SnapShot Web Installation Guide

This module allows users of SnapShot to access dashboards from anywhere, via a web browser.

It can be used for just about anyone within the organisation. For example, you can use this to allow sales reps to access their own dashboards, or to offer senior management access to their own departmental Profit and Loss dashboards. It can even be used to allow the "customers' customer" to access specific dashboards.

For a smooth installation, have the following information at hand:

- SQL Server Address
- SQL Username
- SQL Password
- SnapShot Database Name

Please also review the "Minimum Requirements" section carefully.

Depending on how you want to use SnapShot Web, you may require a static IP address or an SSL certificate, for example. Ticking these minimum requirements off prior to installation will help speed up the process.

Contents

Minimum Requirements

Supported Operating Systems

The following Operating Systems are supported by SnapShot Web

- Windows 7 Service Pack 1
- Windows 8
- Windows 8.1
- Windows 10
- Windows Server 2008 R2 SP1
- Windows Server 2008 Service Pack 2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016, 2019

Other requirements

The following is a list of other requirements required for SnapShot Web to run

- Microsoft IIS installed and configured
- Microsoft .NET Framework 4.0 or later
- SnapShot PC Application running and operational
- Valid SnapShot License
- Rights to install software
- Microsoft Report View 2012 Runtime - http://www.microsoft.com/en-us/download/details.aspx?id=35747

External Access to SnapShot Web requirements

If users need to access the web version of SnapShot while out of the office (externally) the following is required

- The internet connection needs to have a static IP address
- A DNS hostname needs to be setup, this can be anything, an example is mobility.yourdomain.com
- A SSL Certificate purchased and configured for the above hostname
- A suitable port forward on the router/firewall to the server running IIS where the SnapShot website is hosted.

Installation stages

There are 2 components to the SnapShot Web Installation:

1. Installation of SnapShot web from PlusSoftware
2. Linking the SnapShot website to the SnapShot database (your desktop SnapShot database)

There is a third component where we recommend external access via HTTPS (strongly recommended) but this is outside the scope of this document.

If you need further information, email us support@PlusSoftSolutions.com

SnapShot Web Installation

1. Download installation file from SnapShot page at:
   http://www.plussoftware.com.au/software-downloads

snapshot_web-setup.exe
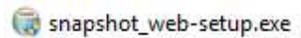
2. Run **SnapShot_web-setup.exe** to launch the installation wizard.

3. Press Next on the Welcome to SnapShot Web Setup screen.
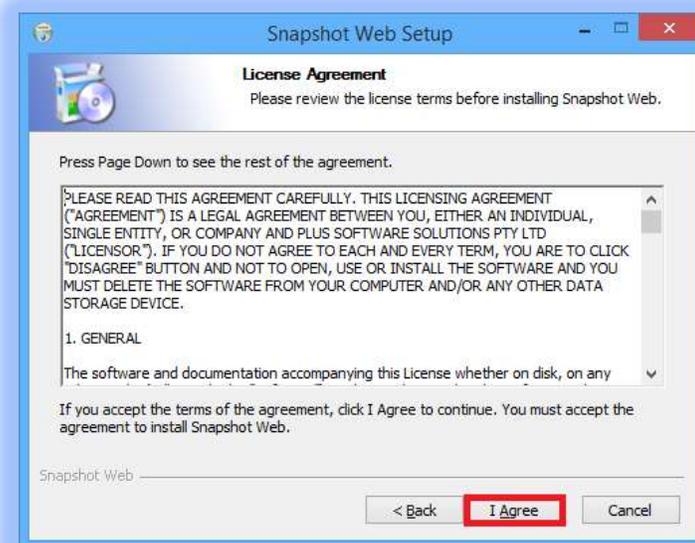
4. Read and accept the Licence Agreement by clicking I Agree.
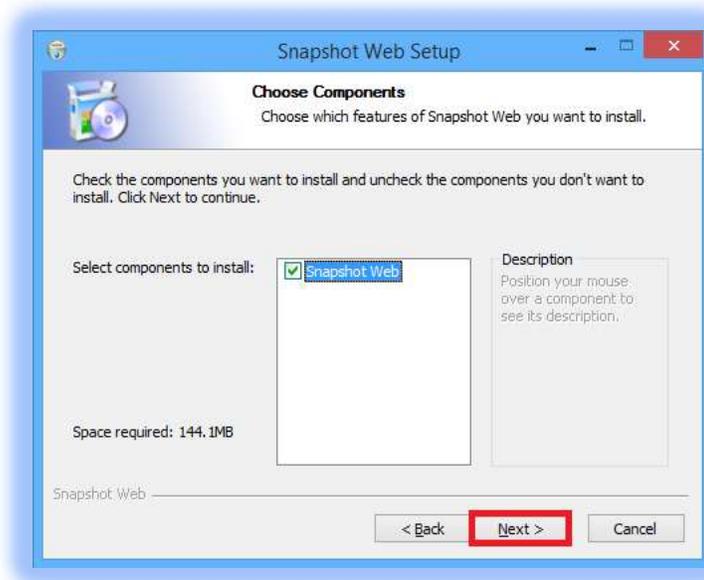
5. Press Next at the Choose Components screen.
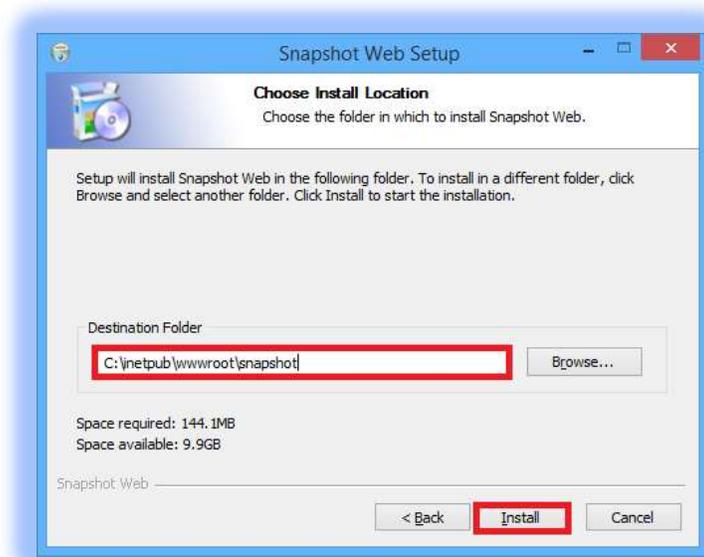
6. Browse to the location where the SnapShot website files need to be installed, click Install

