



LINKS  
MODULAR  
SOLUTIONS

ADVANCED CLASSWEB.LINK INSTALLATION  
MANUAL

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## 1. System Requirements

Please refer to the [IIS Installation Manual](#) for further information

## 2. Databases

### Standalone Links Database and Multiple Locations

For this scenario, the links database separates information based on location so that users at each site has access to different information. Classweb.link allows for clients to have access to different locations based on a parameter in the URL they access.

For example:

Classweb.com/bookings/LoginUser.aspx?lo=1 will display information based on Location ID 1 in the links database.

Classweb.com/bookings/LoginUser.aspx?lo=2 will display information based on Location ID 2 in the links database.

### Multiple Links Databases

For this scenario, information is separated between multiple links databases and/or multiple locations. This scenario requires an installation of Classweb.link for each of the databases it will be connected to. This can be achieved by repeating the installation steps in Section 3.2 using different web sites or virtual directories for each of the databases that will be connected.

For example:

Classweb.com/DB1Bookings/LoginUser.aspx will display information from the links database it is connected to.

Classweb.com/DB2Bookings/LoginUser.aspx will display information from a different links database

A combination of multiple websites/virtual directories and URL parameters can be used to display different locations, inside different links databases

For example:

ClassWeb.com/DB1Bookings/LoginUser.aspx?lo=1 will display information based on Location ID 1 of the links database it is connected to.

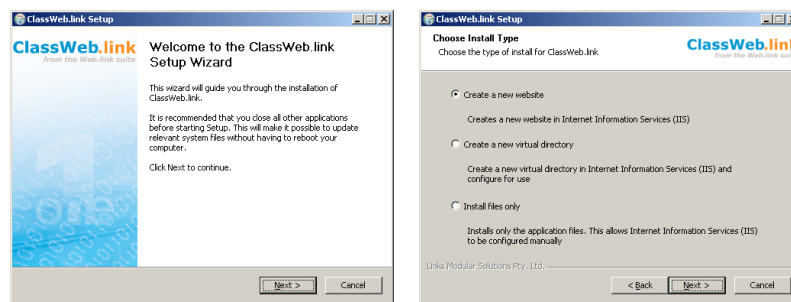
ClassWeb.com/DB1Bookings/LoginUser.aspx?lo=2 will display information based on Location ID 2 of the links database it is connected to.

## 3. Classweb.link Installation

Please note this document details in depth all possible ways of completing a classweb.link installation. It requires an advanced knowledge of IT. If you are not familiar with the terms used in this document you should refer to the [Basic classweb.link Installation Manual](#) and/or contact your IT professional.

### 3.1.1 Install Classweb.link Application Files

Classweb.link comes included in an installation package, to assist with installation of the website. The installer comes with 3 installation options, and these are outlined below.



#### Create a new website

Choose this option to have the installer automatically create a new website in Internet Information Services (IIS) to host the Classweb.link website.

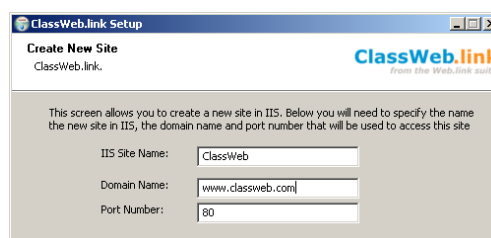
This option is used if IIS is not currently hosting any websites, or you wish to create a new website to work alongside existing websites (e.g. if you wish to use a different domain to host Classweb.link than the domain that existing websites are using).

When you select the create a new website option, you will be presented with the screen below. The values you can set are as follows:

**IIS Site Name** - The name of the website you wish to create. This is the name IIS uses to describe the website internally, and doesn't affect what a user sees when they access the website

**Domain Name** - The domain name that the website will be hosting. This is the domain name that user would enter to access the website externally e.g. www.classweb.com

**Port Number** - This is the HTTP (Non-SSL) port that users will access the website using. This will usually be port number 80.



Advanced ClassWeb.link Installation

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## Create a new virtual directory

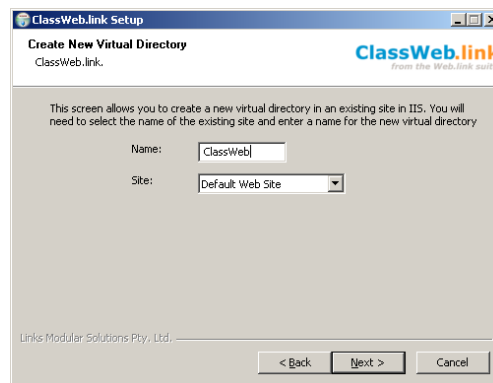
Choose this option to have the installer automatically create a new virtual directory in Internet Information Services (IIS). This option will create a virtual directory attached to an existing website to allow Classweb.link to run as a subdirectory of an existing website.

For example, if you have an existing website running in IIS under the www.classweb.com domain, you can have www.classweb.com/ClassWeb running the Classweb.link application.

When you select the create a new website option, you will be presented with the screen below. The values you can set are as follows:

**Name** - The name of the virtual directory that you wish to create. This will be the folder name that users will use to access the application.

**Site** - The site name in Internet Information Services (IIS) that the virtual directory will be created in.



## Install files only

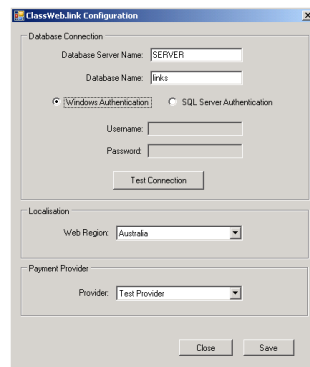
Choose this option to have the installer install only the application files, without any automatic configuration.

If you choose this option, manual configuration of Internet Information Services (IIS) will be required before the website will operate. You can refer to the section titled *Configuring IIS* in section 3.2.3 for manual configuration instructions.

## 3.1.2 Configure The Database Connection

Classweb.link will need to be configured so that it can access the pre-existing links Application Database. To do this, you can use the Classweb.link Configuration Tool supplied as part of classweb.link. As part of the classweb.link installation, this configuration tool will be run automatically.

In the event you need to access this tool after installation, the tool can be found called Links.ClassWebConfig.exe in the Bin folder of the Classweb.link application directory.



1. If links database settings are already available on the server, then they will be automatically populated in the Database Connection section. If they don't exist, the fields will be blank and will need to be completed before saving.
2. Select the region the Web Site settings will run under e.g. if the Web Site will be used by Australian clients, then you should choose Australia as the Web Region etc.
3. Select the Payment Provider that corresponds to the appropriate Payment Provider for your location / environment
4. Click Save to save the settings

### 3.1.3 Configuring IIS

*Please Note: If you chose 'Create a New Website' or 'Create a New Virtual Directory' options in Section 3.2.1 - Installing ClassWeb.link application files, you may skip to Section 3.2.4 - Enabled SSL.*

Classweb.link can be configured in IIS in two configurations: Web Site and Virtual Directory. A Web Site in IIS allows IIS to host a web page based on the IP address and/or the URL that was requested. A Virtual Directory allows you to create a directory inside an existing web site that will contain ClassWeb.link.

The choice between configuring a Web Site or a Virtual Directory will depend on the specific requirements of the environment, and will depend on whether the environment is already hosting other web sites/applications.

This guide will outline three common IIS configurations, however these examples may not be applicable to all environments and you should consult specialised advice if you are unsure.

#### **Example 1 - IIS is not hosting any web sites currently**

This example will cover configuring the Default Web Site in IIS to host ClassWeb.link

#### **Example 2 - IIS is hosting web sites already, and you wish to use a different domain to the existing web sites**

You will need to create a new Web Site and configure it host the new domain

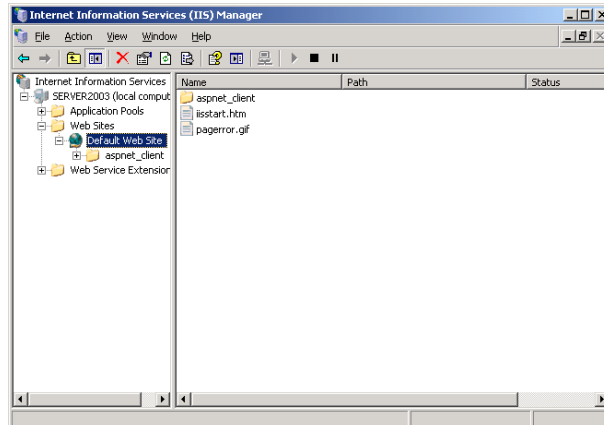
#### **Example 3 - IIS is hosting web sites already, and you wish to use your existing domain**

You will need to create a new Virtual Directory inside you existing web site to host ClassWeb.link

