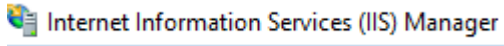
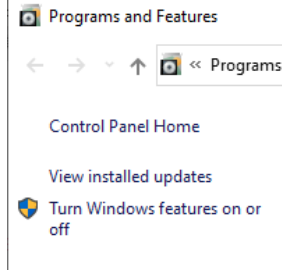
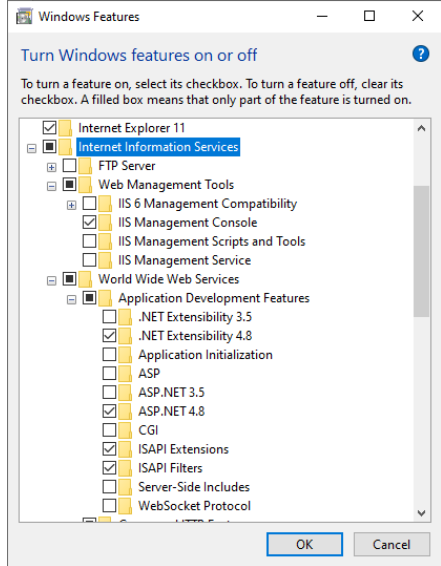
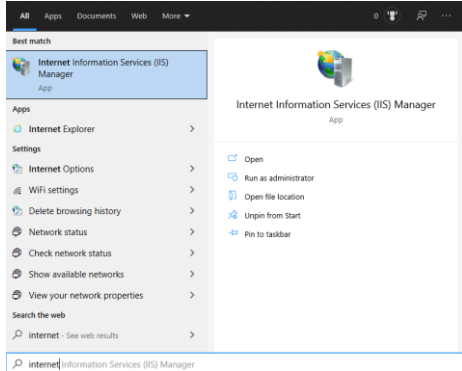
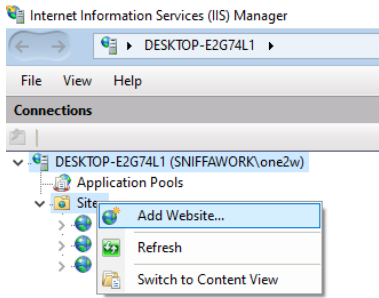
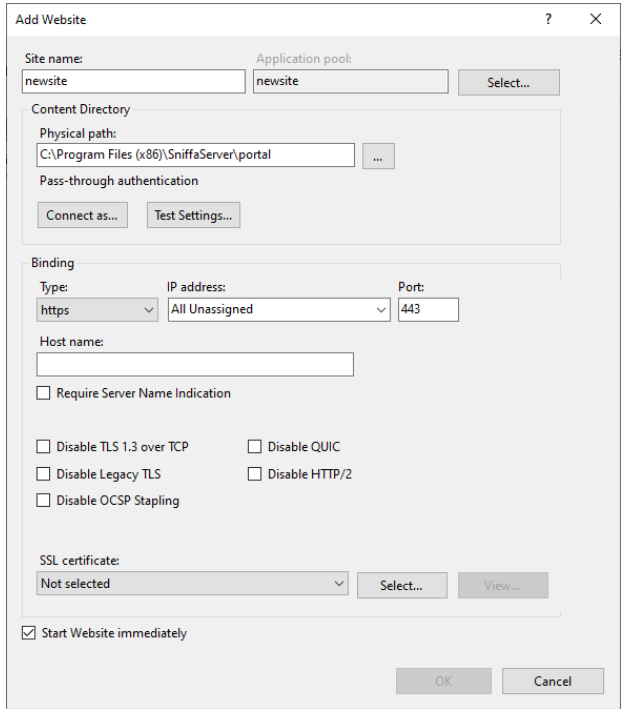


Sniffa Runbook

Adding the Web Portal Application to Internet Information Services (IIS)

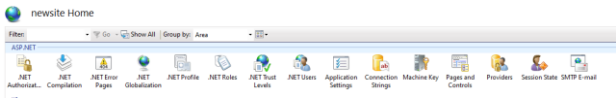

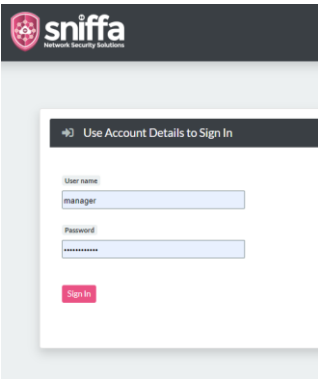
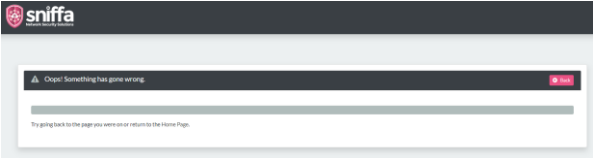
Serial	Instruction
	<p>Overview</p> <p>The Sniffa Sensor Manager Web Portal Application is an intuitive graphical user interface for analysing network traffic metadata and viewing Snort™ and/or Zeek™ Alerts.</p> <p>The Web Portal is designed to allow users controlled access to the data stored in the Sensor Manager Application Database.</p> <p>The Web Portal Application is an ASP.NET application, developed to be installed and run on a Microsoft™ Windows Internet Information Services (IIS) Server.</p> <p>This runbook includes the tasks to be completed, to add the Web Portal Application to an IIS Server running on a Microsoft™ Windows host.</p>
1.	<p>Add Windows™ IIS to your version of Windows.</p> 
2.	<p>Open Windows™ Explorer and go to 'Control Panel\Programs\Programs and Features'.</p> <p>Select 'Turn Windows features on or off'.</p> 
3.	<p>Check 'Internet Information Services'. Check 'Web Management Tools'. Check 'World Wide Web Services'. Check 'Application Development Features'. Check 'ASP.NET 4.8' or above.</p> <p>Click on the button marked 'OK' to save.</p> 

