

QlikView Server Installation Guide on Window Server 2008 R2 Enterprise with IIS 7

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1. Introduction

This document will describe the installation and configuration process for QlikView Server 11.2 Service Release 4 (64 bit version). At the end of this process, you should have a QlikView Server installed and configured in Window Server 2008 R2 Enterprise with IIS 7 (64 bit version). Additional information can be found in the QlikView website, which can be downloaded from [here](#).

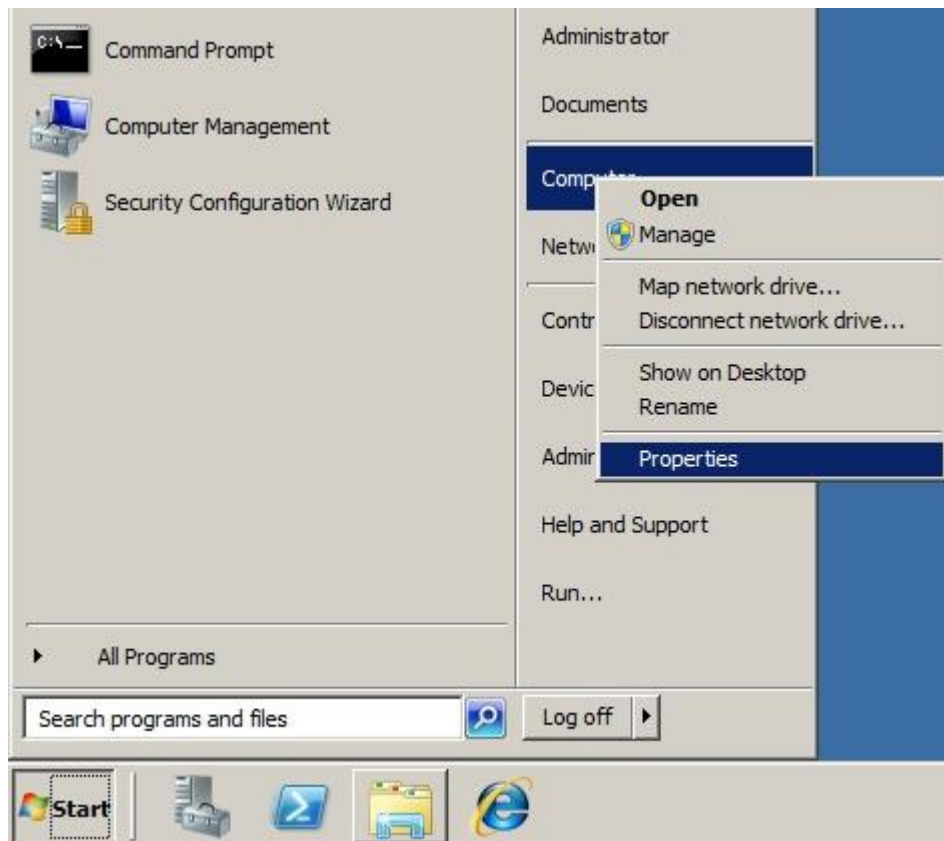
2. Pre-Requisites

1. Window Server 2008 R2 Enterprise
2. Microsoft .NET Framework 4 or higher
3. QlikView Server x64 Setup
4. QlikView Offline Service

3. Server Settings (Optional)

3.1 Setup Server Name

- i. In **Start** menu, Right Click on **Computer** and click **Properties**



- ii. Click on **Change Settings**



- iii. Fill **Computer description** then click **Change**

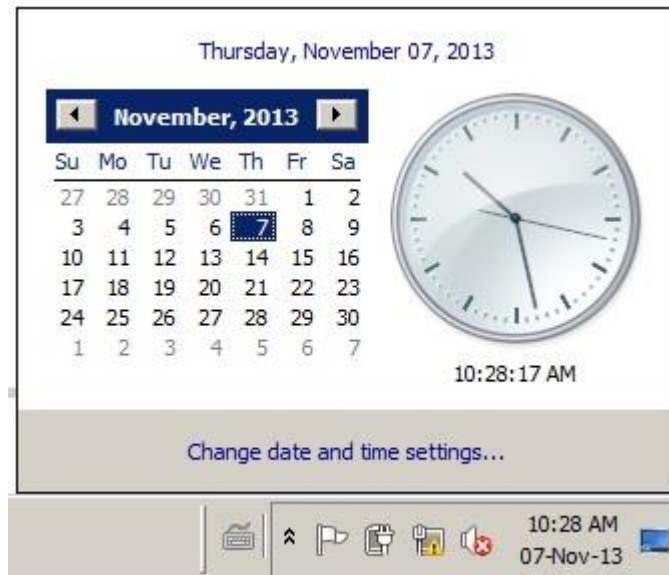


- iv. Fill **Computer name** then click **OK** to finish



3.2 Setup Server Date Time

- i. At bottom left corner, click on date in task bar then click **Change date and time settings...**



- ii. Click on **Change time zone...**



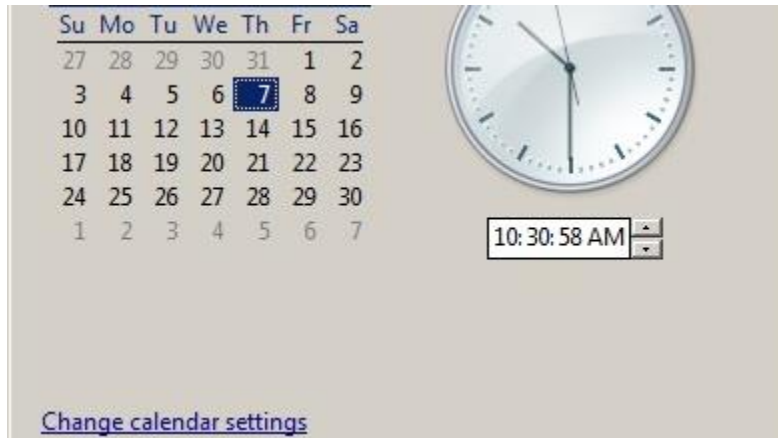
- iii. Select **Time zone** in drop down list then click **OK**



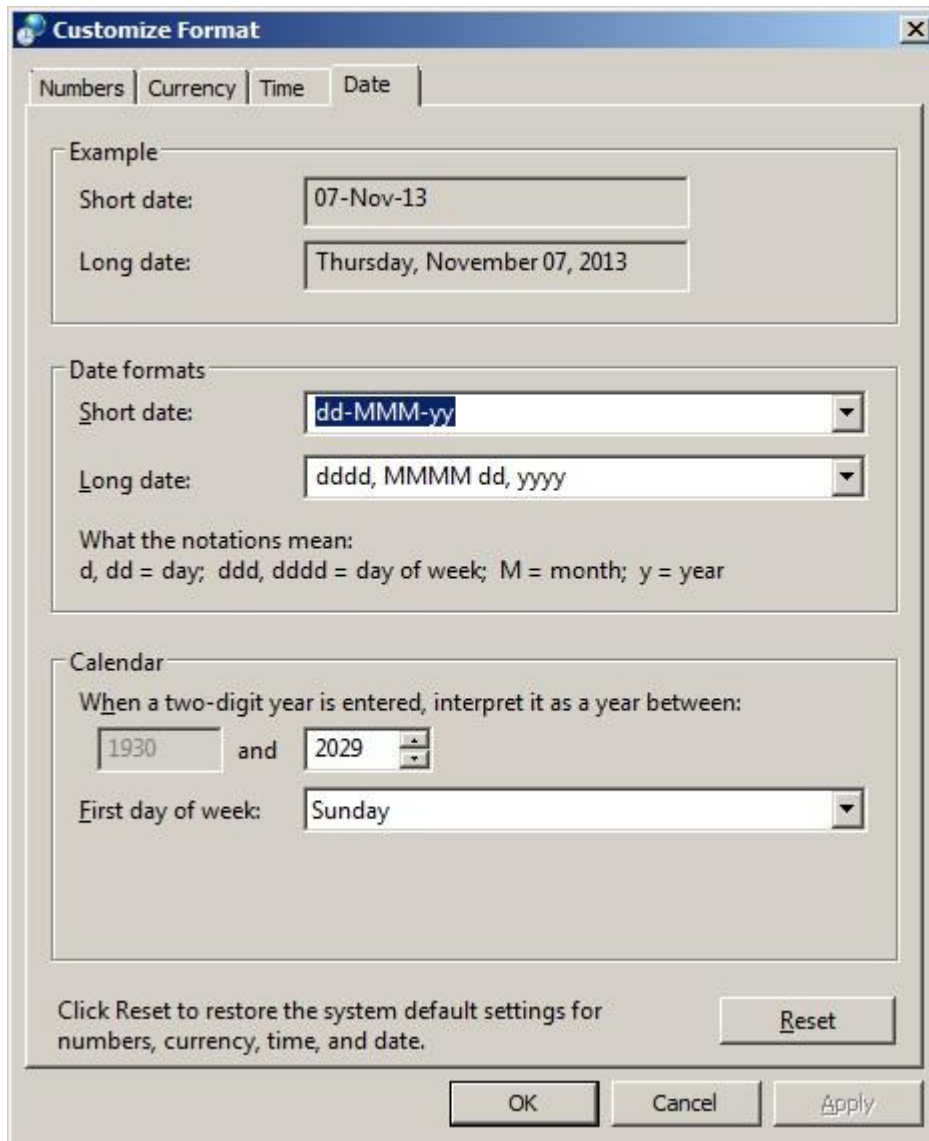
- iv. Click on **Change date and time...**



- v. Click **Change calendar settings**



- vi. Click **Date** tab then choose **Short date**, click **Apply** and **OK** to finish



3.3 Setup Server Location

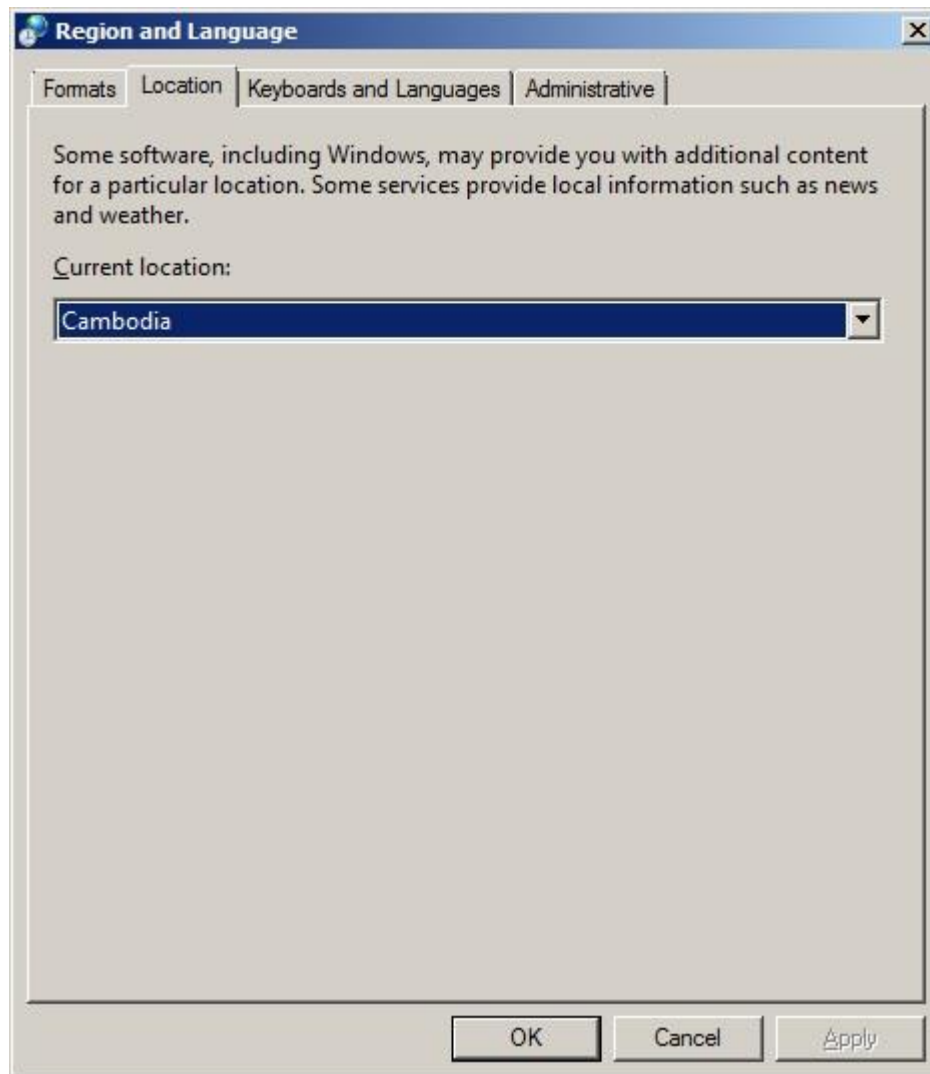
- i. In **Start** menu, click on **Control Panel**



- ii. Click on **Regional and Language**



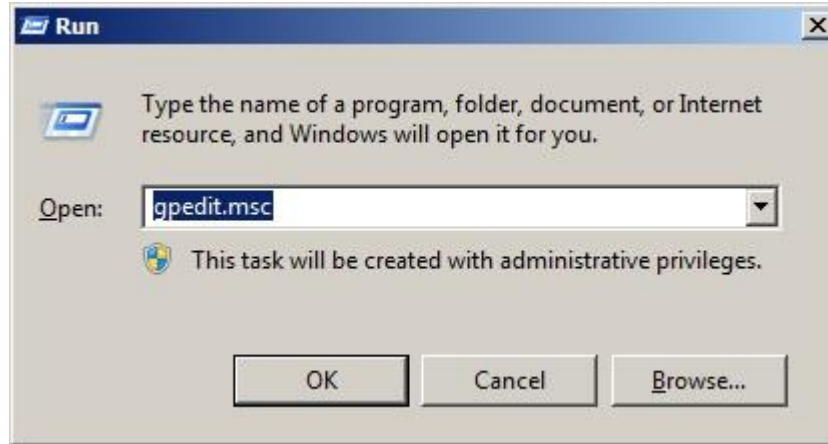
- iii. Click **Location** tab, choose **Current location** in drop down list then click **Apply** and **OK** to finish