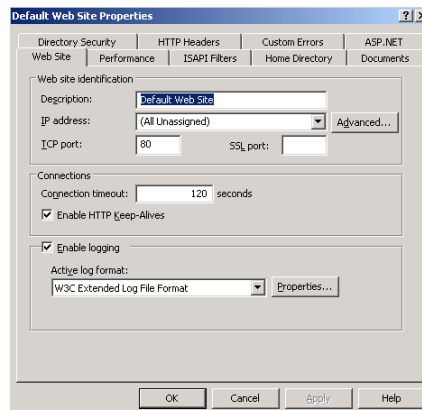
## Example 1 - IIS is not hosting any web sites currently

Windows Server 2003

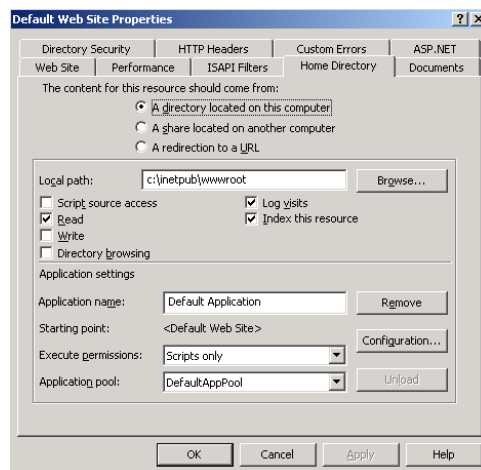
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Highlight Default Web Site



3. Right click on Default Web Site, and click Properties. The Default Web Site Properties dialog will be displayed.



4. Click on the Home Directory Tab

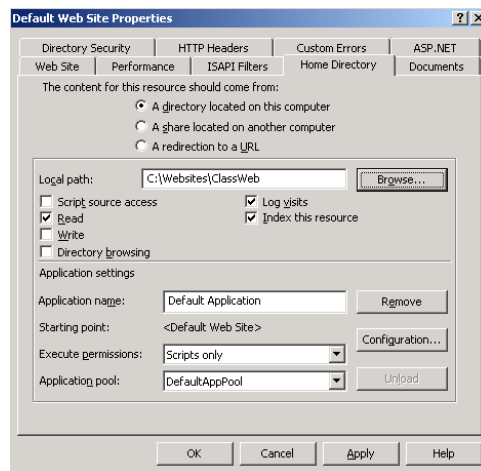


Advanced ClassWeb.link Installation

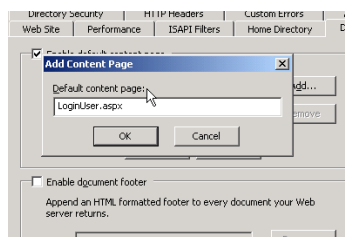
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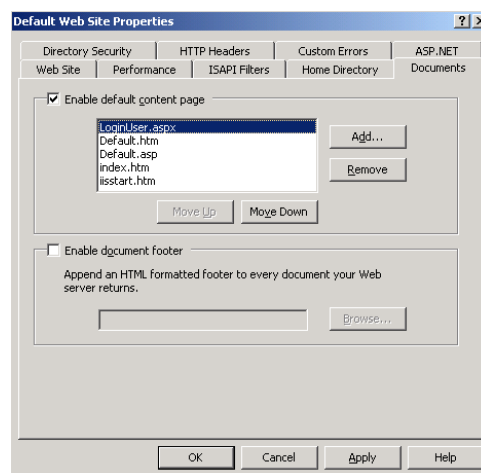
- Click Browse, and select the folder where you installed the Classweb.link application files e.g. C:\Websites\ClassLink



- Click on the Documents Tab
- Click Add
- Type 'LoginUser.aspx' in the Add Content Page window

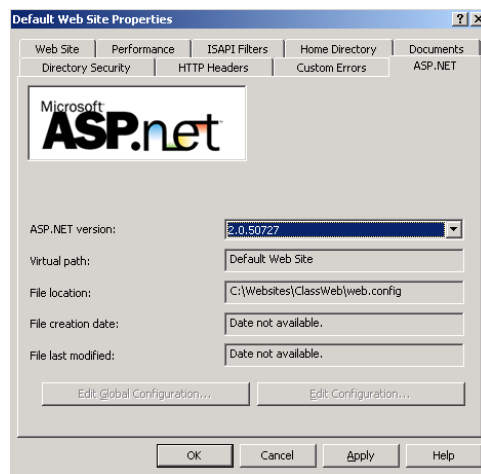


- Click OK
- Click Move Up until LoginUser.aspx is at the top of the list

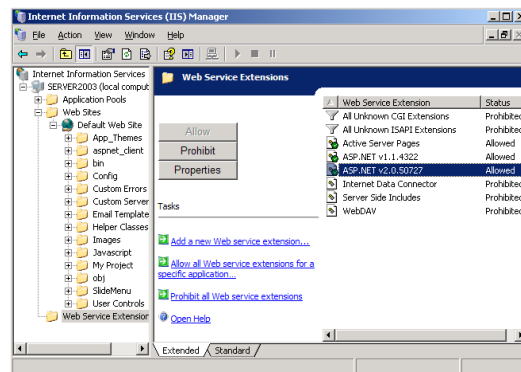


- Click on the ASP.NET Tab

- Change the ASP.NET version to 2.0.x – e.g. 2.0.50727 (x will correspond to the service pack level of the .NET Framework)



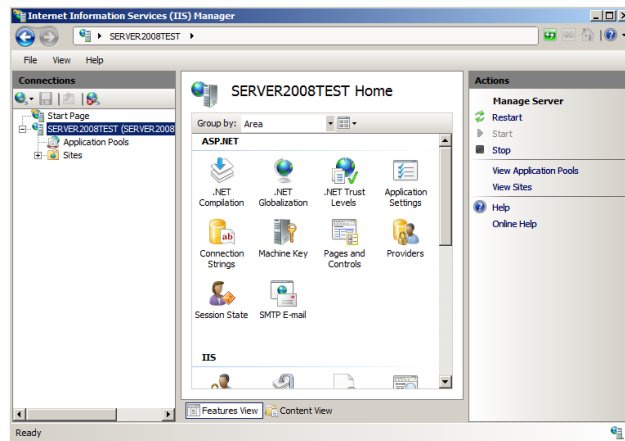
- Click OK to Save Changes
- In Internet Information Services (IIS) Manager, select Web Services Extensions
- In the Web Services Extensions list on the right-hand side of the screen, ensure ASP.NET v2.0.x (e.g. ASP.NET v2.0.50727) has Allowed Next to it



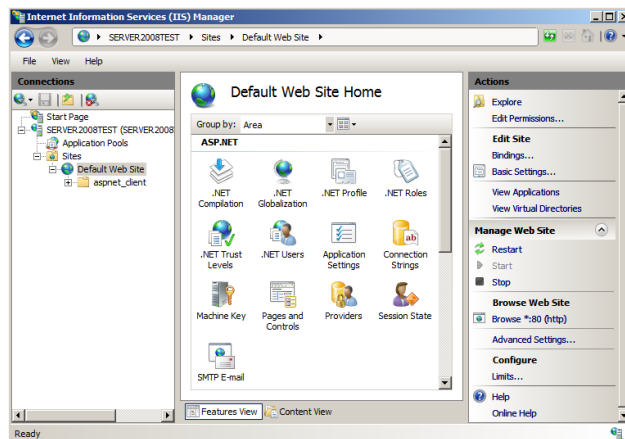
- If ASP.NET v2.0.x does not have allowed next to it, then highlight it and click the Allow button. If ASP.NET v2.0.x does not exist in the list, then you will need to install/re-install .NET Framework 3.5. After installing .NET Framework 3.5 you will need to repeat steps 14 and 15 to ensure the ASP.NET v2.0.x web extension is allowed

## Windows Server 2008

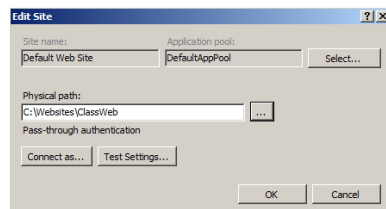
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Double click on the entry with the name of the server in the Connections section, and Application Pools and Sites should appear underneath



3. Double-click on Sites
4. Highlight Default Web Site



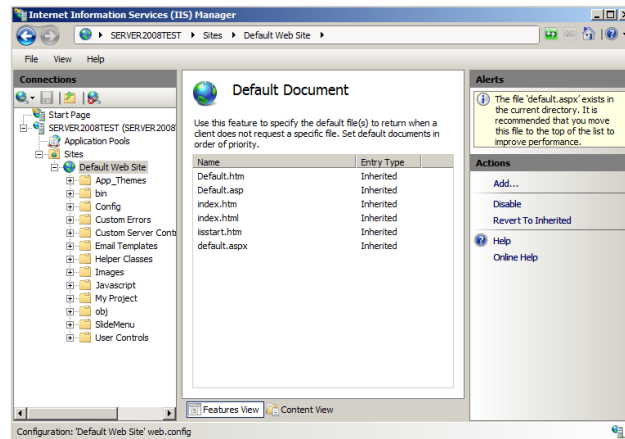
5. Under the Actions Task Pane on the right-hand side, select Basic Settings
6. Click on the ... button next to the physical path text box, and select the folder where you installed the Classweb.link application files e.g. C:\Websites\ClassLink