Note: Generally this is C:\inetpub\wwwroot\SnapShot\ however each Microsoft IIS setup can be slightly different.
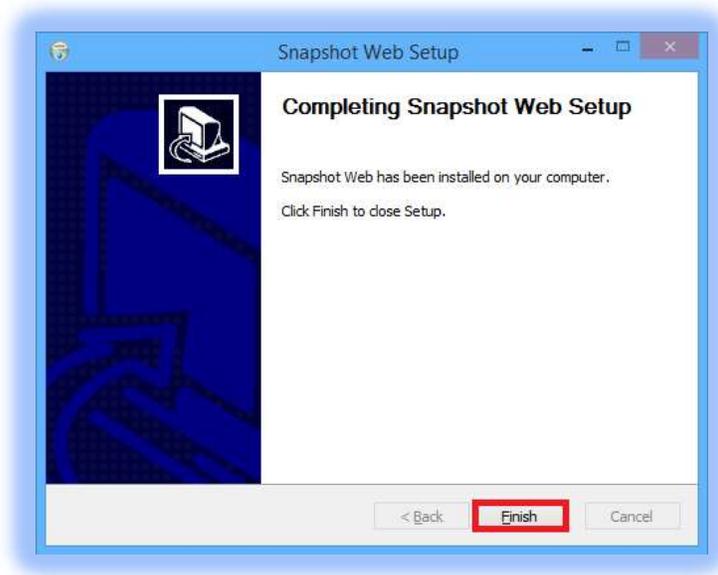
7. Press Finish to complete the installation of SnapShot Web.

Linking SnapShot website to the SnapShot database

Note: This is not the Business System database at this step. It must be linked to the SnapShot database. To confirm which database this is, launch the SnapShot PC application and before logging in, click the settings button.

The connection string needs to be modified in web.config to link the SnapShot website to the SnapShot database.

1. Navigate to the SnapShot folder (Usually C:\inetpub\wwwroot\SnapShot but can depend on the customer setup) and open **web.config** in notepad.

Scroll to the bottom and look for <applicationSettings>

```
<applicationSettings>
  <PlusSoftwareSolutions.SnapShotWeb.My.MySettings>
    <setting name="SQLServer" serializeAs="String">
      <value>localhost\sqlexpress</value>
    </setting>
    <setting name="SQLDatabase" serializeAs="String">
      <value>SnapShot</value>
    </setting>
    <setting name="SQLWindowsAuth" serializeAs="String">
      <value>False</value>
    </setting>
    <setting name="SQLUsername" serializeAs="String">
      <value>username</value>
    </setting>
    <setting name="SQLPassword" serializeAs="String">
      <value>password</value>
    </setting>
  </PlusSoftwareSolutions.SnapShotWeb.My.MySettings>
</applicationSettings>
```

The settings in red above will need to be modified to connect to the SQL Instance where the SnapShot database is.