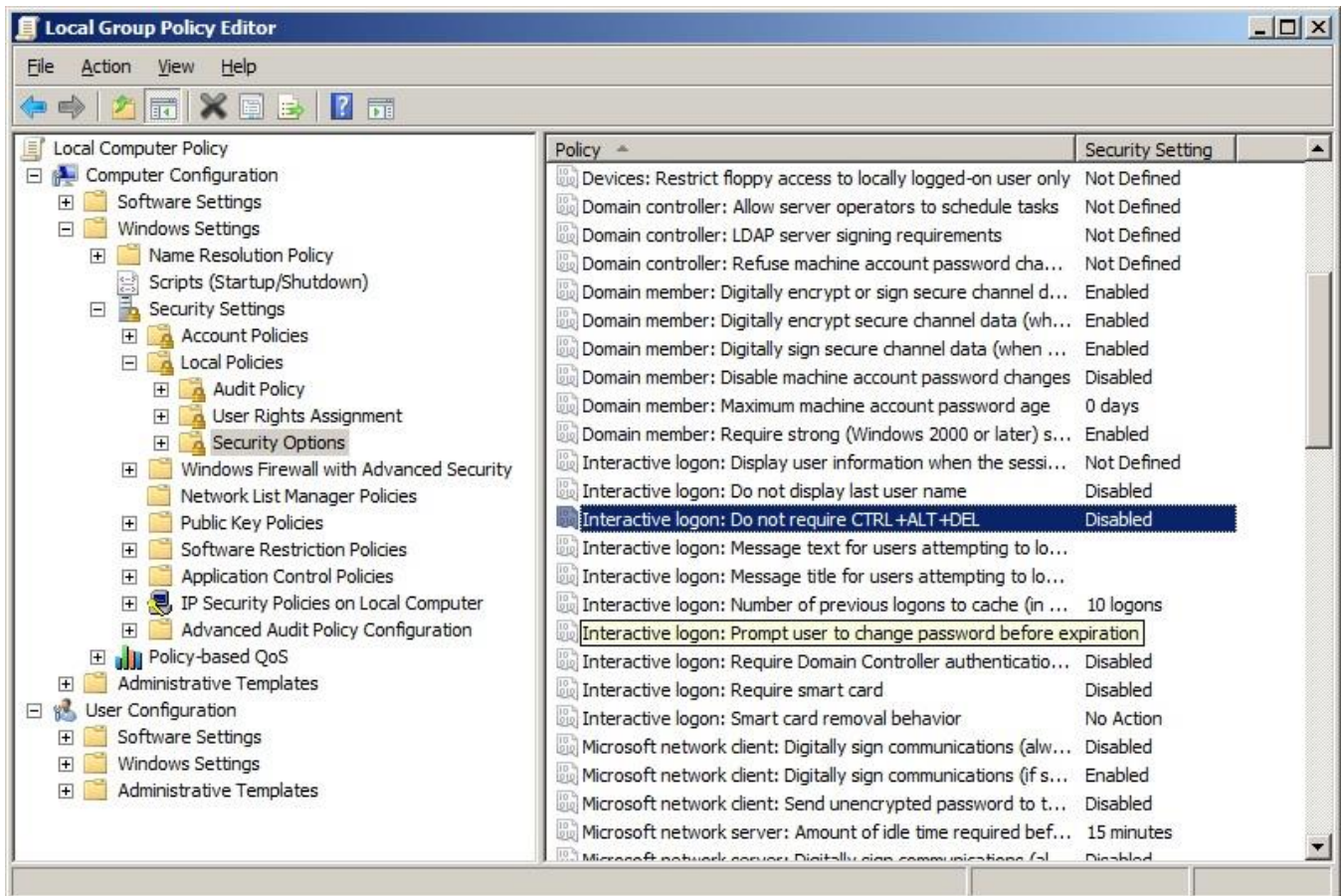
3.4 Disable CTRL+ALT+DEL

*** DO NOT DO THIS IN A PRODUCTION ENVIRONMENT

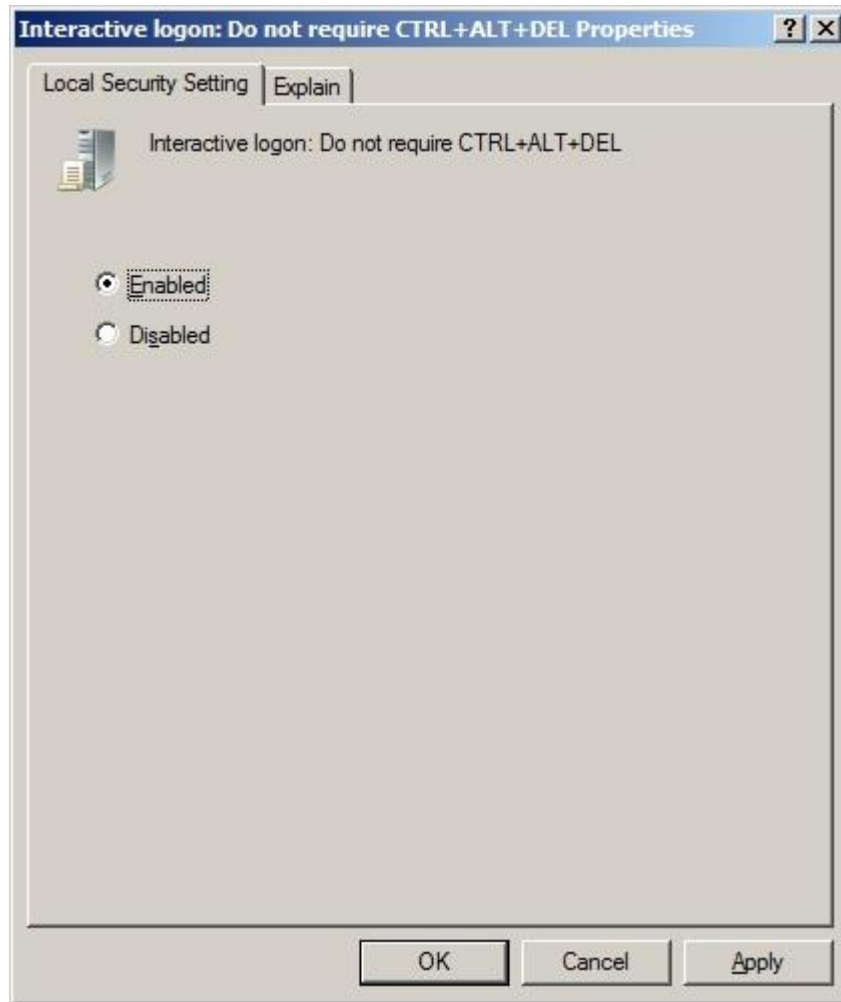
- i. In **Start** menu, click **Run** and type **gpedit.msc**



- ii. Expand **Computer Configuration > Window Settings > Security Settings > Local Policies** then select on **Security Options** and double click on **Do not require CTRL+ALT+DEL**

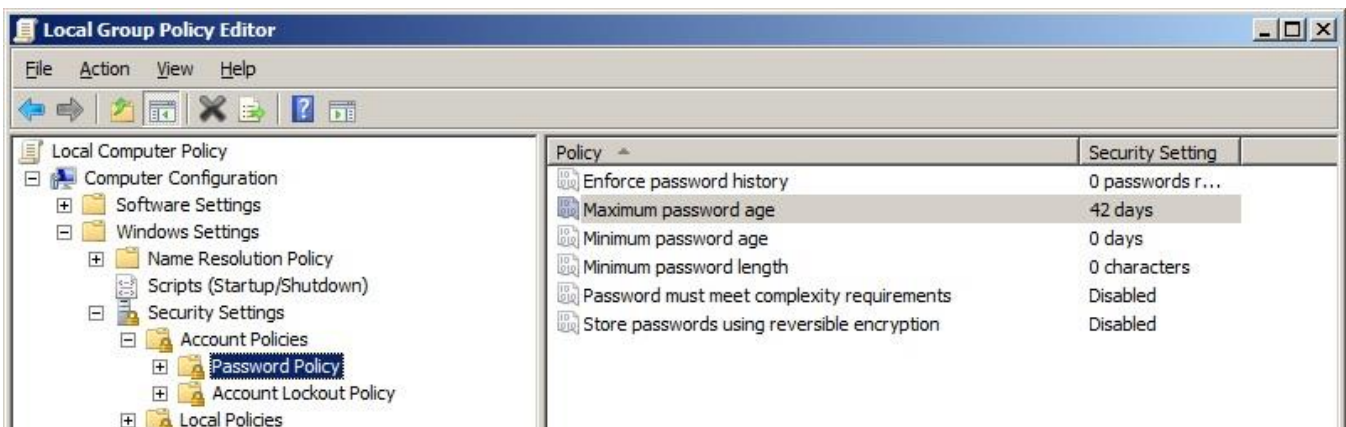


- iii. Choose **Enable** option then click **Apply** and **OK** to finish

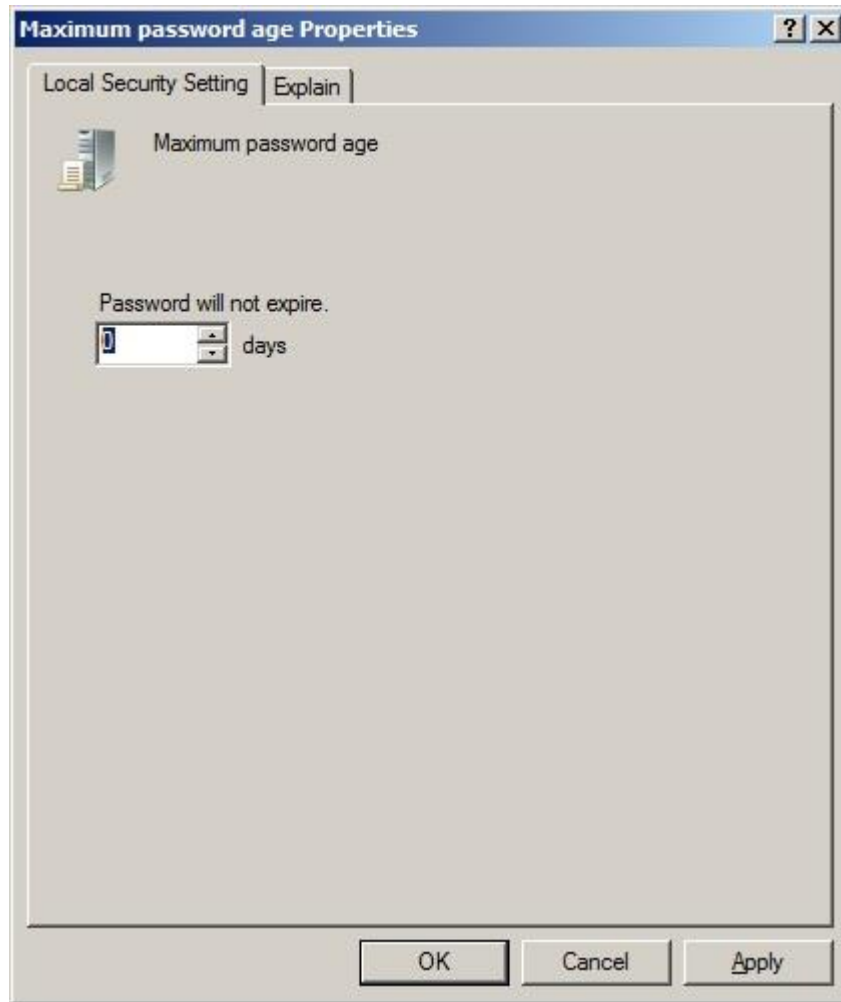


3.5 Setup Password Policy

- i. Expand Computer Configuration > Window Settings > Security Settings > Account Policies then select on **Password Policy** and double click on **Maximum password age**

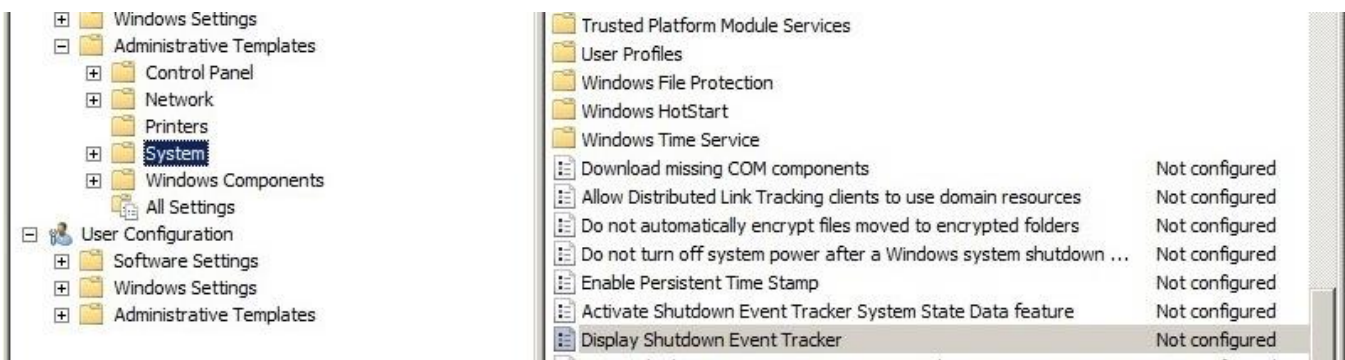


- ii. Modify default value from **42** to **0** then click **Apply** and **OK** to finish