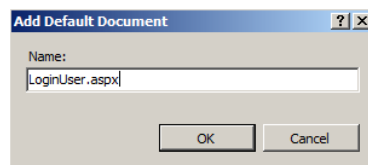
7. Click OK
8. Highlight Default Web Site
9. Under the Default Web Site Home section in the centre of the screen, inside the IIS section, double-click on Default Document

## Advanced ClassWeb.link Installation

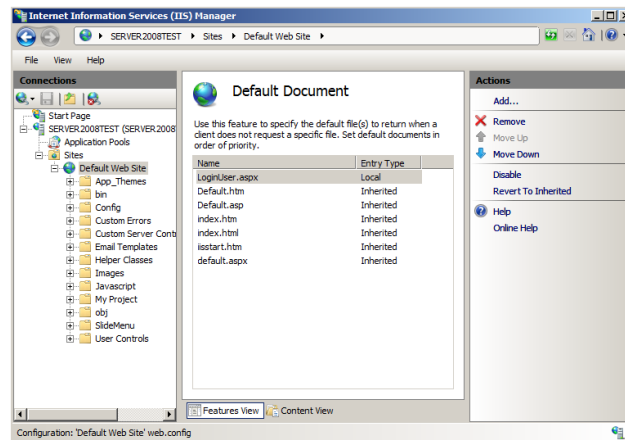
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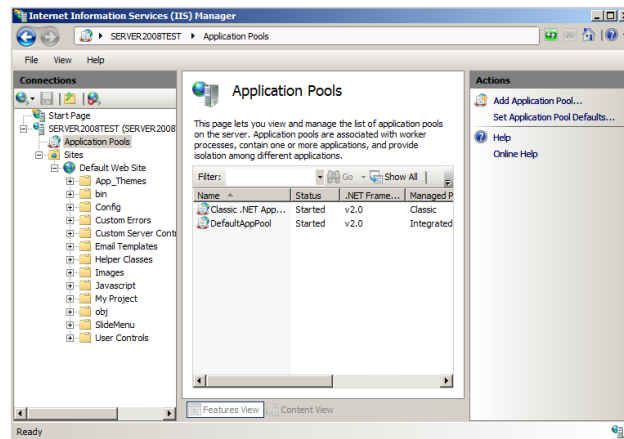
10. Under the Actions Task Pane on the right-hand side, click Add
11. In the Add Default Document screen, enter LoginUser.aspx



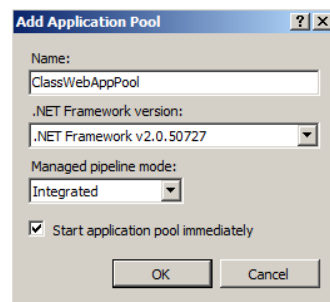
12. Click OK
13. The LoginUser.aspx file will be displayed in the Default Document List



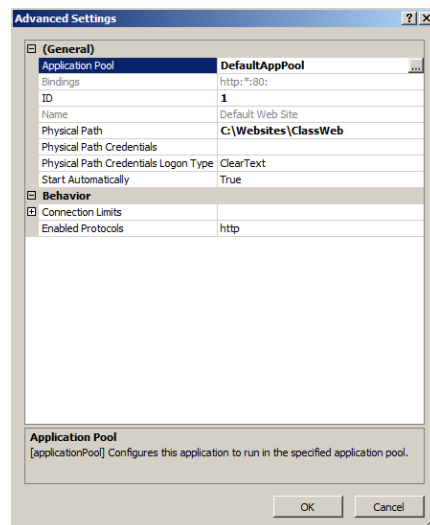
- Click on Application Pools in the Connections window



- Under the Actions Task Pane, click Add Application Pool
- In the Add Application Pool window enter ClassWebAppPool in the name box. Ensure that the .NET Framework version is 2.0.x – e.g. 2.0.50727 (x will correspond to the service pack level of the .NET Framework) and the Managed Pipeline Mode is Integrated.



- Click OK
- Click on Default Web Site in the Connections pane
- Under the Actions Task Pane, click Advanced Settings
- In the Advanced Settings window, highlight Application Pool

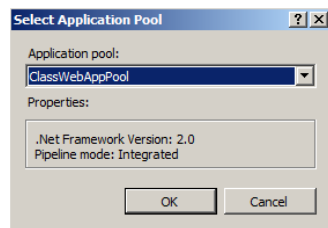


- Click on the ... button next to DefaultAppPool

Advanced ClassWeb.link Installation

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23. In the Select Application Pool window, select ClassWebAppPool from the drop-down

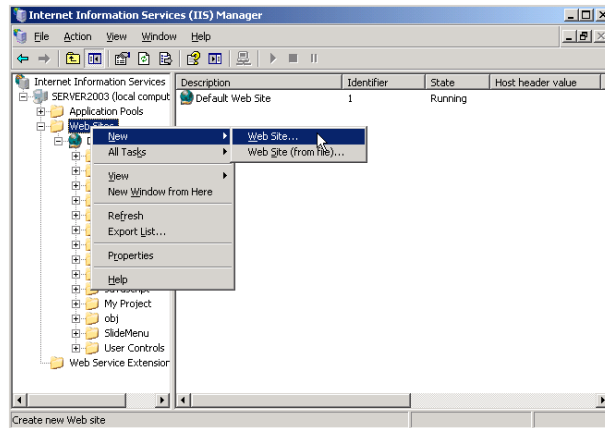


24. Click OK
25. Click OK to close the Application Settings window

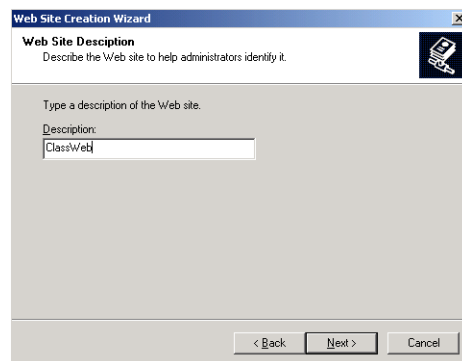
## Example 2 - IIS is hosting web sites already, and you wish to use a different domain to the existing web sites

Windows Server 2003

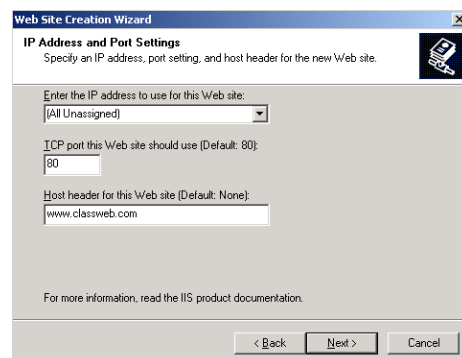
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Right-click on Websites
3. Navigate to New > Web Site



4. The Web Site Creation Wizard will be displayed, click Next
5. In Web Site Description, enter a new name to reference the Web Site e.g. ClassWeb



6. Click Next
7. Change the Host Header for this Web Site to be the domain you wish to be associated with this website e.g. [www.classweb.com](http://www.classweb.com)

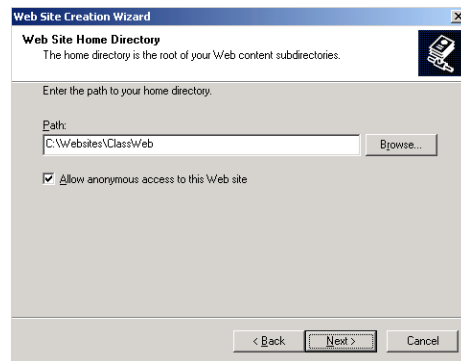


8. Click Next

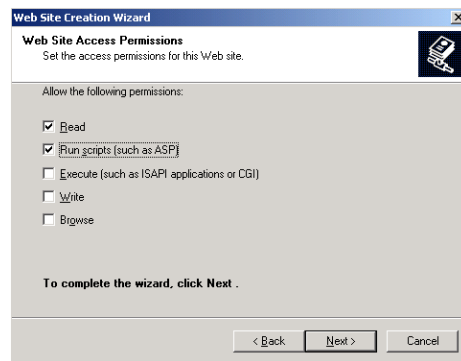
Advanced ClassWeb.link Installation

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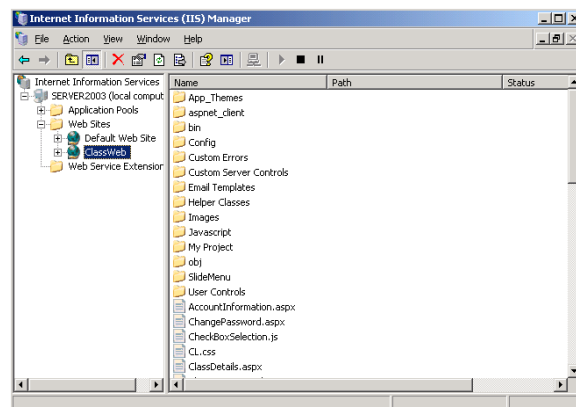
- On the Web Site Home Directory page, click Browse and select the directory that contains the Classweb.link files e.g. C:\Websites\ClassWeb