SQLServer	The SQL Server Instance where the SnapShot database is located
SQLDatabase	The name of the SnapShot database (usually SnapShot)
SQLUsername	The SQL Username that has access to the SnapShot database
SQLPassword	The SQL Password for the corresponding SQL Username

2. Save the file and close notepad.

SnapShot Website Configuration

1. Launch Microsoft Internet Information Services. Located under **Control Panel > Administrative Tools > Internet Information Services (IIS) Manager**
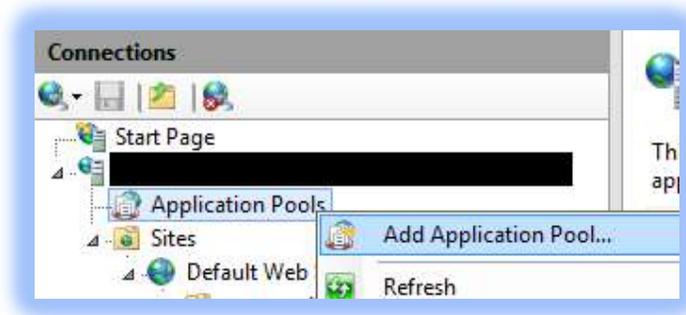
2. Right click Application Pools and select Add Application Pool...
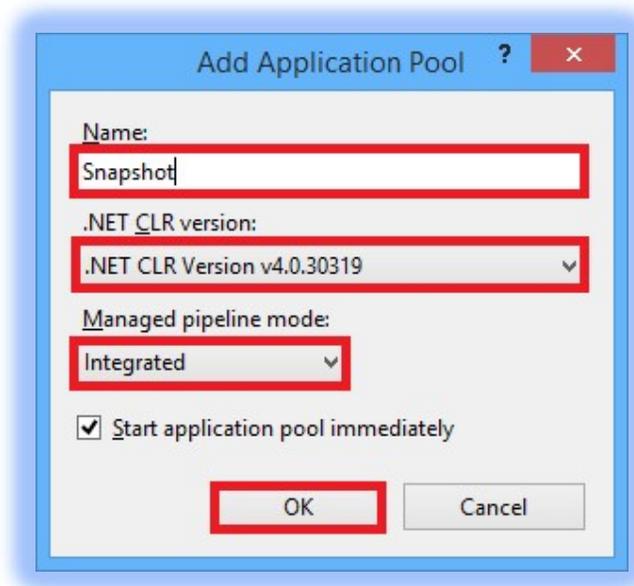
Name the Application Pool **SnapShot** and set .NET CLR version and Managed pipeline mode as above screenshot and click **OK**