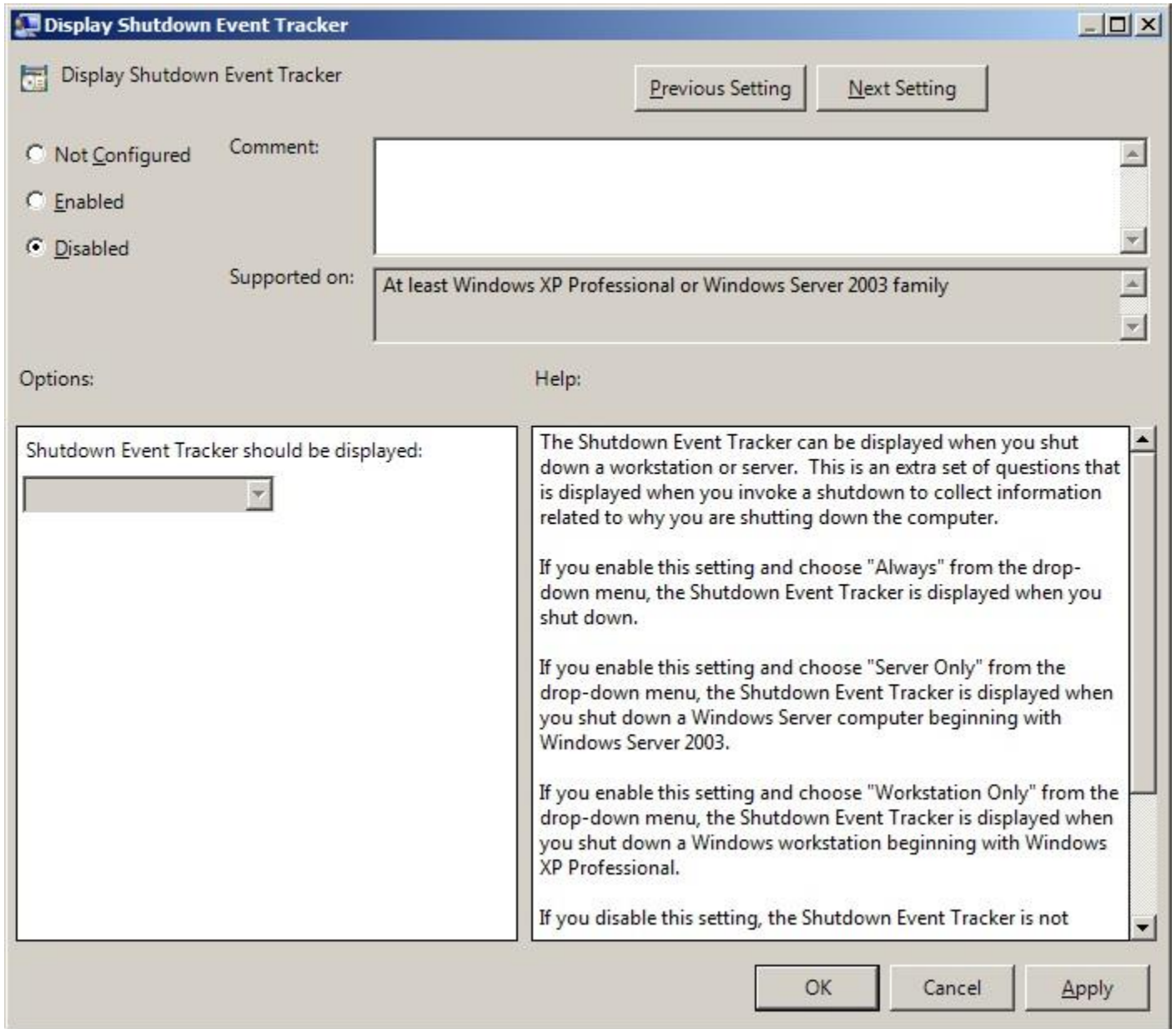


3.6 Disable Shutdown Event Tracker

- i. Expand Computer Configuration > Administrative Templates then select on **System** and double click on **Display Shutdown Event Track**

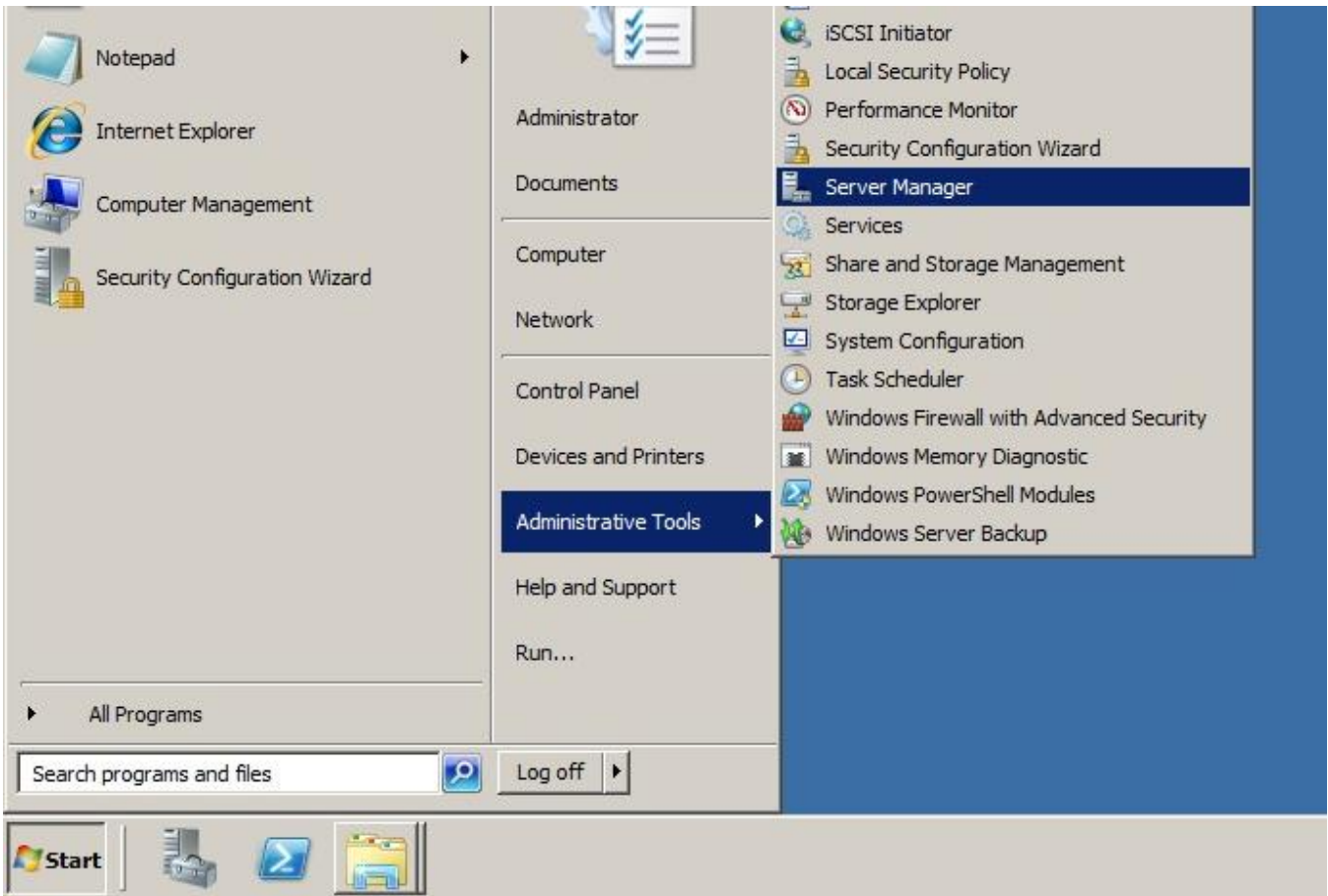


- ii. Select **Disabled** option then **Apply** and **OK** to finish

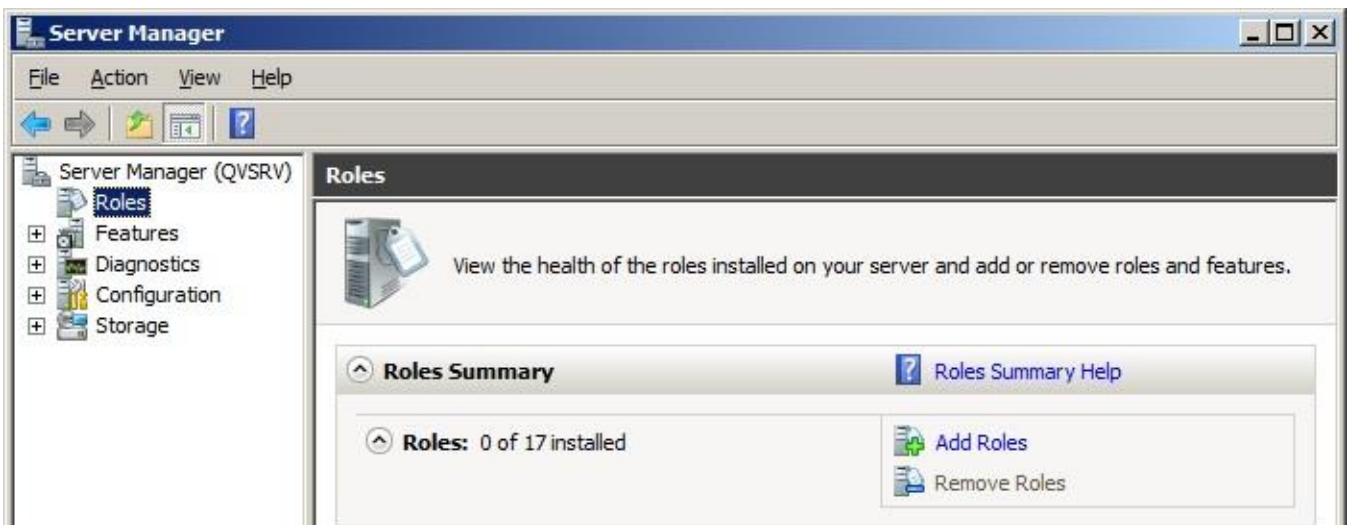


4. Install IIS

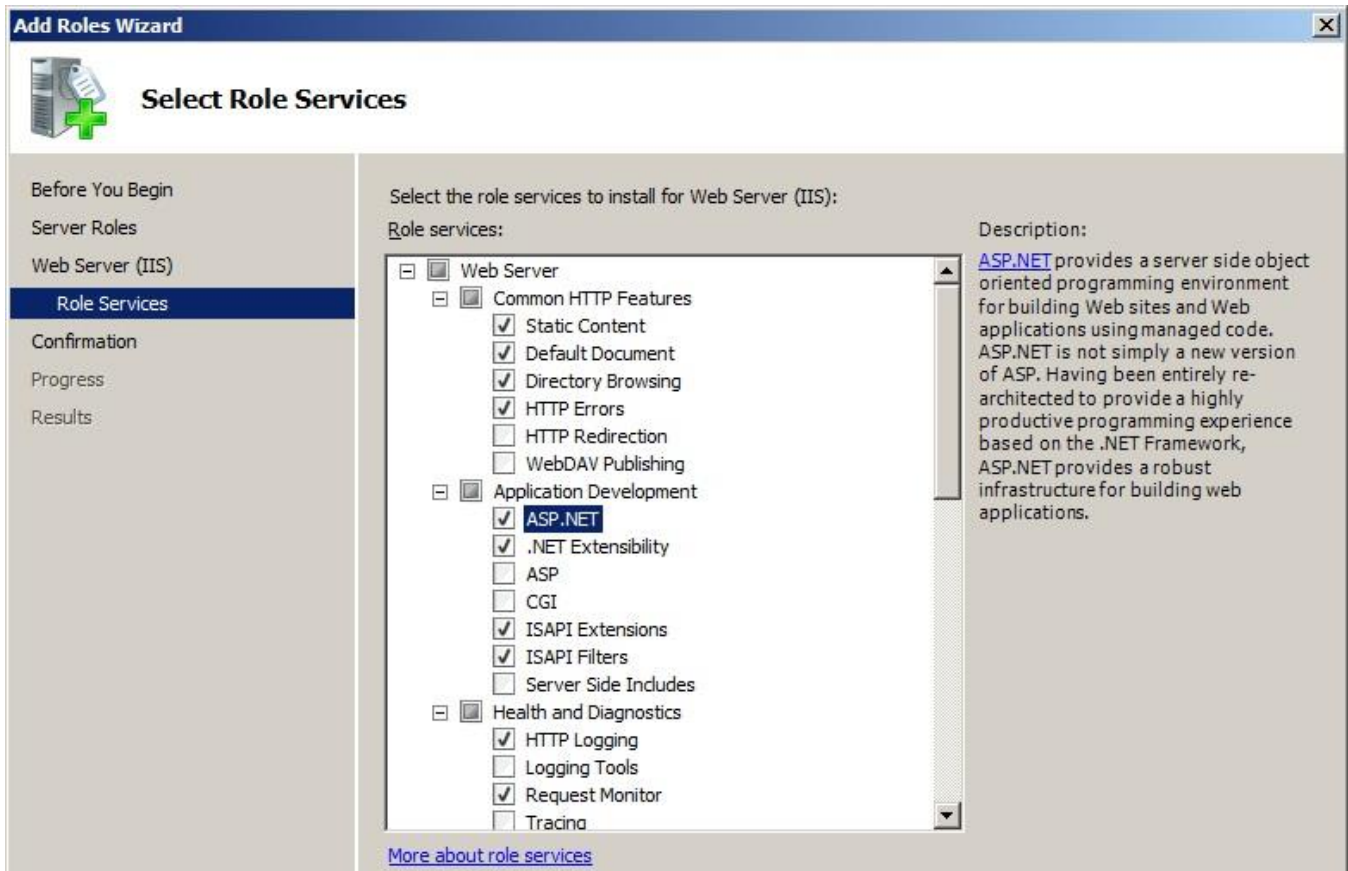
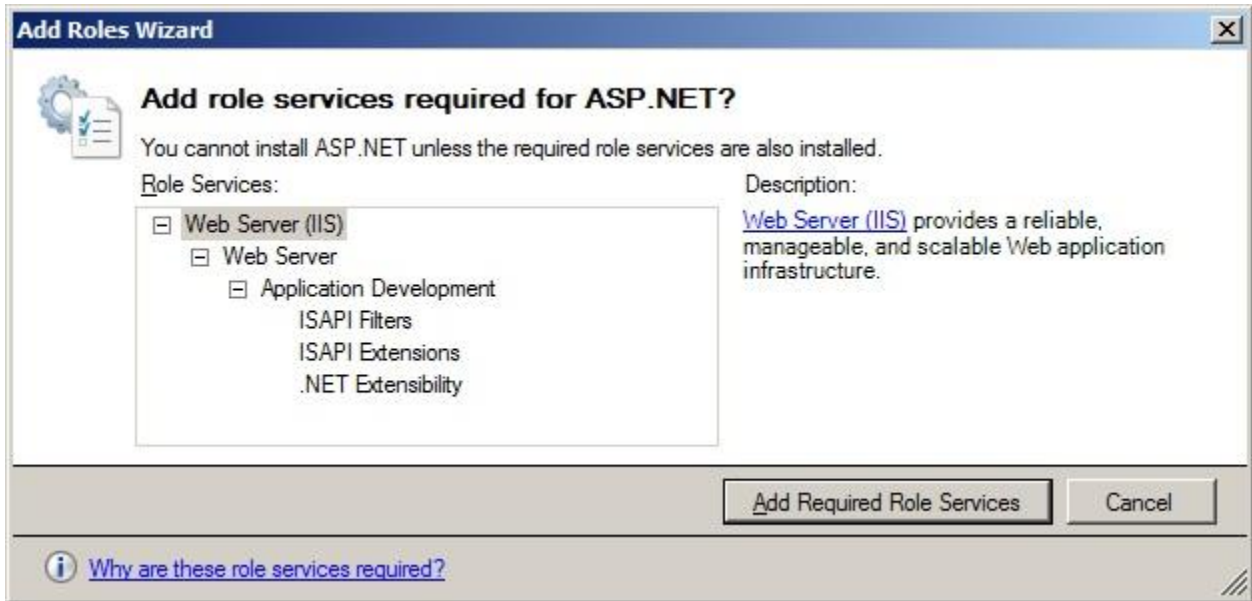
- a. In **Start** menu, click on **Administrative Tools > Server Manager**