- Click Next
- On the Web Site Access Permissions page, ensure Read and Run scripts (such as ASP) are checked

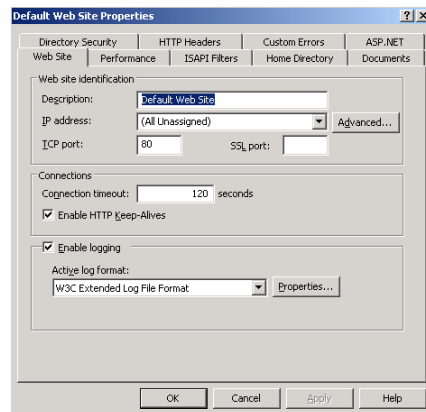


- Click Next, then Finish
- The new Web Site should be displayed in Internet Information Services (IIS) Manager

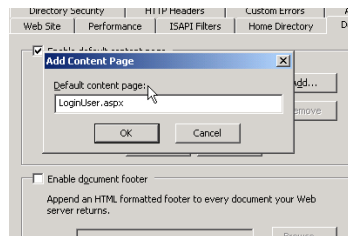




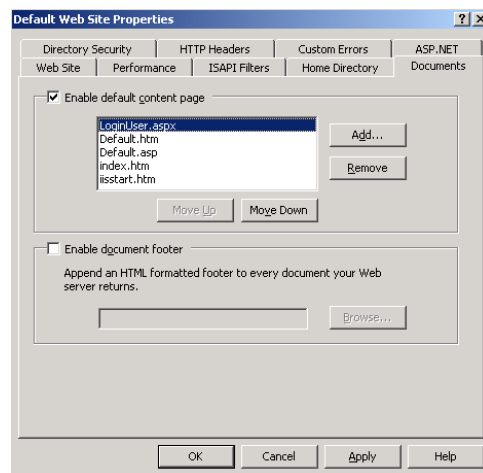
- Right click on Default Web Site, and click Properties. The Default Web Site Properties dialog will be displayed.



- Click on the Documents Tab
- Click Add
- Type 'LoginUser.aspx' in the Add Content Page window

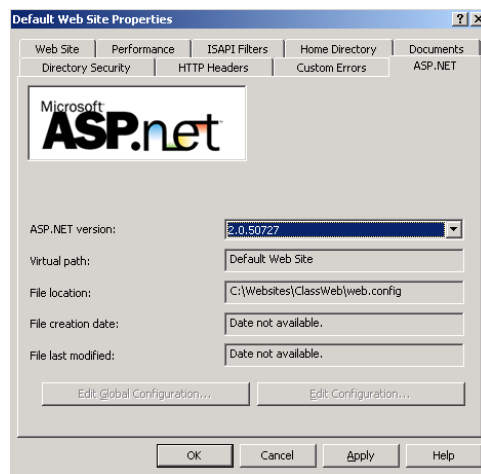


- Click OK
- Click Move Up until LoginUser.aspx is at the top of the list

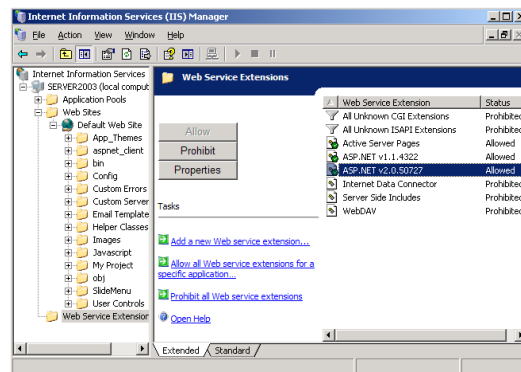


- Click on the ASP.NET Tab

- Change the ASP.NET version to 2.0.x – e.g. 2.0.50727 (x will correspond to the service pack level of the .NET Framework)



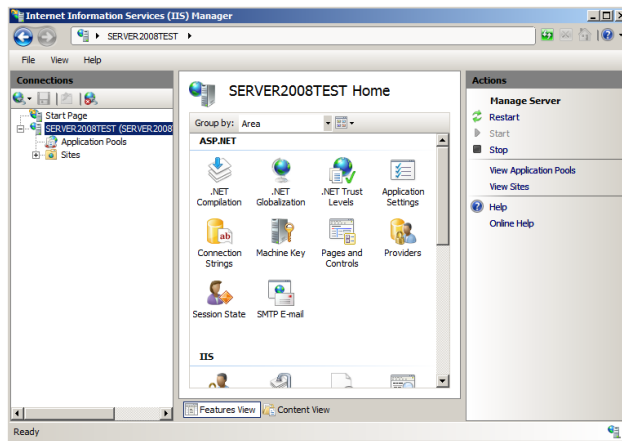
- Click OK to Save Changes
- In Internet Information Services (IIS) Manager, select Web Services Extensions
- In the Web Services Extensions list on the right-hand side of the screen, ensure ASP.NET v2.0.x (e.g. ASP.NET v2.0.50727) has Allowed Next to it



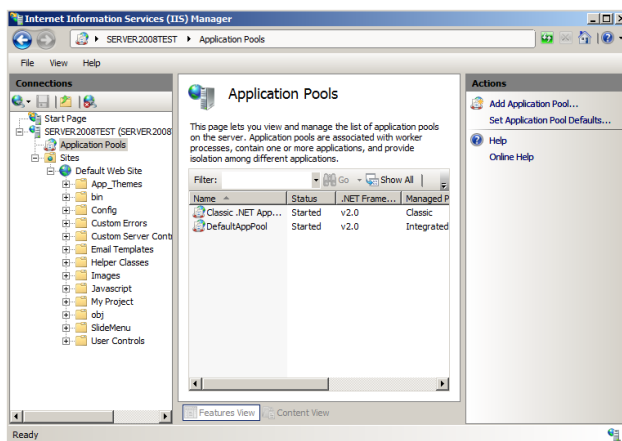
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## Windows Server 2008

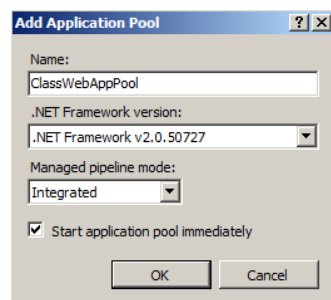
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Double click on the entry with the name of the server in the Connections section, and Application Pools and Sites should appear underneath



3. Click on Application Pools in the Connections window



4. Under the Actions Task Pane, click Add Application Pool
5. In the Add Application Pool window enter ClassWebAppPool in the name box. Ensure that the .NET Framework version is 2.0.x – e.g. 2.0.50727 (x will correspond to the service pack level of the .NET Framework) and the Managed Pipeline Mode is Integrated.

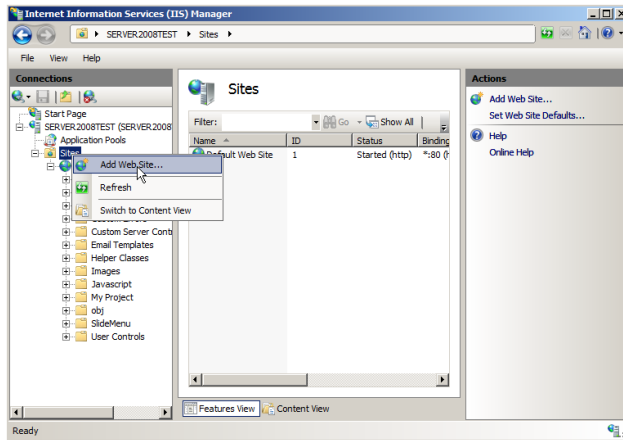


6. Click OK

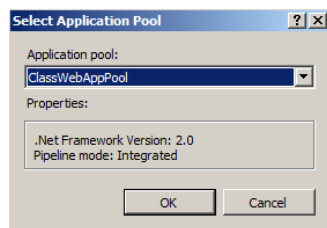
## Advanced ClassWeb.link Installation

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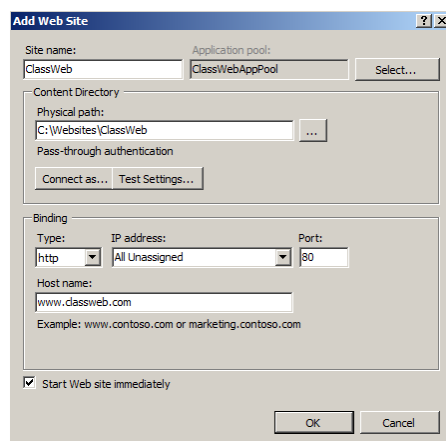
7. In the Connections Pane, right-click on Sites
8. Click Add Web Site



