiple names or groups may be added (use the green + button to add). This must be configured for EACH document.

QlikView AccessPoint

Open the AccessPoint using a web browser. The URL is: <u>https://<server_full_name>/QlikView</u>

For Dev, the server full name is: vasdpapp80.VAAUSTIN.DEV



Click on a document image to open the document in the browser window.

Appendix A - Security Certificate

A Self Signed Certificate has been created on VASDPAPP80:

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