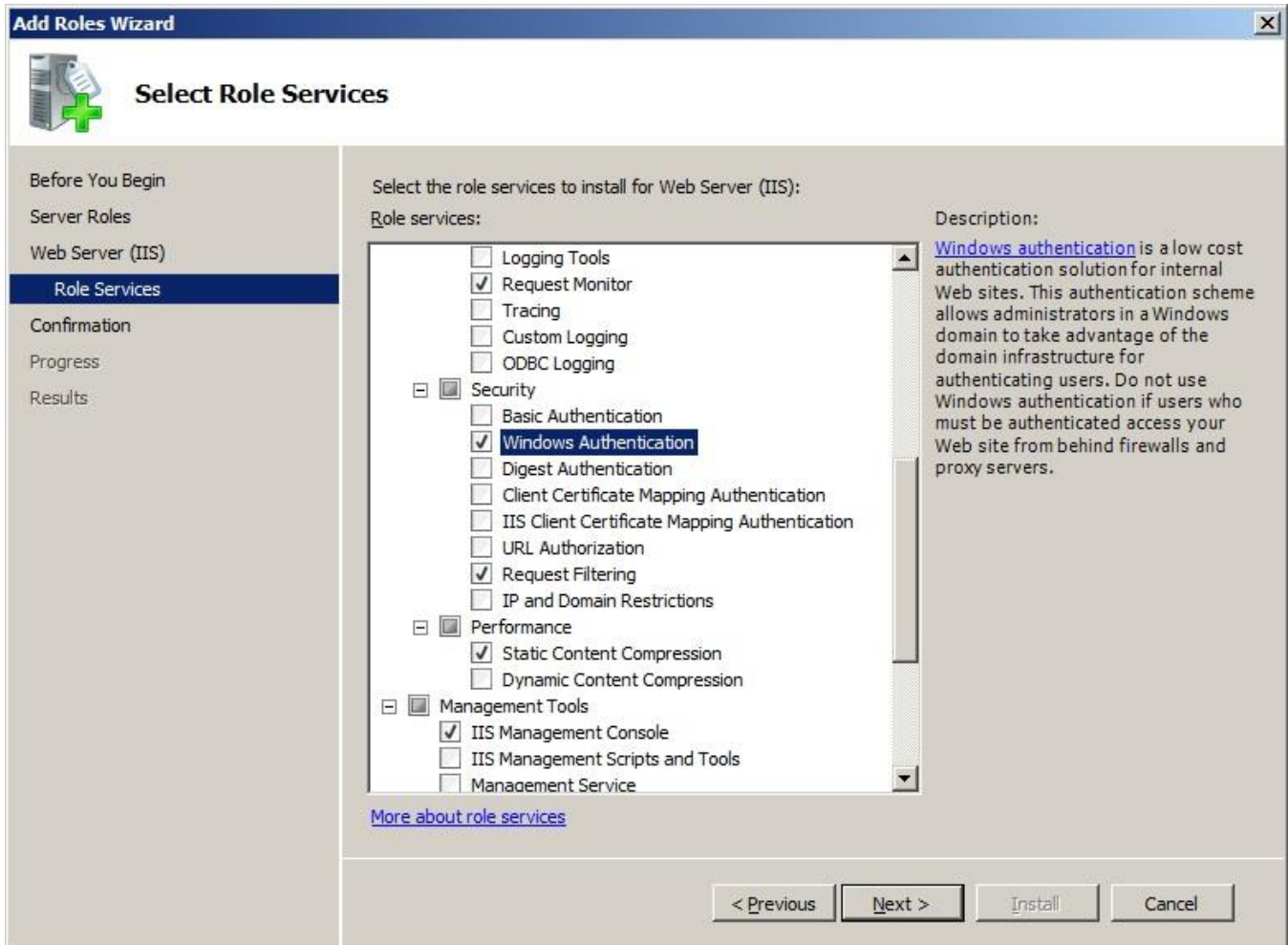
- b. Select **Roles** and click **Add Roles** then click on **Next**



- c. In Server Roles, check in **Web Server (IIS)** then click **Next > Next**
- d. In Application Development, check on **ASP.NET** then click on **Add Required Role Services**



- e. Scroll down and find **Security** then check on **Windows Authentication** and click **Next** then click **Install** and wait till finish to **Close**



- f. Confirm that the web server work by using <http://localhost>



5. Install Microsoft .NET Framework 4 or higher

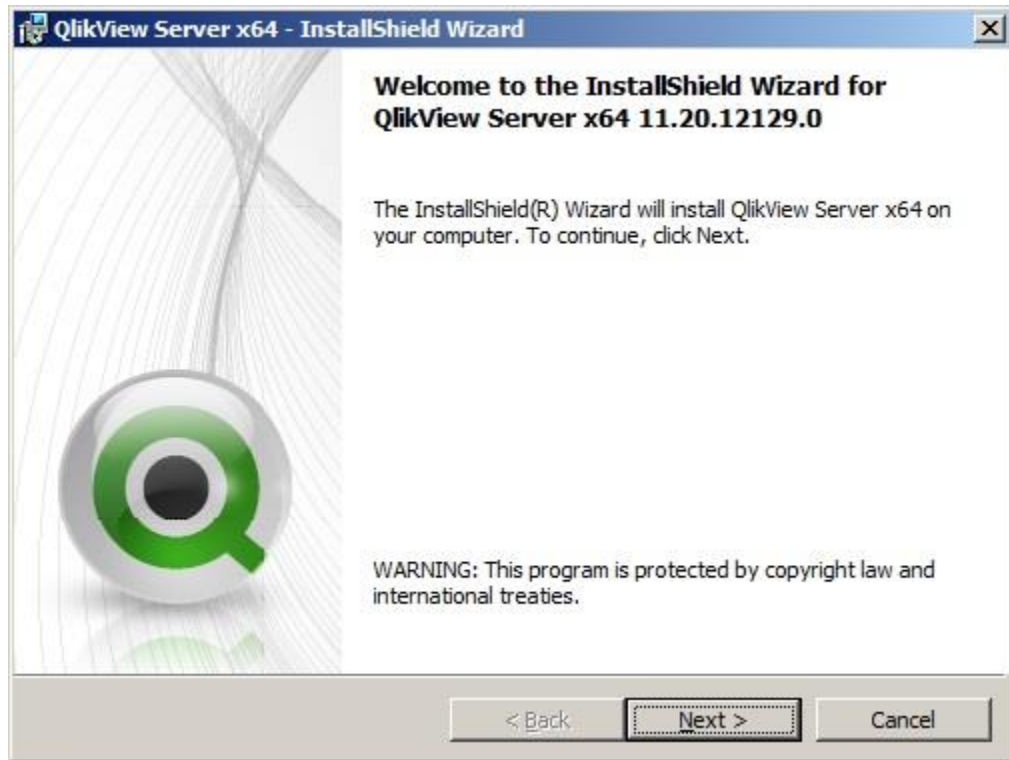
Double click on execute file and wait till finish



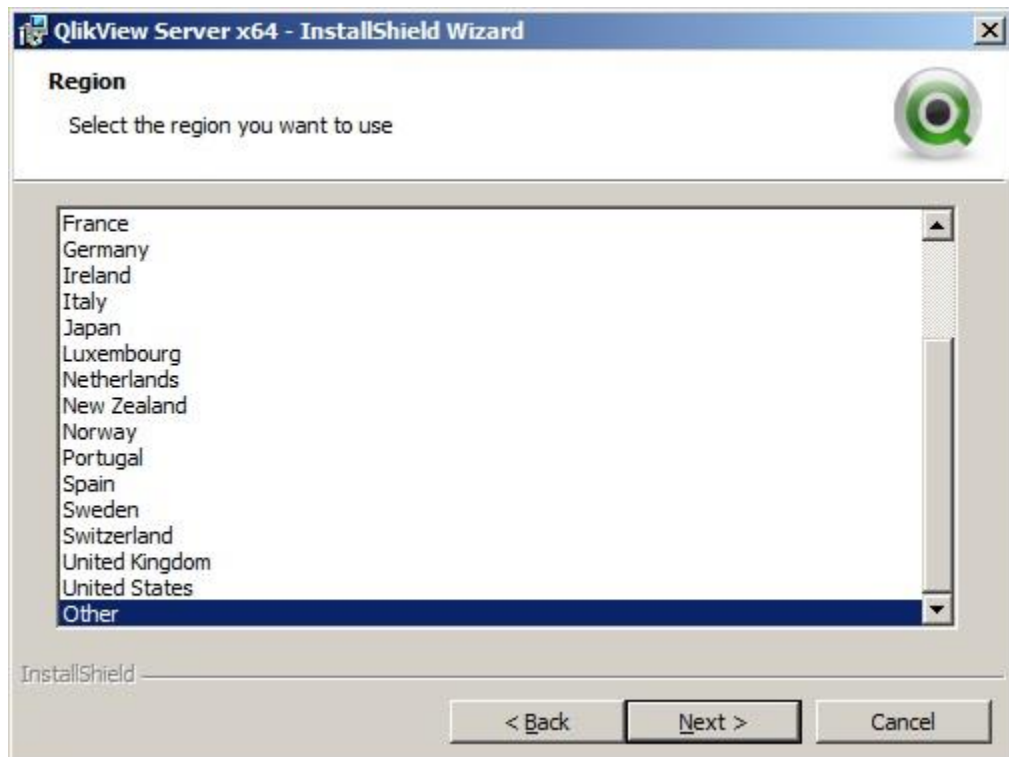
Restart server to complete the server settings and dot net installation

6. Install QlikView Server

- a. Double click on QlikView Server execute file then click **Next**



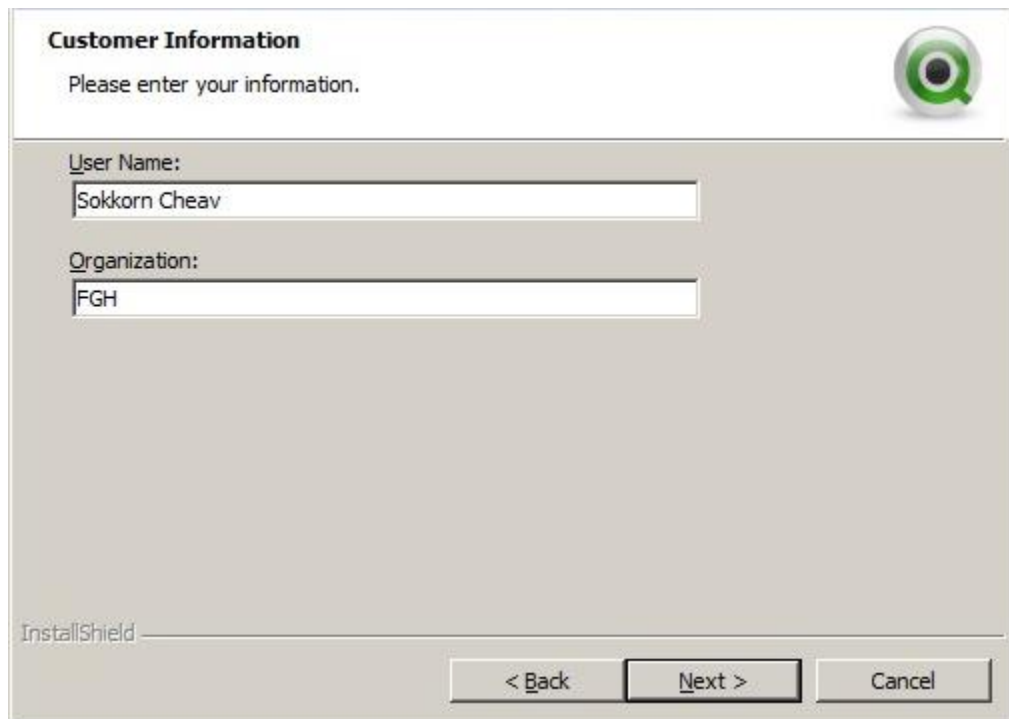
- b. Select **Region** then click **Next**



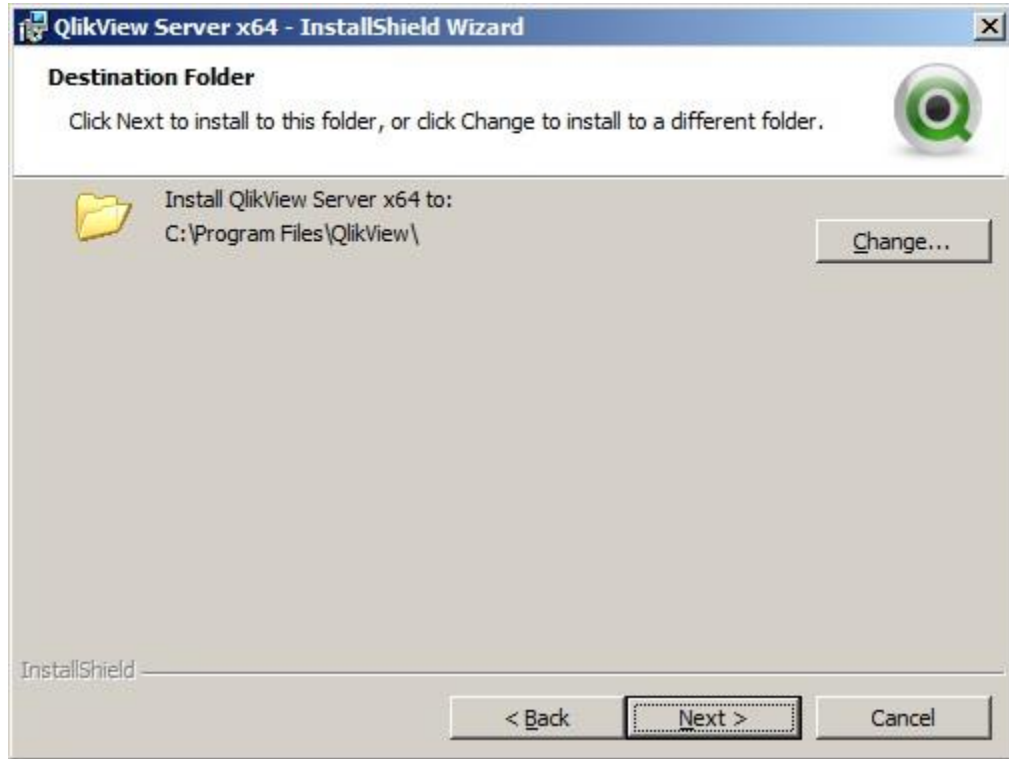
- c. Choose **I accept the terms in the license agreement** then click **Next**