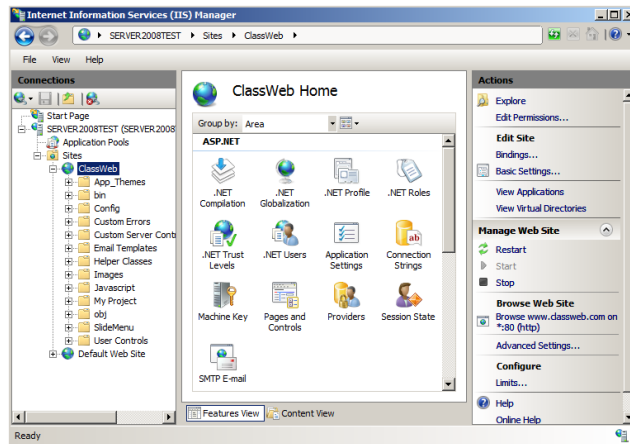
9. In the Add Web Site Window, enter ClassWeb in the Site Name text box
10. Click Select, next to Application Pool
11. In the Select Application Pool window, select ClassWebAppPool from the drop-down



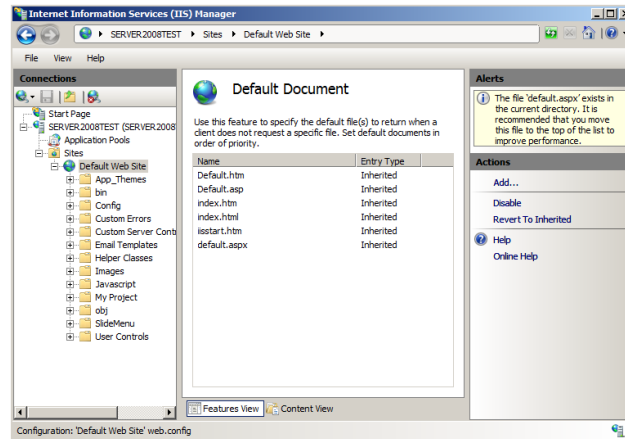
12. Click OK
13. In the Content Directory section, click on the ... button next to Physical Path and select the directory that contains the Classweb.link files e.g. C:\Websites\ClassWeb
14. Under the Binding section, enter the domain you wish to be associated with this website in the Host Name text box e.g. [www.classweb.com](http://www.classweb.com)



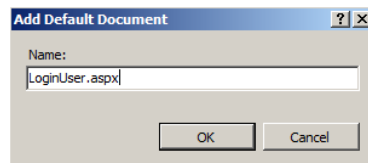
15. Click OK
16. Right-click on Sites, and click Refresh. ClassWeb should now be under Sites.



17. Highlight Default Web Site
18. Under the Default Web Site Home section in the centre of the screen, inside the IIS section, double-click on Default Document

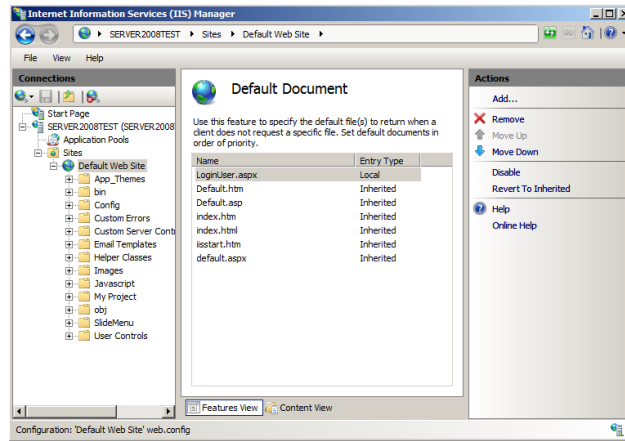


19. Under the Actions Task Pane on the right-hand side, click Add
20. In the Add Default Document screen, enter LoginUser.aspx



21. Click OK

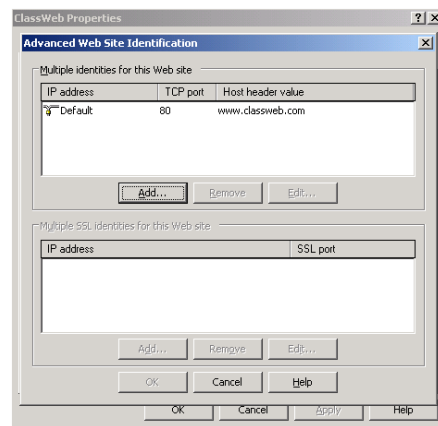
## 22. The LoginUser.aspx file will be displayed in the Default Document List



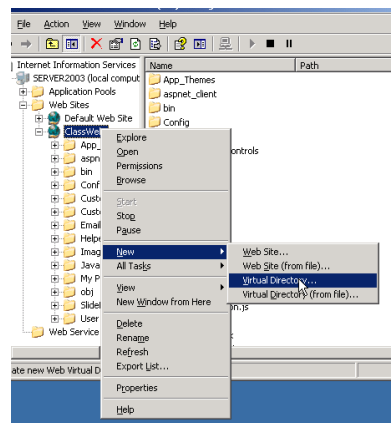
## Example 3 - IIS is hosting web sites already, and you wish to use your existing domain

Windows Server 2003

1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Highlight the Web Site which is already configured with the domain you wish to attach Classweb.link to
3. To ensure you have selected the correct Web Site, you can check which domain a Web Site is associated to. To do this, right-click on the Web Site, select Properties. On the Web Site tab, click Advanced. The host header values show which domains the Web is associated with. (In the example this Web Site is associated with www.classweb.com)



4. Cancel any dialogs that may be open to return to Internet Information Services (IIS) Manager.
5. Right-click on the Web Site you wish to use and select New > Virtual Directory

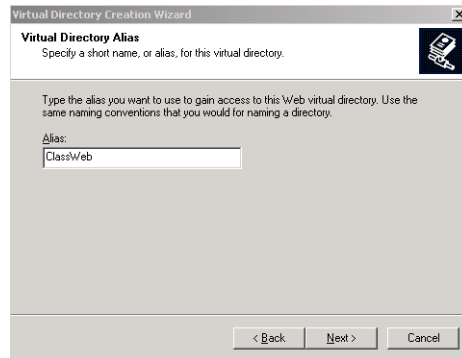


6. The Virtual Directory Creation Wizard will appear. Click Next.

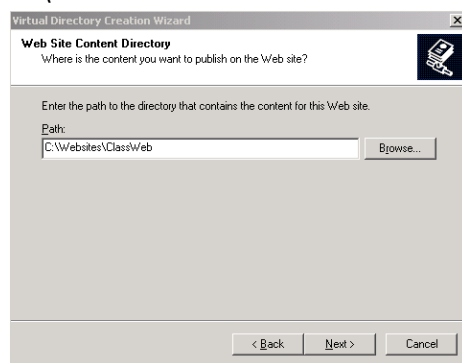
Advanced ClassWeb.link Installation

Links Modular Solutions Installation Instructions  
Property of Links Modular Solutions Pty. Ltd.

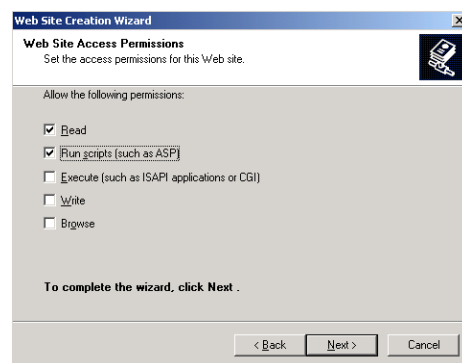
- The Virtual Directory Alias page will be displayed. Enter a name for the directory where Classweb.link will be found e.g. if the Alias name is ClassWeb and the domain is [www.classweb.com](http://www.classweb.com), then Classweb.link will be accessed by entering [www.classweb.com/ClassWeb](http://www.classweb.com/ClassWeb) in a browser



- Click Next
- Click Browse and select the directory that contains the Classweb.link files e.g. C:\Websites\ClassWeb



- Click Next
- On the Web Site Access Permissions page, ensure Read and Run scripts (such as ASP) are checked

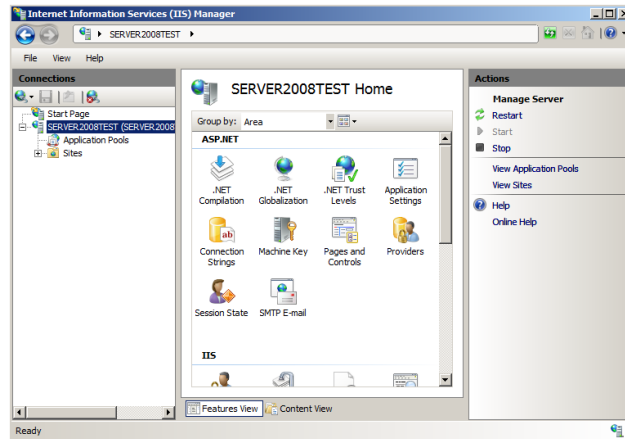


- Click Next, then Finish

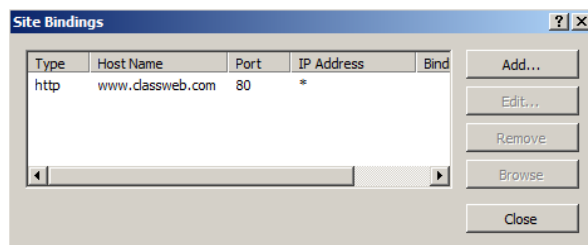


## Windows Server 2008

1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Double click on the entry with the name of the server in the Connections section, and Application Pools and Sites should appear underneath