Sniffa Runbook Adding the Web Portal Application to Internet Information Services (IIS)

<p>4.</p>	<p>Start IIS from the Windows™ Start Icon.</p>	
<p>5.</p>	<p>Right click on the 'Site' tree menu item and click on 'Add Website'.</p>	
<p>6.</p>	<p>Add Site name. Add Physical path.</p> <p><i>Note:</i> <i>Default physical path is shown.</i></p> <p>Set up Binding (http or https) and Port.</p> <p>Add Certificate.</p> <p>Click on the button marked 'OK' to save.</p>	

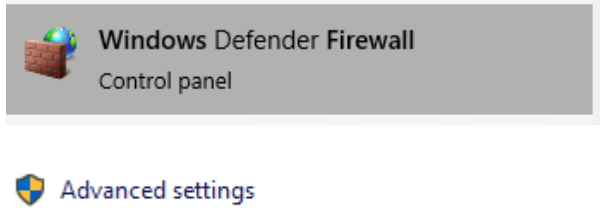
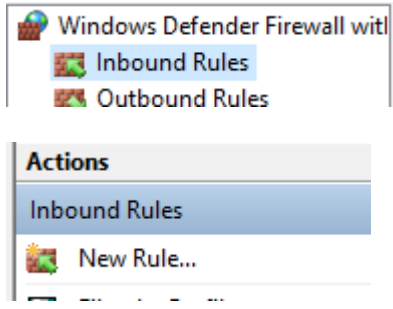
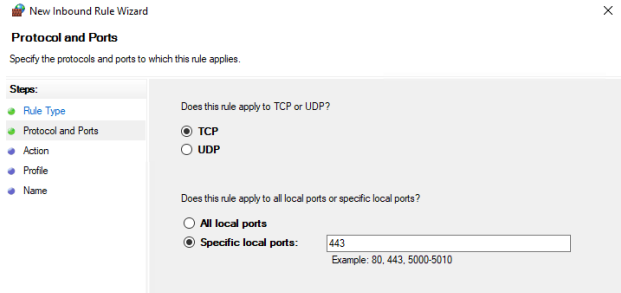
Sniffa Runbook

Adding the Web Portal Application to Internet Information Services (IIS)

7.	<p>Select the new site. Ensure that the ASP.NET icons are showing.</p>	
8.	<p>Select 'Connection Strings'.</p>	
9.	<p>Add a Connection String that matches the environment.</p> <p>Using a MS SQL Server: <code>Server=localhost\; Database=sniffa; User Id=sniffaadmin; Password=*****;</code></p> <p>Using a MS SQL Server Express: <code>Server=localhost\SQLEXPRESS; Database=sniffa; User Id=sniffaadmin; Password=*****;</code></p> <p>Using the MS SQL Server Express LocalDB: <code>Data Source=(localdb)\v11.0; AttachDbFileName=C:\Program Files (x86)\SniffaServer\sniffa.mdf; Initial Catalog=sniffa;</code></p> <p><i>Note: input correct password instead of *****.</i></p>	
10.	<p>Open a Browser Application and go to <code>https://localhost:[port number]</code></p> <p>Login with a valid username and password.</p> <p><i>Note: Replace [port number] with the correct port number if not the default 443 for https or 80 for http.</i></p>	
11.	<p>If the Connection String is incorrect, an error screen will be shown when the button marked 'Sign In' is clicked.</p> <p>Correct the Connection String and try again.</p>	

Sniffa Runbook

Adding the Web Portal Application to Internet Information Services (IIS)

<p>12.</p>	<p>Firewall Settings.</p> <p>Open Windows Defender Firewall from the Windows Start Menu.</p> <p>Click on the Menu Item marked 'Advance settings' from the left hand menu.</p>	
<p>13.</p>	<p>Select 'Inbound Rules' from the left hand menu.</p> <p>Select 'New Rule...' from the right hand menu.</p>	
<p>14.</p>	<p>Add a new rule to allow port TCP 443.</p> <p><i>Note:</i> <i>Replace [port number] with the correct port number if not the default 443 for https or 80 for http.</i></p> <p>Give the rule a unique name and click the button marked 'Finish' to save and enable the rule.</p>	
<p>15.</p>	<p>End of Runbook.</p>	