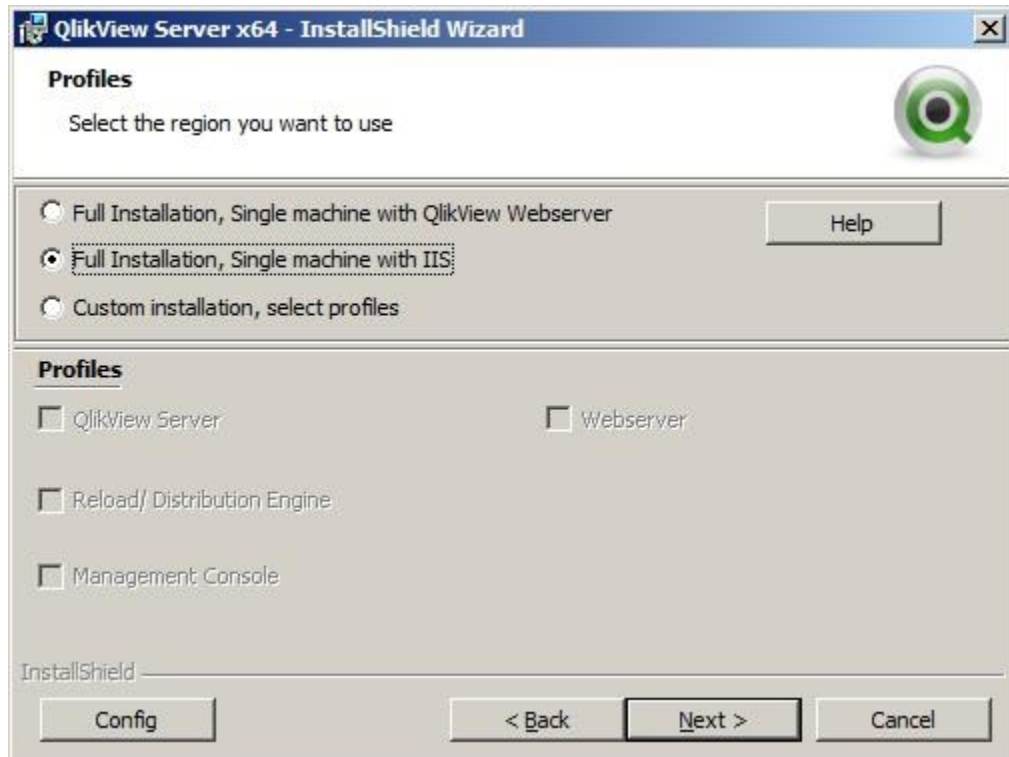
- d. Fill **User Name** and **Organization** then click **Next**



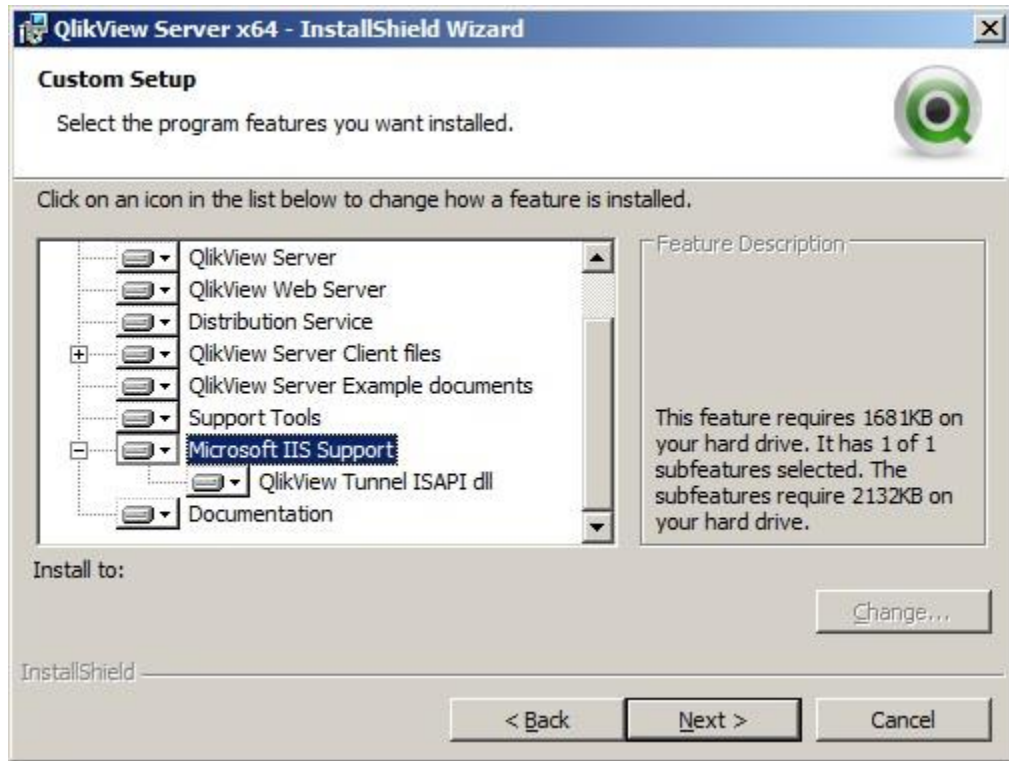
- e. Select **Destination Folder** then click **Next**



- f. Choose **Full Installation, Single machine with IIS** then click on **Config**



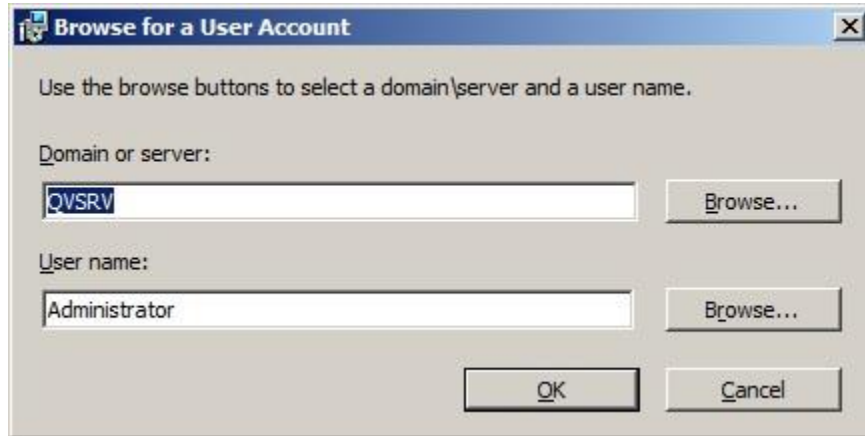
- g. Enable **Microsoft IIS Support** to add **QlikView Tunnel** feature then click **Next**



- h. Select **Default Web Site** then click **Next**



- i. Fill **Domain or server** and **User Name** then click **OK**



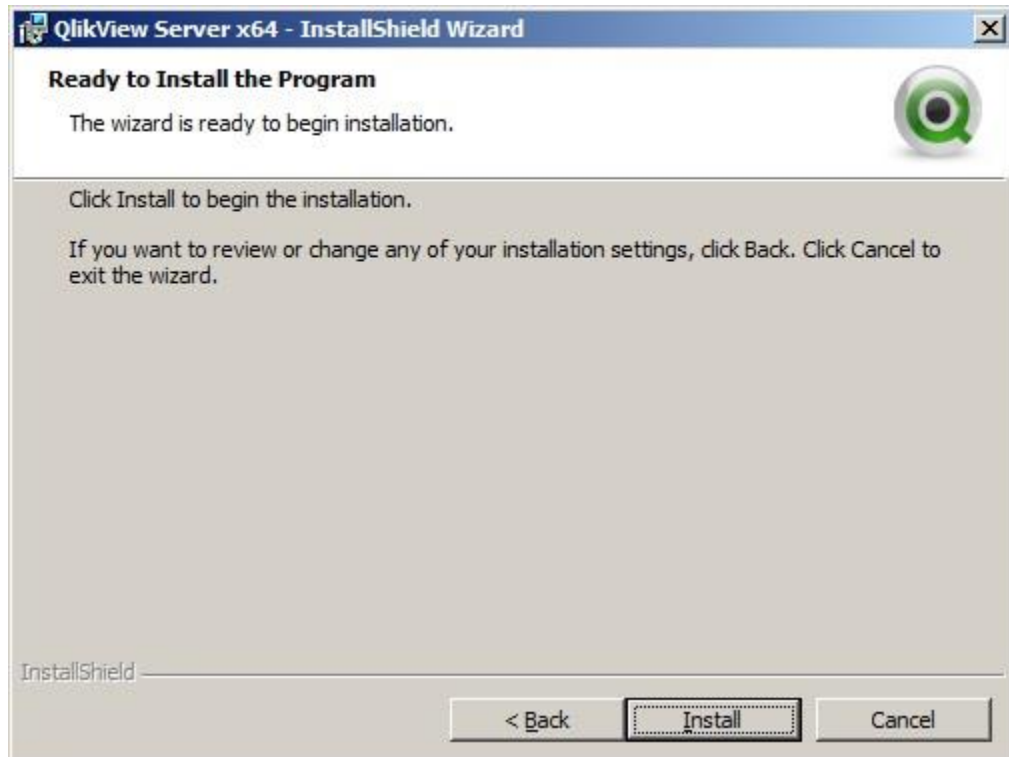
- j. Fill Logon information in **User name** and **Password** then click **Next**



- k. Choose Use **QlikView Administrators Group** then click **Next**



- l. Click on **Install** and wait till finish



- m. Click on **Finish** to complete installation



RESTART SERVER TO COMPLETE INSTALLATION PROCESS

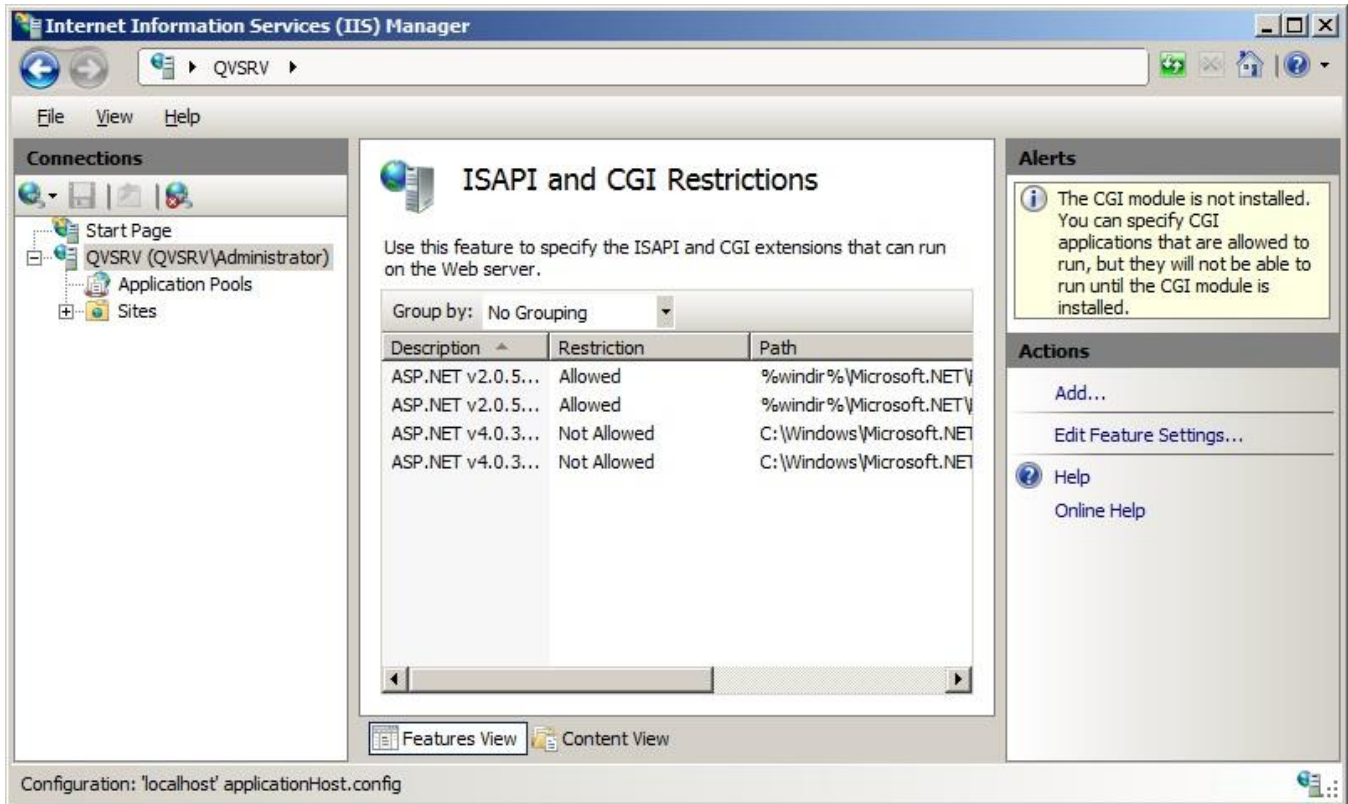
7. Configure IIS Tunneling for QlikView Server

Tunneling can be an important backup for QlikView Server communications; if port 4747 is blocked for any reason (on either the server or the client machine), tunneling over port 80 will be the only way your users can access their applications. Most people who have tried to implement tunneling with QlikView Server running on IIS have probably noticed a problem immediately: when you enter the URL to test tunneling (<http://localhost/scripts/qvstunnel.dll?test>) IIS does not use QVTunnel.dll to implement the tunneling protocol, but rather presents you with a prompt to download the DLL. Fortunately, there is a simple fix for this.