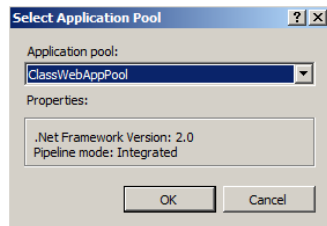


3. Double-click on Sites
4. Highlight the Web Site which is already configured with the domain you wish to attach Classweb.link to
5. To ensure you have selected the correct Web Site, you can check which domain a Web Site is associated to. To do this, click Bindings in the Action Task Pane on the right-hand side. The host name values show which domains the Web is associated with. (In the example this Web Site is associated with www.classweb.com)

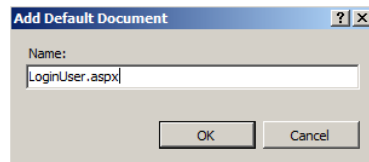


6. Click Close
7. Right-click on the Web Site you are using, and click Add Application
8. Enter a name for the directory where Classweb.link will be found in the Alias text box e.g. if the Alias name is ClassWeb and the domain is [www.classweb.com](http://www.classweb.com), then Classweb.link will be accessed by entering [www.classweb.com/ClassWeb](http://www.classweb.com/ClassWeb) in a browser
9. Click Select, next to Application Pool

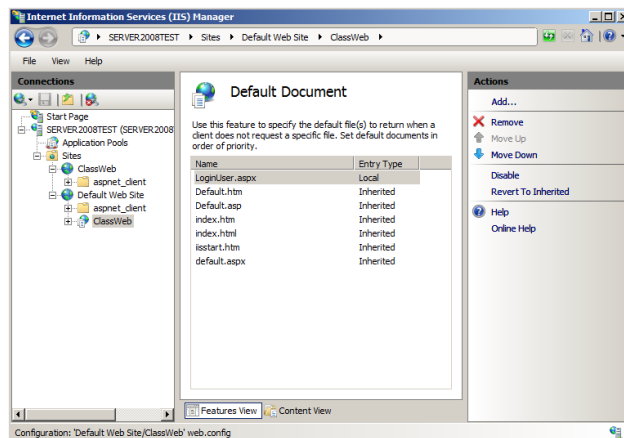
- In the Select Application Pool window, select ClassWebAppPool from the drop-down



- Click OK
- Click on the ... button next to Physical Path and select the directory that contains the Classweb.link files e.g. C:\Websites\ClassWeb
- Click OK
- Highlight the newly created application e.g. ClassWeb under the Default Web Site
- Inside the section in the centre of the screen, underneath the IIS section, double-click on Default Document
- Under the Actions Task Pane on the right-hand side, click Add
- In the Add Default Document screen, enter LoginUser.aspx



- Click OK
- The LoginUser.aspx file will be displayed in the Default Document List



## 3.1.4 Enable SSL

A Secure Socket Layer (SSL) certificate enables encrypted communication between a user and a web site on the Internet. This allows information, especially payment details, to be securely transmitted and not be able to be intercepted by a third-party and keeps the details private. A web site configured for SSL will have the https:// prefix and a lock icon inside the user's browser.

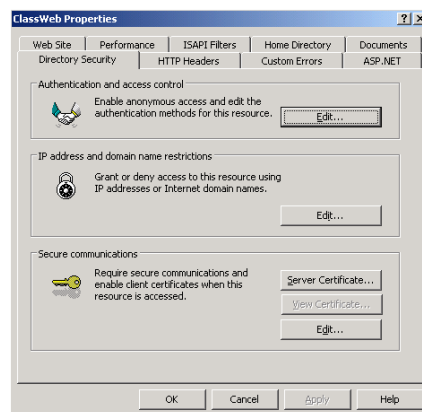
An SSL certificate becomes a requirement for Classweb.link when it is configured to allow users to make bookings and pay for those bookings online.

### Generate a Certificate Signing Request (CSR)

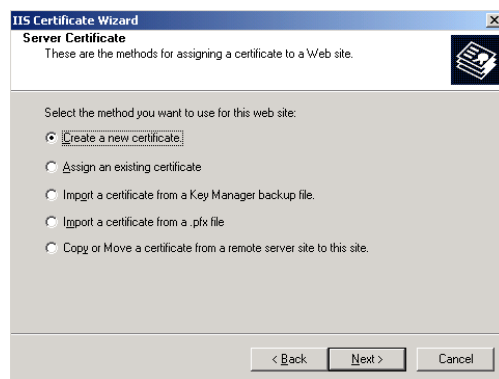
To purchase an SSL certificate, you will need to generate a Certificate Signing Request (CSR) to send to the verification authority that creates the SSL certificate. To generate a CSR, follow the steps below:

*Windows Server 2003*

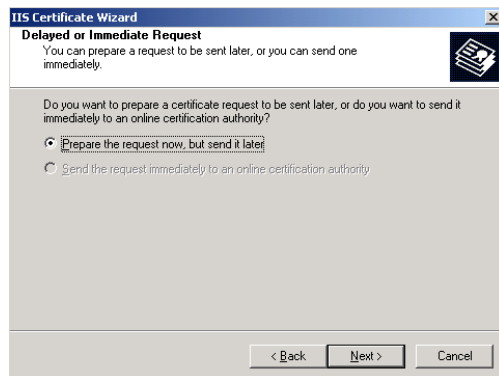
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Right-click on the Web Site you wish to enable for SSL, and click Properties
3. Select the Directory Security tab



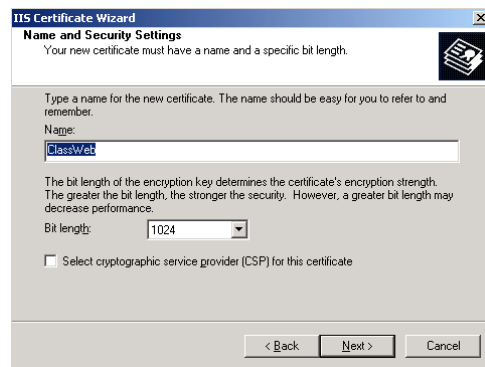
4. Click Server Certificate, in the Secure Communications section.
5. The Welcome to Web Server Certificate Wizard appears. Click Next.
6. On the Server Certificate Page, select Create a new certificate. Click Next.



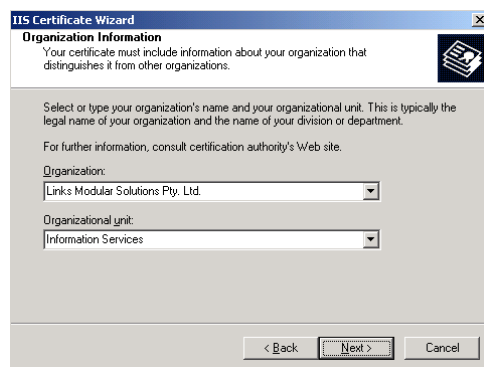
7. On the Delayed or Immediate Request page, select Prepare the Request Now, but send it later. Click Next.



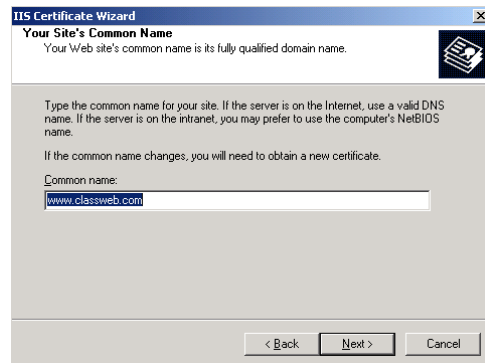
8. On the Name and Security Settings page, enter a name for the SSL Certificate and select 1024 as the bit length for. Click Next.



9. On the Organization Information page, enter your company name and department.

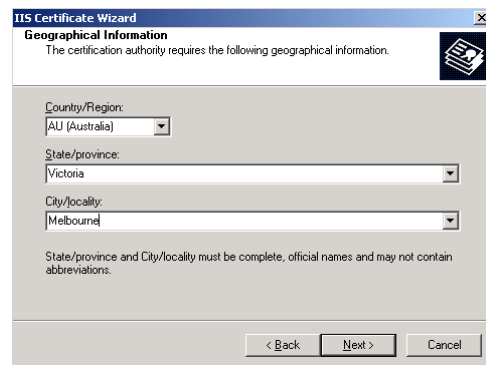


10. On the Your Site's Common Name page, enter the domain with which the SSL certificate will be used (i.e. the domain you have set the Web Site to host). Click Next.