3. Right click the newly created **SnapShot** Application Pool and select **Advanced Settings...**
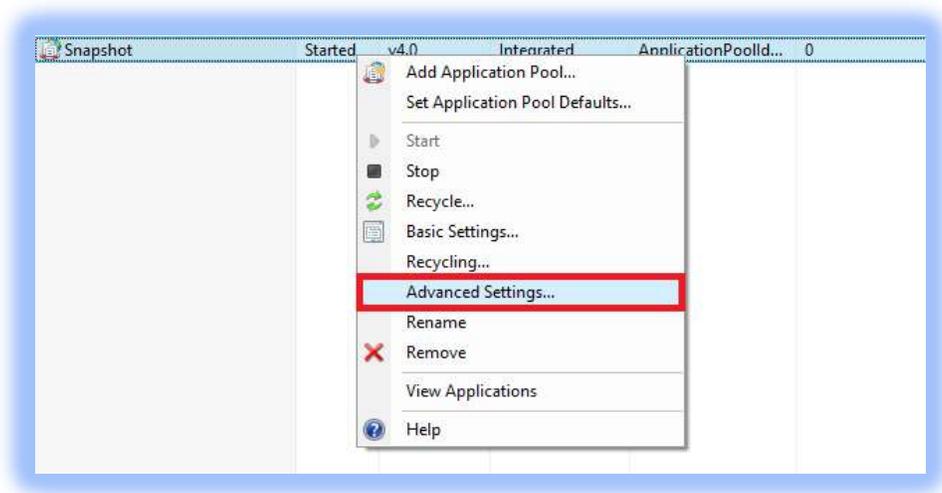
4. Set Enable 32-Bit Applications to **True** and click **OK**
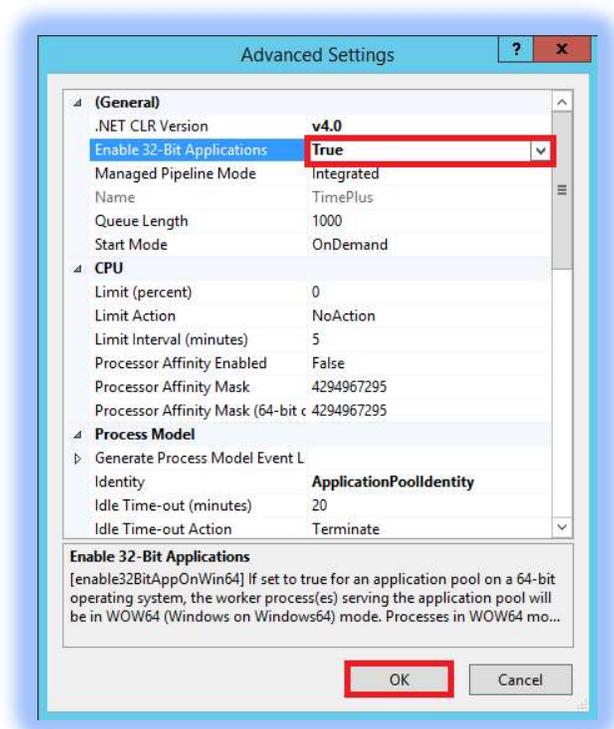
5. Navigate to the **SnapShot** folder under the default website (Under Application Pools, as per the previous section).
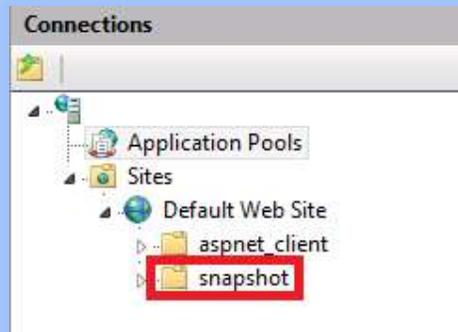
6. Right Click the **SnapShot** directory and select **Convert to Application**.
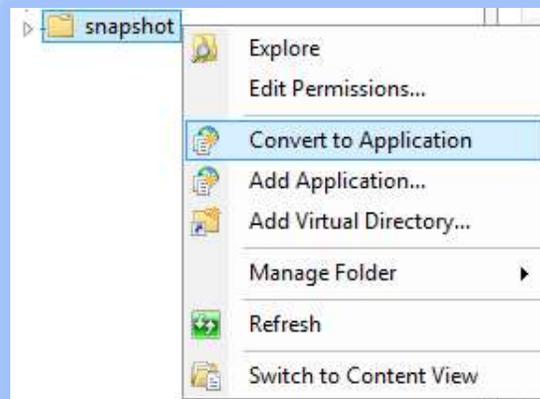
Click on **Select** and choose the **SnapShot** Application Pool which was just created. Click **OK**
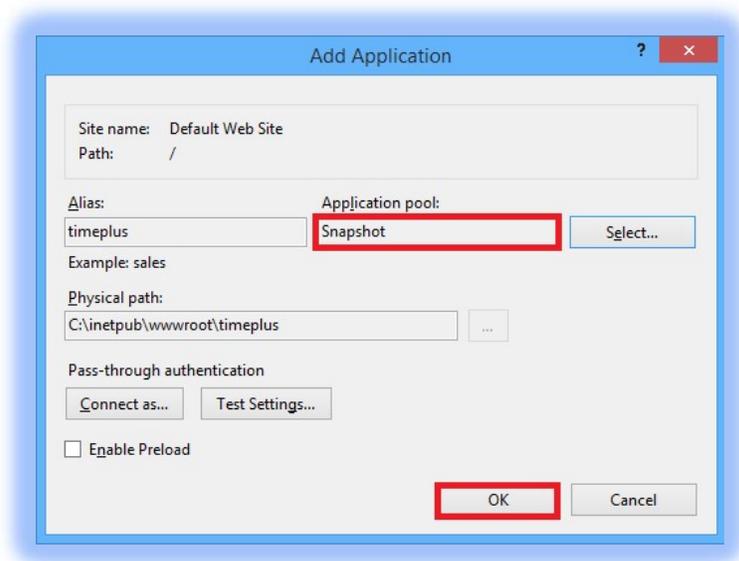
7. The **SnapShot** folder icon will change to an Application icon.
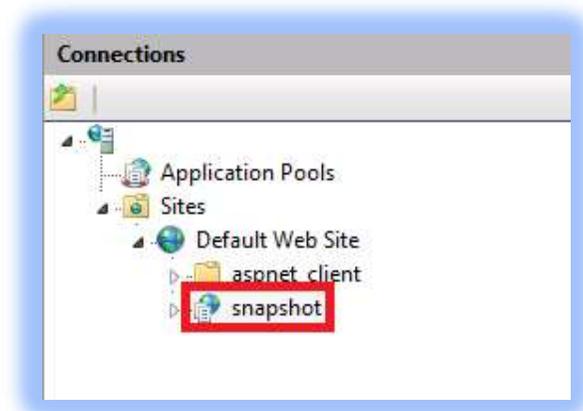
Logging into SnapShot Web
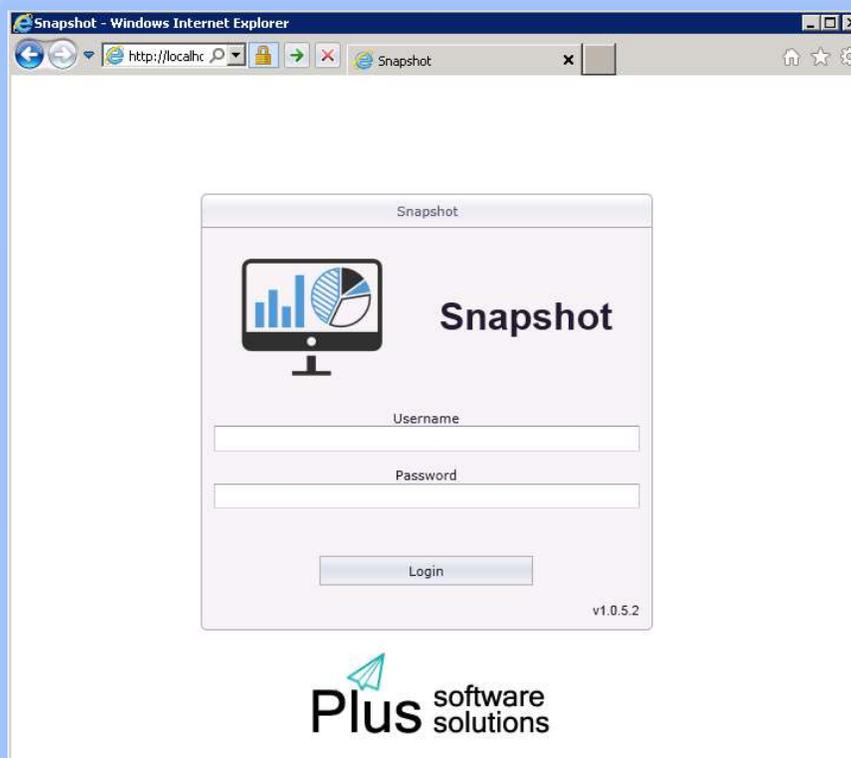
Launch your web browser and navigate to the SnapShot website.