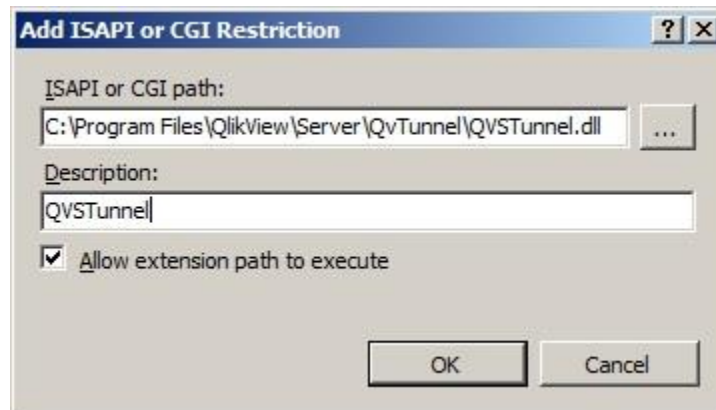
- a. In **Start** menu, click on **Administrative Tools > Internet Information Services (IIS) Manager** then select server name and double click on **ISAPI and CGI Restrictions**



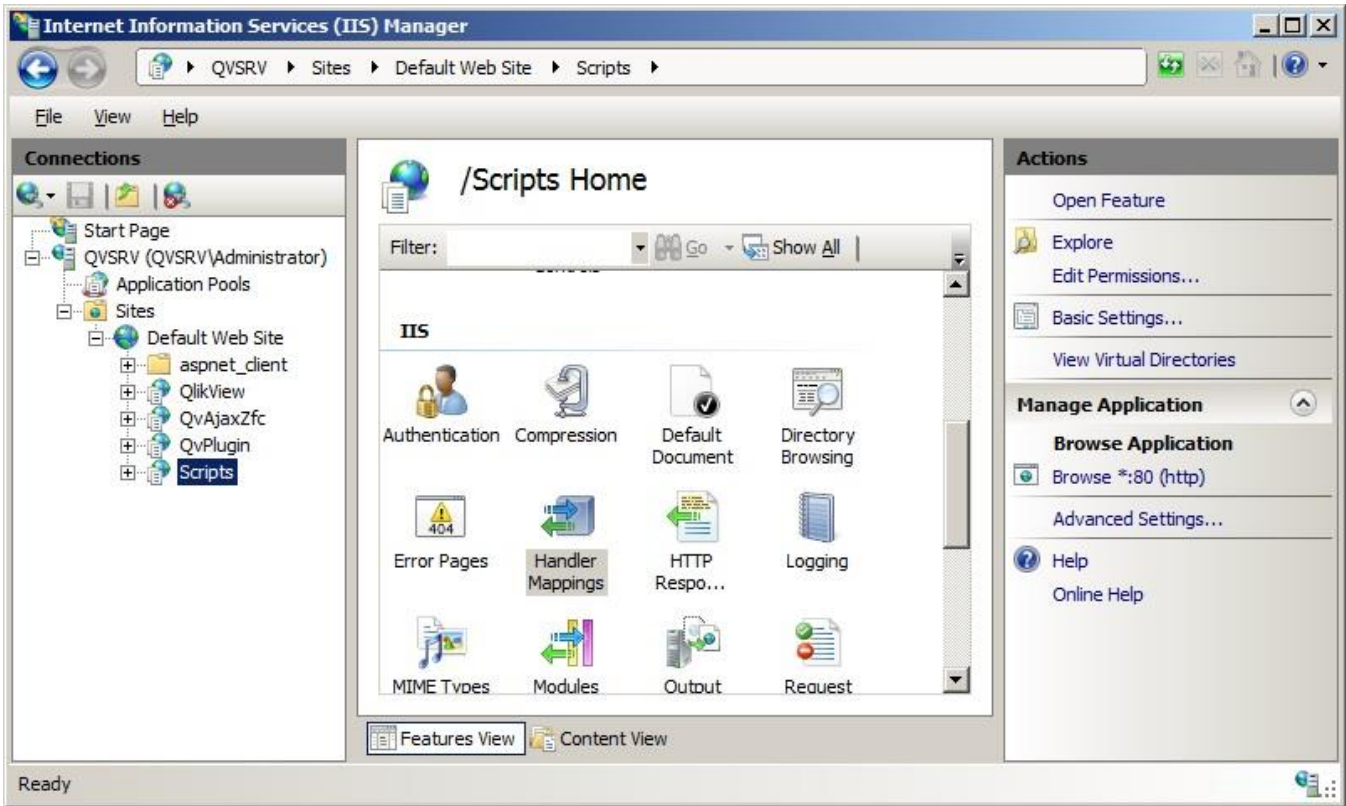
- b. Click on **Add...** in Action Panel



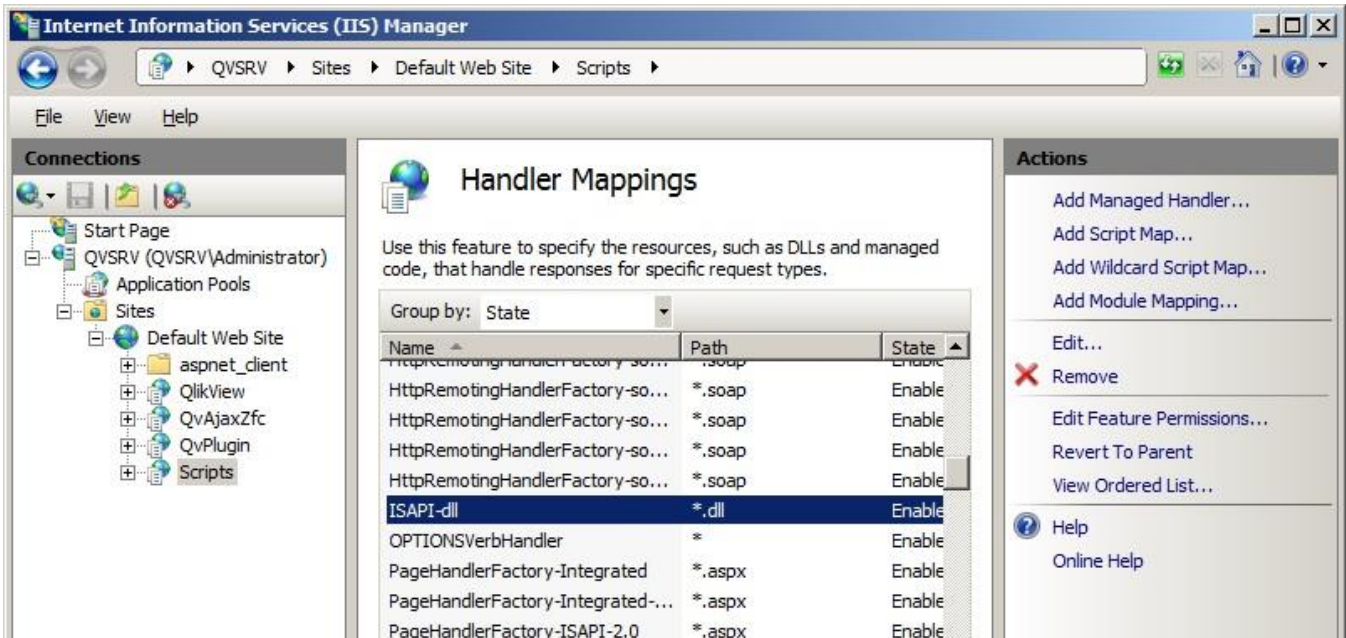
- c. Find **QVSTunnel.dll**, give **Description** and check **Allow extension path to execute** then click **OK**



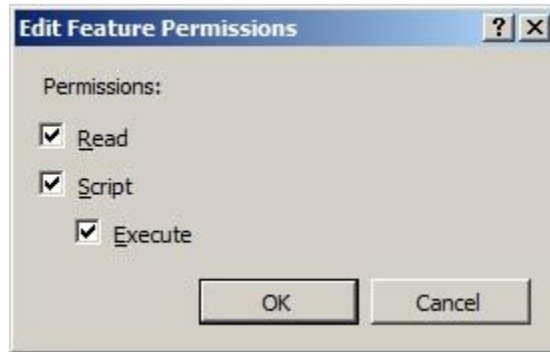
- d. Expand **QlikView Server > Sites > Default Web Site** then select on **Scripts** and double click on **Handler Mappings**



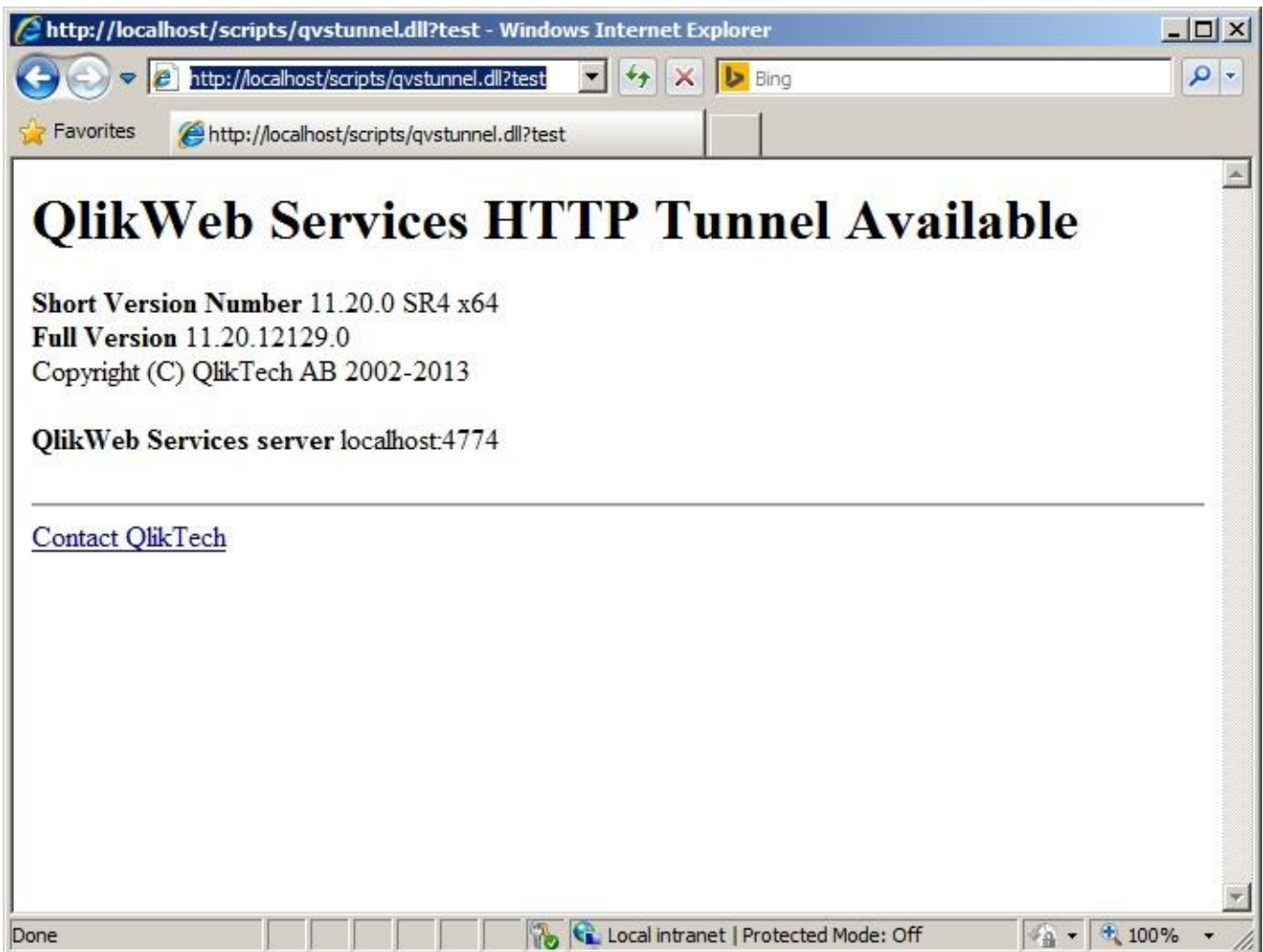
- e. Find **ISAPI-dll** then click **Edit Feature Permission...** in Actions panel