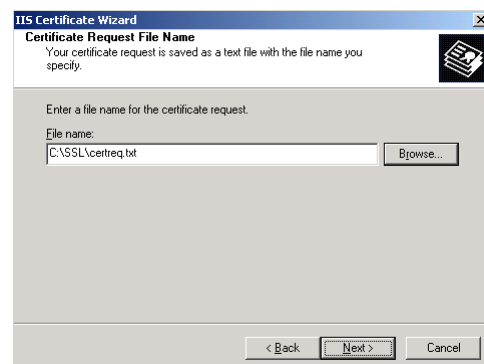
The screenshot shows the 'IIS Certificate Wizard' window with the 'Your Site's Common Name' page. The text reads: 'Your Web site's common name is its fully qualified domain name.' Below this, it says: 'Type the common name for your site. If the server is on the Internet, use a valid DNS name. If the server is on the intranet, you may prefer to use the computer's NetBIOS name. If the common name changes, you will need to obtain a new certificate.' There is a text input field labeled 'Common name:' containing the text 'www.classweb.com'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

11. On the Geographical Information page, enter your company's location details. Click Next.



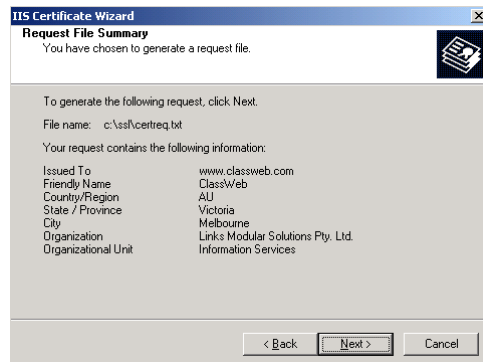
The screenshot shows the 'IIS Certificate Wizard' window with the 'Geographical Information' page. The text reads: 'The certification authority requires the following geographical information.' There are three dropdown menus: 'Country/Region:' with 'AU (Australia)' selected, 'State/province:' with 'Victoria' selected, and 'City/locality:' with 'Melbourne' selected. Below the dropdowns, it says: 'State/province and City/locality must be complete, official names and may not contain abbreviations.' At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

12. On the Certificate Request File Name page, enter a path and a filename for the CSR file. Click Next.



The screenshot shows the 'IIS Certificate Wizard' window with the 'Certificate Request File Name' page. The text reads: 'Your certificate request is saved as a text file with the file name you specify.' Below this, it says: 'Enter a file name for the certificate request.' There is a text input field labeled 'File name:' containing the text 'C:\SSL\certreq.txt'. To the right of the input field is a 'Browse...' button. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

13. Confirm the details have been correctly entered on the Request File Summary page. Click Next then Finish.



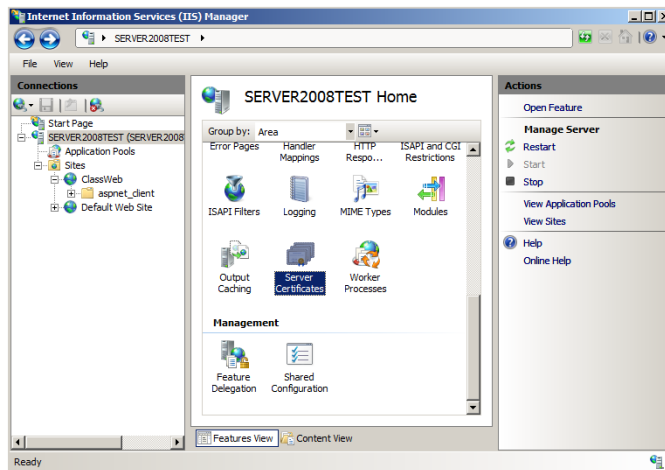
14. The CSR file can now be used to purchase an SSL certificate from a Trusted Authority e.g. Rapid SSL ([www.rapidssl.com](http://www.rapidssl.com)) or Comodo ([www.comodo.com](http://www.comodo.com)) etc.

**Ensure the SSL certificate you purchase is 128-bit.**

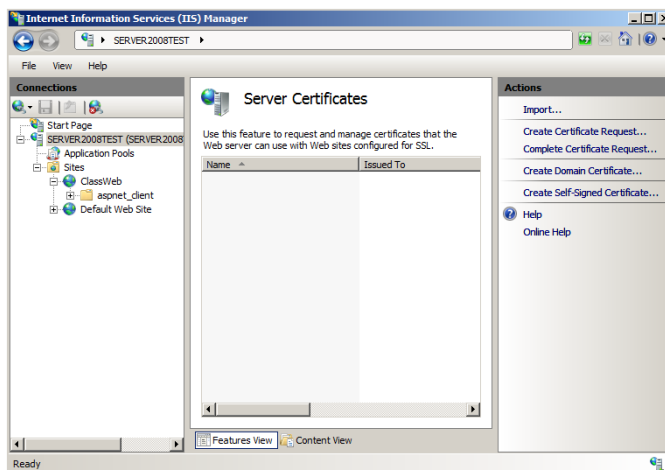
## Windows Server 2008

After a certificate has been purchased from a Trusted Authority, it will need to be attached to the Web Site in IIS before it can be used.

1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Double click on the entry with the name of the server in the Connections section, and Application Pools and Sites should appear underneath
3. Double-click on Server Certificates in the centre section of the screen, underneath the IIS section



4. In the Server Certificates screen, click Create Certificate Request



- On the Distinguished Name Properties page, enter the domain that your site is using as the Common Name (without the http:// prefix) and complete the other fields using the details specific to your organisation. Click Next.

**Request Certificate**

**Distinguished Name Properties**

Specify the required information for the certificate. State/province and City/Locality must be specified as official names and they cannot contain abbreviations.

Common name:

Organization:

Organizational unit:

City/Locality:

State/province:

Country/region:

Previous Next Finish Cancel

- On the Cryptographic Service Provider Properties page, select Microsoft RSA SChannel Cryptographic Provider and a Bit Length of 1024. Click Next.

**Request Certificate**

**Cryptographic Service Provider Properties**

Select a cryptographic service provider and a bit length. The bit length of the encryption key determines the certificate's encryption strength. The greater the bit length, the stronger the security. However, a greater bit length may decrease performance.

Cryptographic service provider:

Bit length:

Previous Next Finish Cancel

- On the File Name page, specify a file name for the CSR that will be generated. Click Finish.

**Request Certificate**

**File Name**

Specify the file name for the certificate request. This information can be sent to a certification authority for signing.

Specify a file name for the certificate request:

Previous Next Finish Cancel

- The CSR file can now be used to purchase an SSL certificate from a Trusted Authority e.g. Rapid SSL ([www.rapidssl.com](http://www.rapidssl.com)) or Comodo ([www.comodo.com](http://www.comodo.com)) etc.

**Ensure the SSL certificate you purchase is 128-bit.**



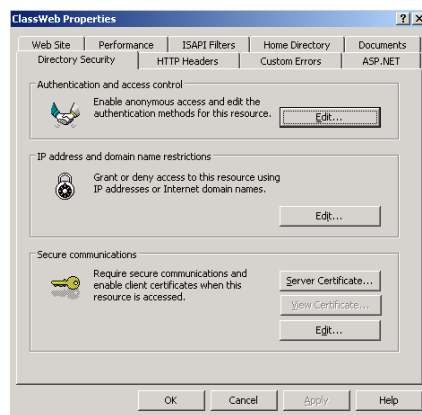
## Insert Signed Certificate into IIS

After a certificate has been purchased from a Trusted Authority, it will need to be attached to the Web Site in IIS before it can be used.

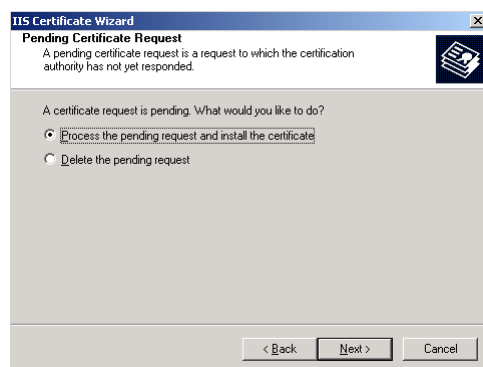
Note: The file used in the below examples is a self-signed certificate which has not been signed by a Trusted Authority. This is used as an example and should not be used in a production environment as a user will receive an error stating that the certificate is invalid.