http://computername/SnapShot

Important Notes:

1. This URL can vary between different IIS setups and configurations.
2. For security reasons the default admin password will not work from the web version of SnapShot. You will need to change it to something else if you wish to login as the admin user.

External Access to SnapShot Web

Given the nature of the information being displayed by SnapShot, it is **<u>strongly</u>** recommended to configure external access (users accessing SnapShot Web from outside the office) so that it only works via HTTPS.

The setup of this is outside the scope of this document, however the following would be required:

- Internet connection with a static IP address
- Hostname configured to point to the static IP address, for example mobility.domainname.com – but it can be anything
- Purchase a SSL certificate and configure to the chosen hostname
- Configure the SnapShot website to bind to a HTTPS port
- Setup a port forward on the router/firewall for external users to access the SnapShot website via the chosen HTTPS port.

Troubleshooting

Error	Solution
Parser Error Message: Could not load file or assembly 'Microsoft.ReportViewer.WebForms, Version=11.0.0.0, Culture=neutral, PublicKeyToken=89845dcd8080cc91' or one of its dependencies. The system cannot find the file specified	Microsoft Report Viewer 2012 Runtime is not installed on the server running Microsoft Internet Information Services http://www.microsoft.com/en-us/download/details.aspx?id=35747

Notes and Support

For any support, please email Support@PlusSoftSolutions.com