- f. Make sure all permission are checked

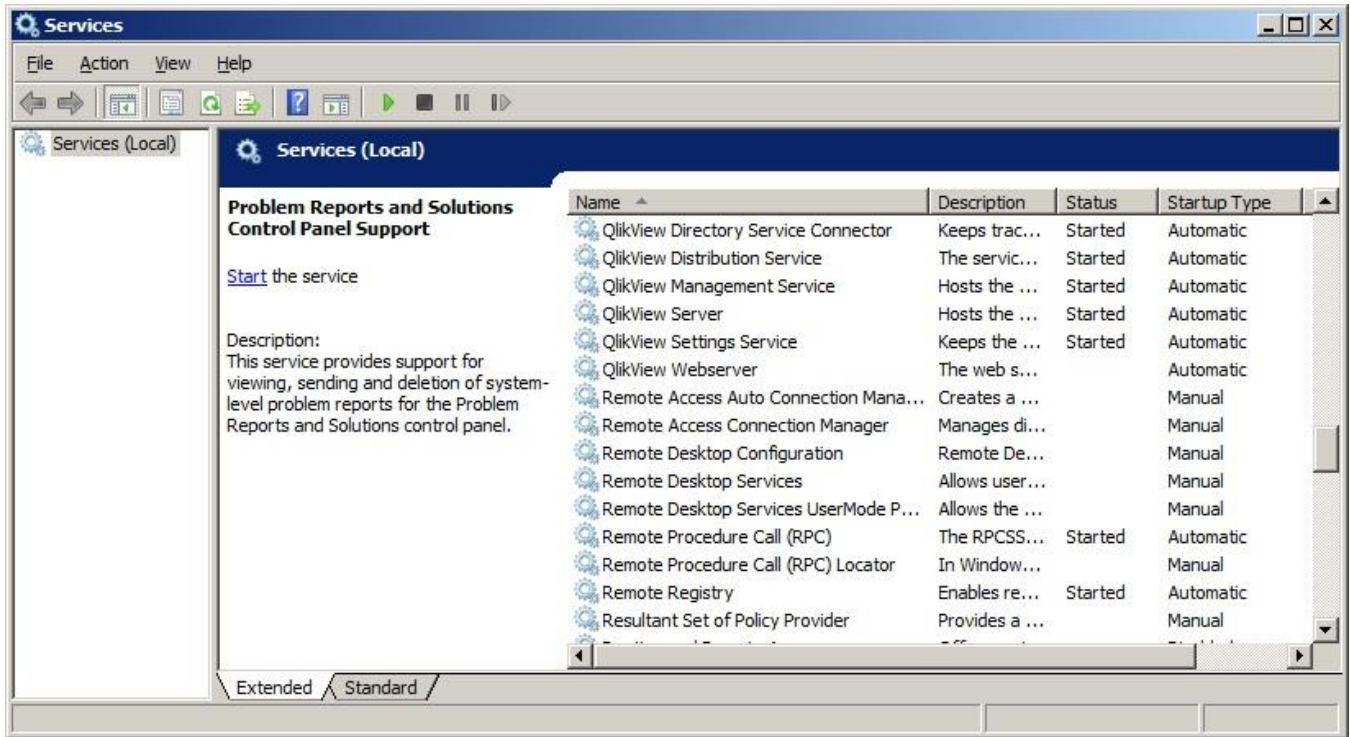


- g. Test QlikWeb Services HTTP Tunnel



8. Verify QlikView Server Installation

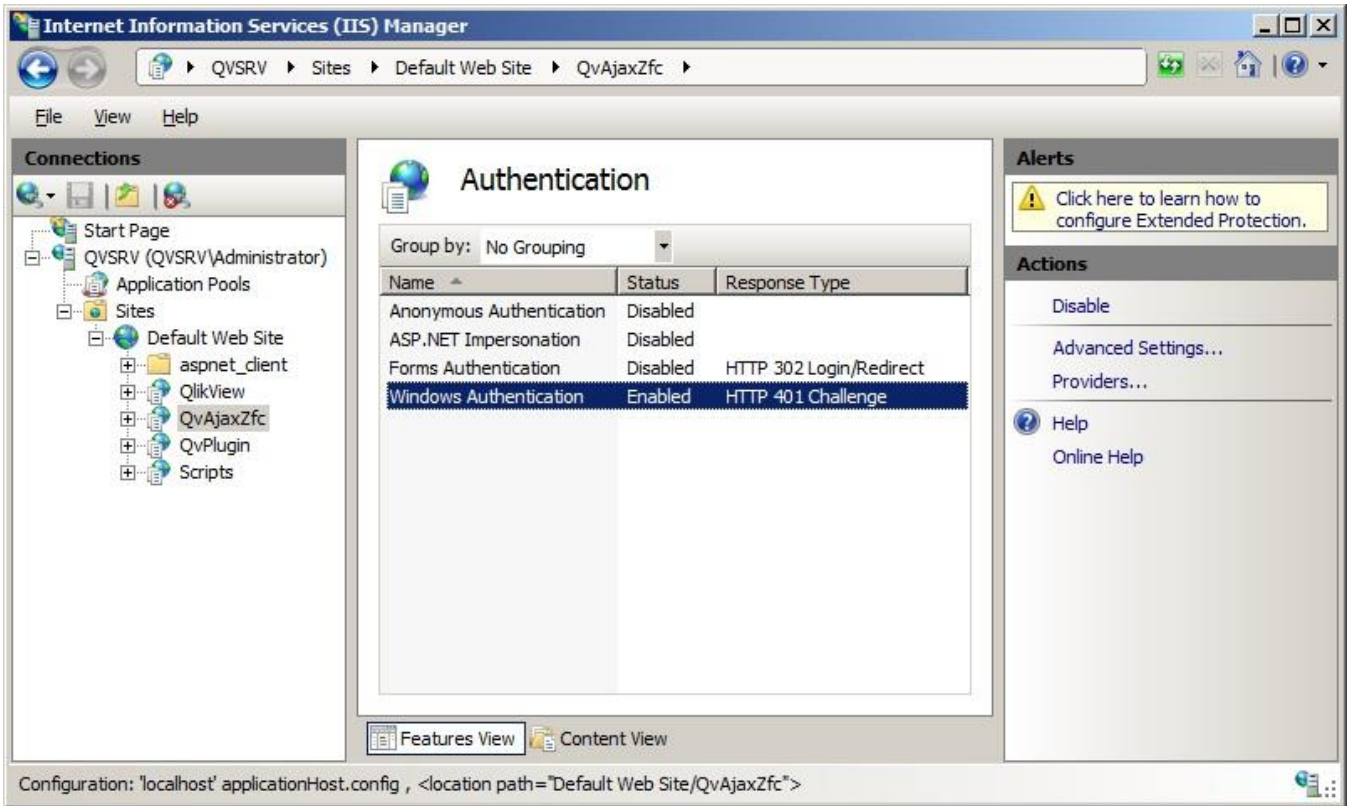
- a. In **Start** menu, click Run and type **services.msc** to check QlikView services up and running



- b. In **Start** menu, click on **Administrative Tools > Internet Information Services (IIS) Manager** then select **Application Pools** and make sure **QlikView IIS** is available and using .net v4.0

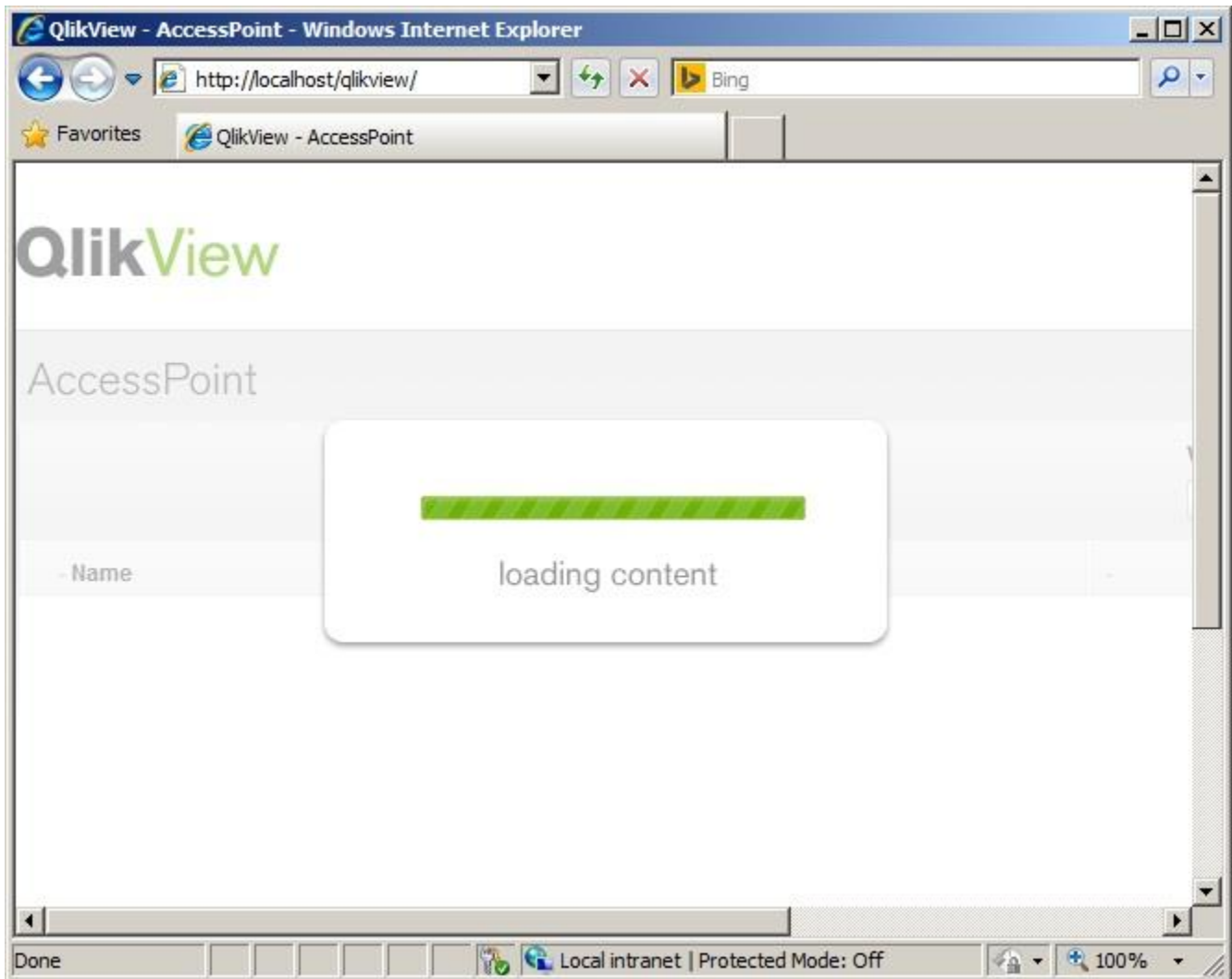


- c. Expand **Sites > Default Web Site** then select on **QvAjaxZfc** and it should be have **Window Authentication** enable



9. QlikView Access Point

- a. Open Internet Explorer and type URL <http://localhost/qlikview>

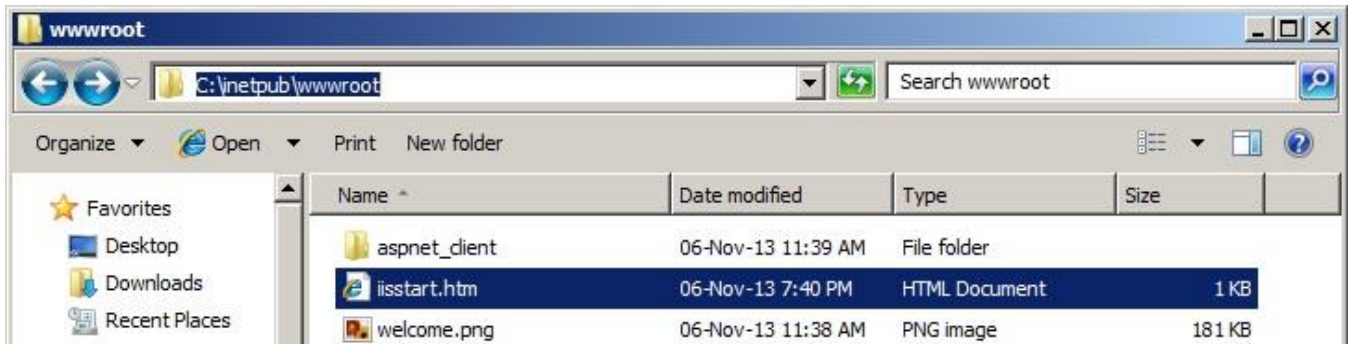


Sometimes one common error is that you will see loading content box but nothing will be shown like this on your access point. There are a couple of things that will cause this "Loading Content". The first thing to check is to make sure that the QlikView IIS application pool is set for .net v4.0. If not, set it and try again. If that doesn't work then run this command `C:\Windows\Microsoft.NET\Framework64\v4.0.30319\aspnet_regiis.exe -i` and go back and check. What happens here is that the framework was installed before IIS was. This command will install the framework components for IIS.

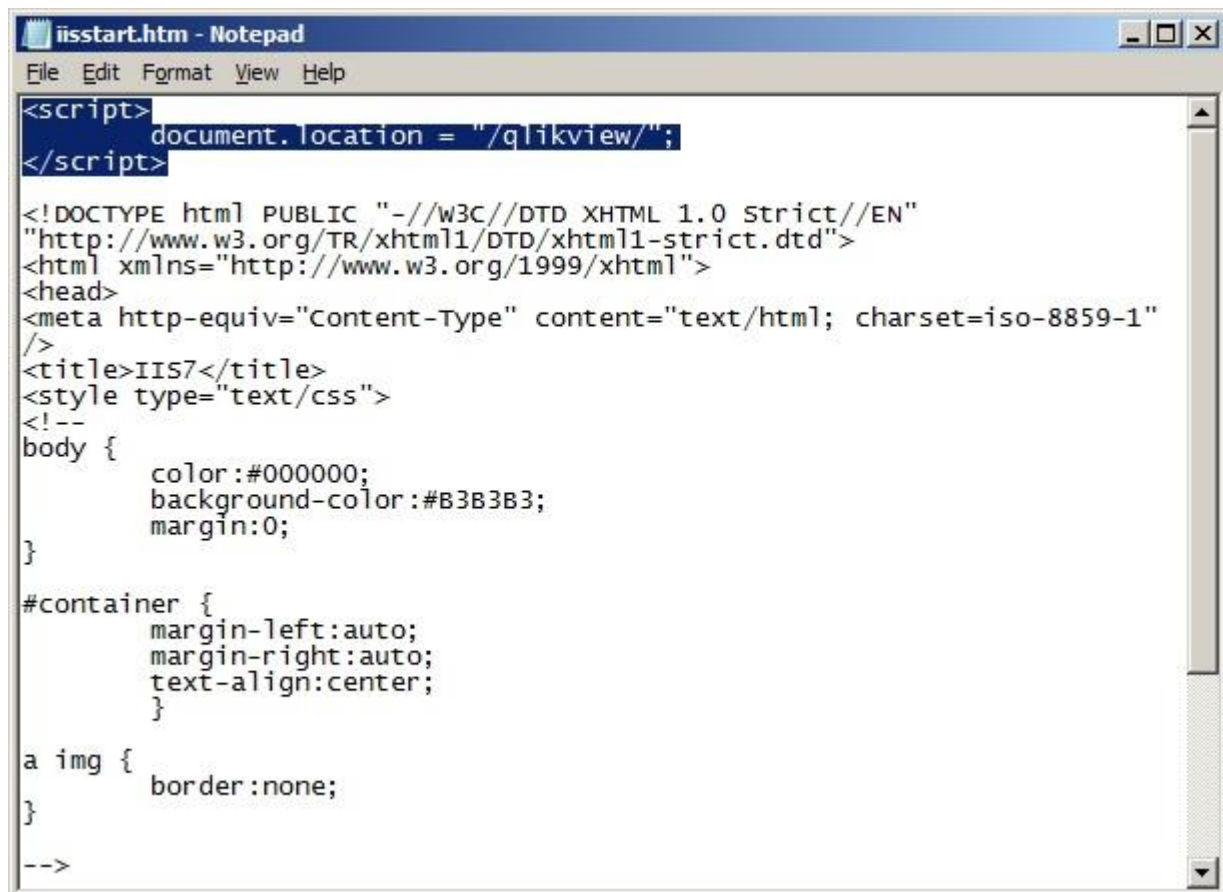
10. Configure Access Point Using Friendly URL (Optional)

The main purpose of this configuration is to use short URL (by omit /qlikview). Before this configuration, we need to use <http://localhost/qlikview> to access QlikView report. After this configuration we use short URL with <http://localhost>. Here we go:

- a. Go to **C:\inetpub\wwwroot**



- b. Edit file **iisstart.htm** by add script in highlight below then try to access QlikView report again

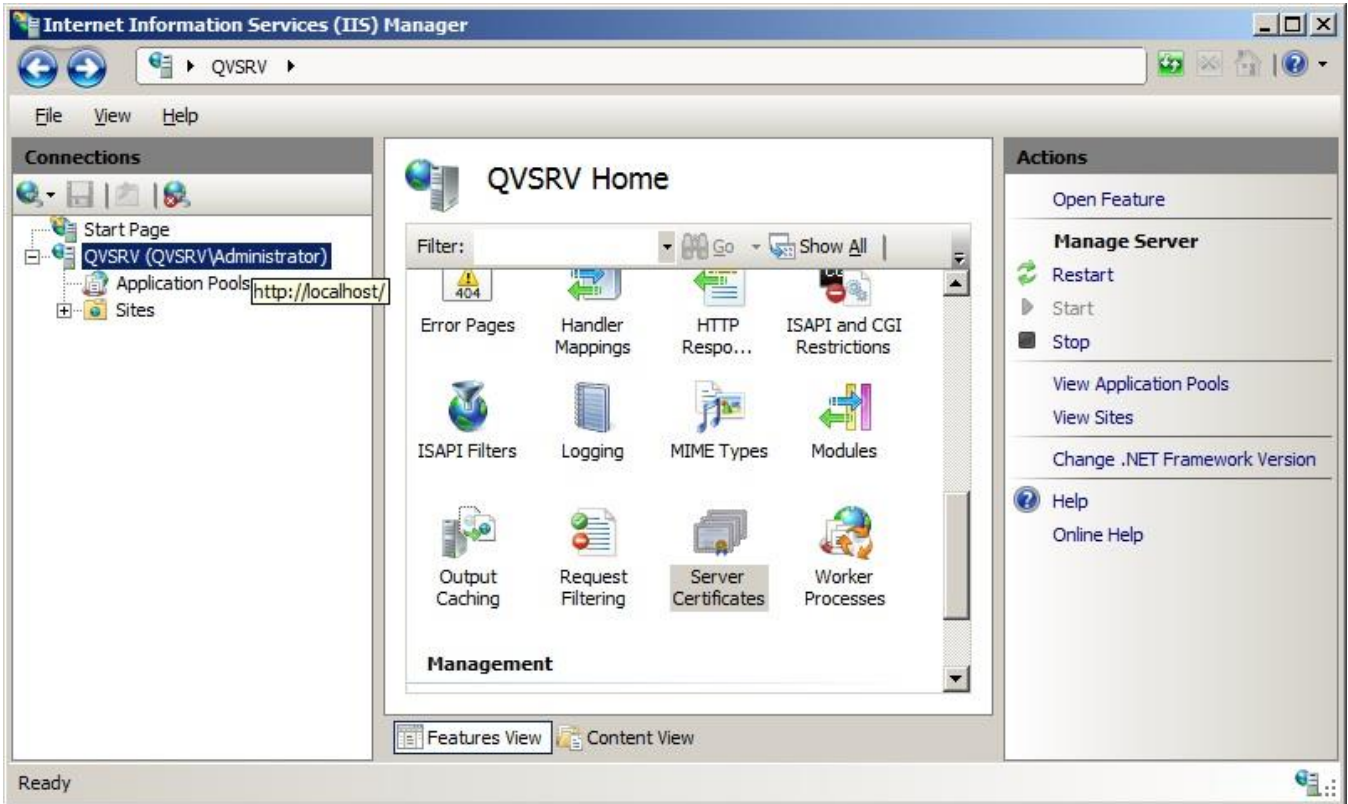
A screenshot of a Notepad window titled "iisstart.htm - Notepad". The menu bar shows "File", "Edit", "Format", "View", and "Help". The text content is as follows:

```
<script>  
    document.location = "/qlikview/";  
</script>  
  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head>  
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"  
/>  
<title>IIS7</title>  
<style type="text/css">  
<!--  
body {  
    color:#000000;  
    background-color:#B3B3B3;  
    margin:0;  
}  
  
#container {  
    margin-left:auto;  
    margin-right:auto;  
    text-align:center;  
}  
  
a img {  
    border:none;  
}  
  
-->
```

11. Configure IIS for HTTPS (Optional)

11.1 Create Self-Signed Certificate

- i. In **Start** menu, click on **Administrative Tools > Internet Information Services (IIS) Manager** then select server name and double click on **Server Certificated**



- ii. Click on **Create Self-Signed Certificate...** in Actions panel

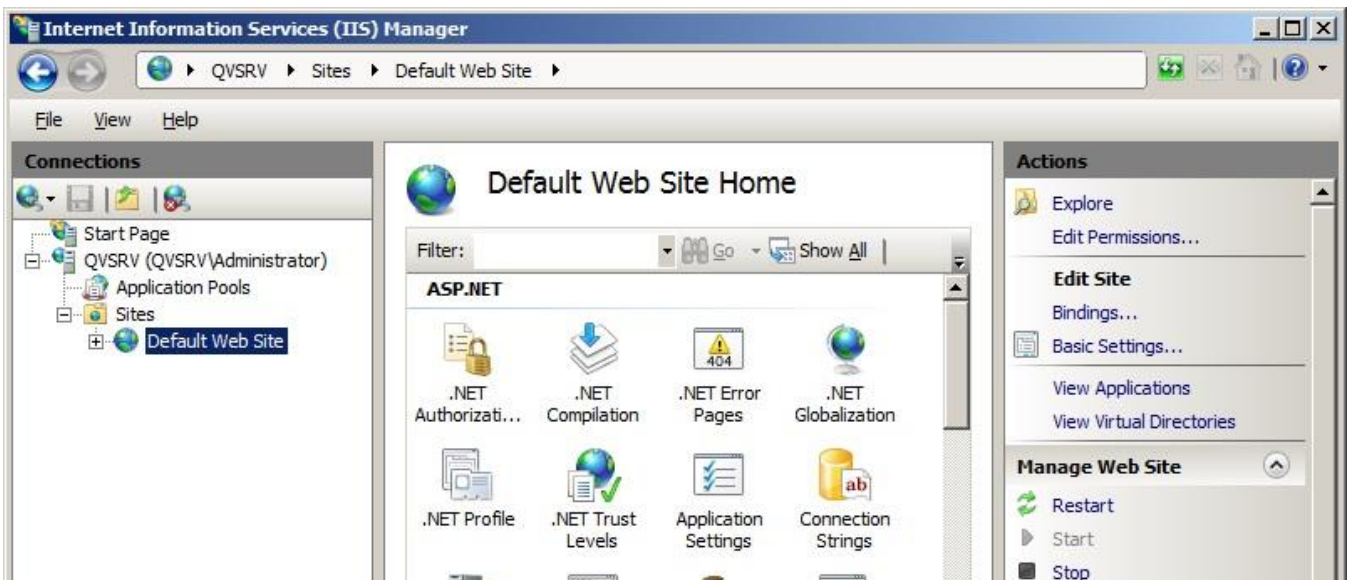


- iii. Fill certificate name then click **OK**

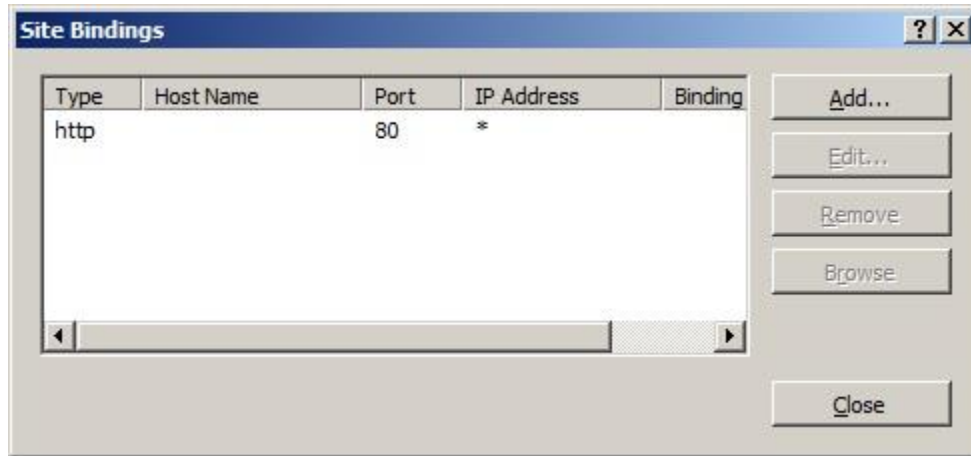


11.2 Bind Self-Signed Certificate

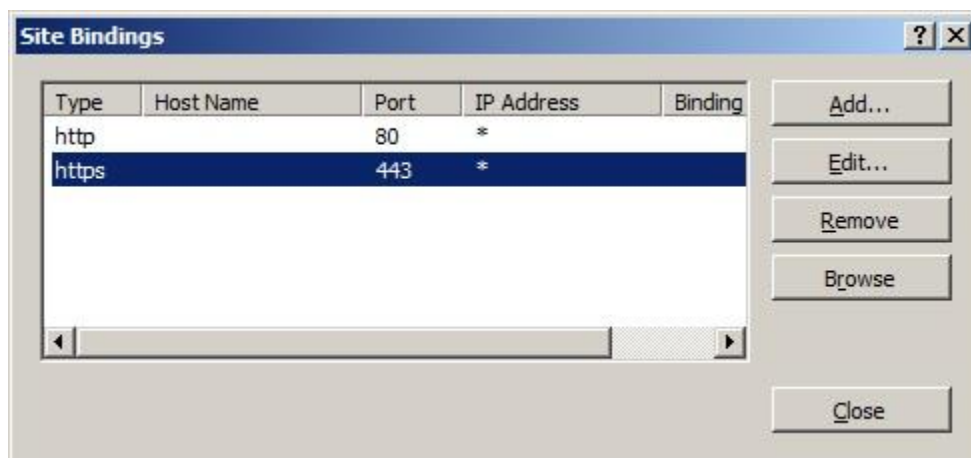
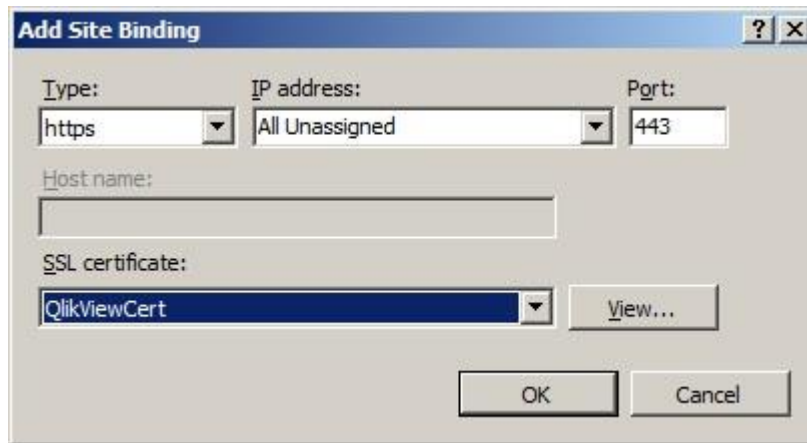
- i. Expand **Sites** then select on **Default Web Site** and click on **Bindings...**



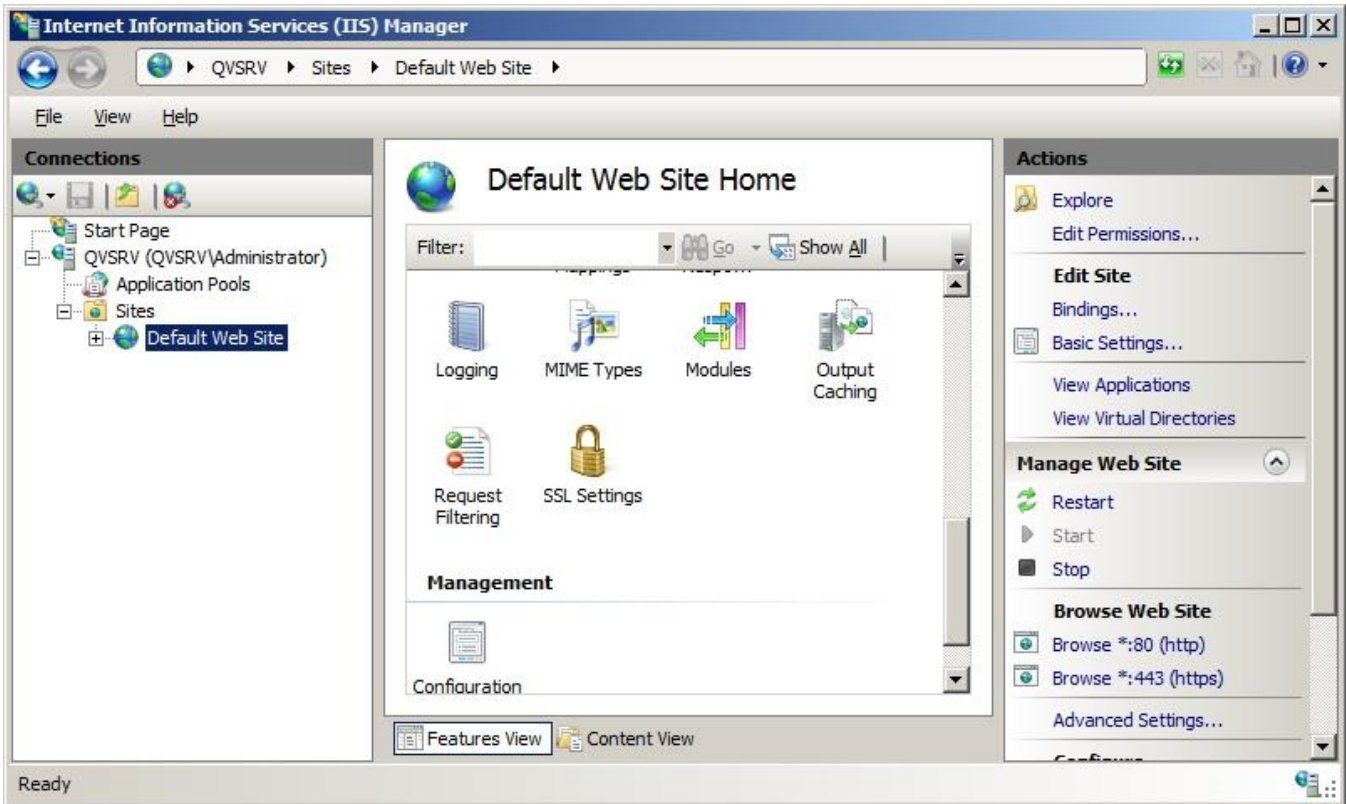
- ii. Click **Add...**



- iii. Select **QlikViewCert** in SSL certificate then click **OK** and **Close**



- iv. Select on **Default Web Site** then double click on **SSL Settings**



- v. Check on **Require SSL**



Internet Explorer (IE) 7 and above will display an error page because the self-signed certificate was issued by your computer, not by a trusted Certificate Authority (CA). IE 7 and above will trust the certificate if you add it to the list of Trusted Root Certification Authorities in the certificates store on the local computer, or in Group Policy for the domain. Click Continue to this website (not recommended).