### Windows Server 2003

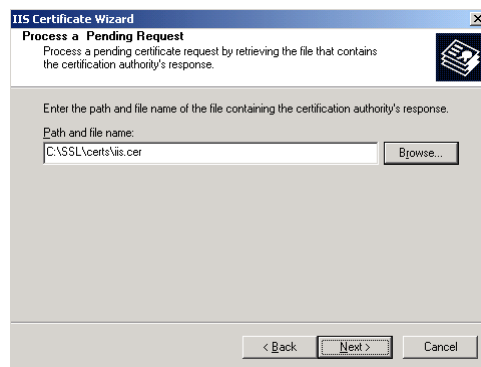
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Right-click on the Web Site you generated the CSR using, and click Properties
3. Select the Directory Security tab



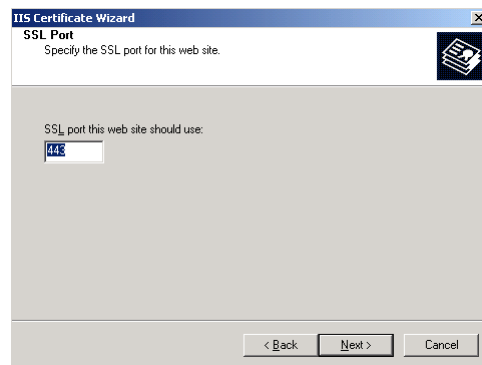
4. Click on Server Certificate
5. The Welcome to Web Server Certificate Wizard appears. Click Next.
6. On the Pending Certificate Request screen, select Process the pending request and install the certificate. Click Next.



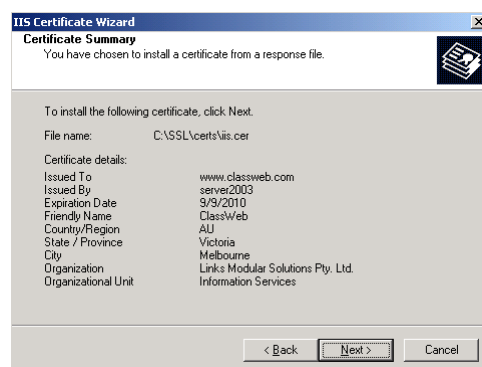
7. On the Process a Pending Request page, browse to the path of the Certificate file that you received from the Trusted Authority. Click Next.



8. On the SSL Port screen, ensure that 443 is entered as the port number. Click Next.

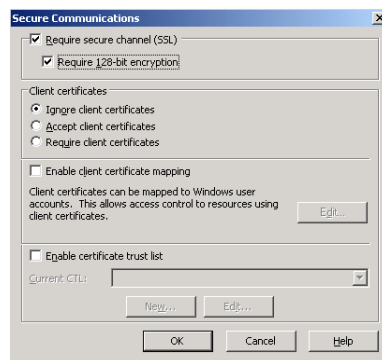


9. Ensure the details on the Certificate Summary screen are correct. Click Next and then Finish.



10. Under the Secure Communications section, click Edit

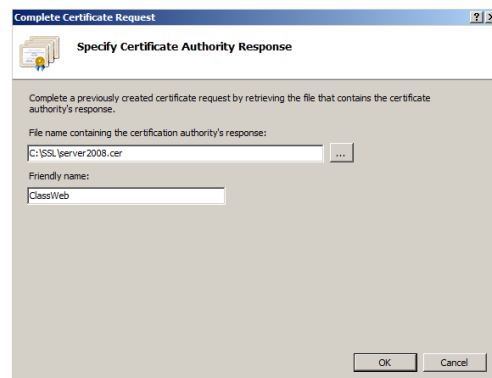
11. Check Require Secure Channel (SSL) and Require 128-bit Encryption



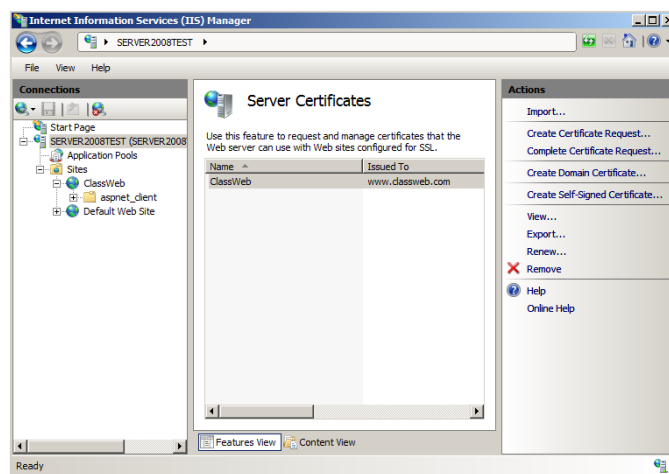
12. Click OK.

## Windows Server 2008

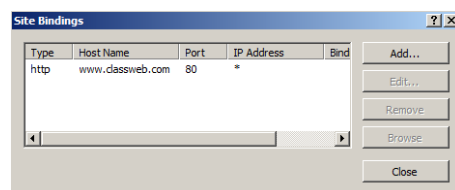
1. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
2. Double click on the entry with the name of the server in the Connections section, and Application Pools and Sites should appear underneath
3. Double-click on Server Certificates in the centre section of the screen, underneath the IIS section
4. In the Server Certificates screen, click Complete Certificate Request
5. On the Specify Certificate Authority Response page, browse to the path of the Certificate file that you received from the Trusted Authority and enter a name for the certificate that you can use to identify it. Click OK.



6. Your new certificate should appear in the Server Certificates list



7. Double-click on Sites
8. Highlight the Web Site you wish to enable for SSL
9. In the Actions Task Pane on the right-hand side of the screen, click Bindings

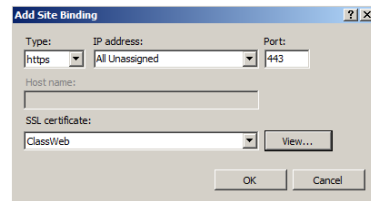


10. Click Add

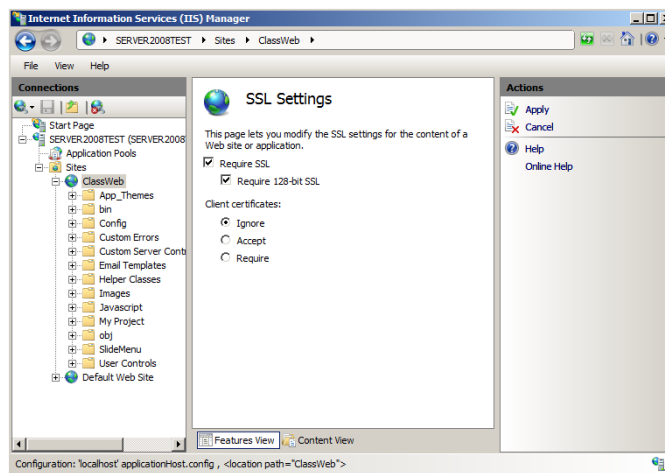
## Advanced ClassWeb.link Installation

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11. Change Type to https and change SSL certificate to the certificate you are using for this Web Site. Click OK.



12. Double-click on SSL settings in the centre section of the screen, underneath the IIS section
13. Check Require SSL and Require 128-bit SSL



14. In the Actions Task Pane, click Apply

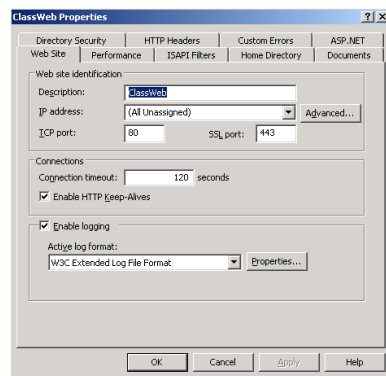
## Add HTTPS Redirect From HTTP

If a user accesses the website using the http:// (e.g. http://www.classweb.com) prefix and the Web Site is configured to require SSL, they will receive an error. A method of resolving this situation is to redirect a user from the HTTP (non-SSL) version of the website to the HTTPS (SSL) version of the website transparently.

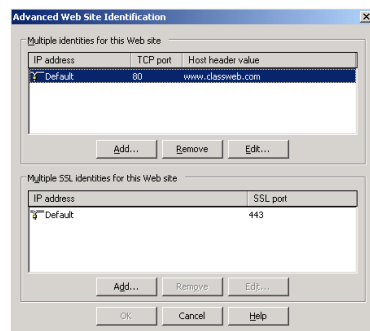
This can be accomplished by creating another website that hosts the HTTP domain, and then when a user accesses that Web Site, they will be redirected to the HTTPS version.

### Windows Server 2003

1. Create a new blank folder outside of the Classweb.link directory to act as a placeholder for the redirection website e.g. C:\Websites\ClassWebRedirect
2. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
3. Right-click on the Web Site hosting ClassWeb.link. Click Properties



4. Click Advanced, in the Web Site Identification section
5. Highlight the entry in the top section with Port 80, and a Host Header matching the domain Classweb.link is attached to

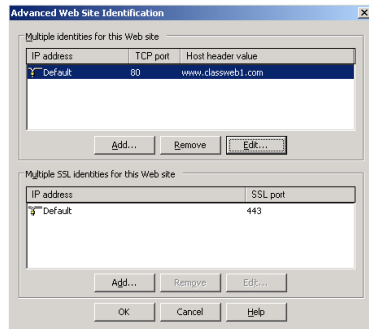


6. Click Edit
7. Change the Host Header value to an invalid domain e.g. [www.classweb1.com](http://www.classweb1.com)

### Advanced ClassWeb.link Installation

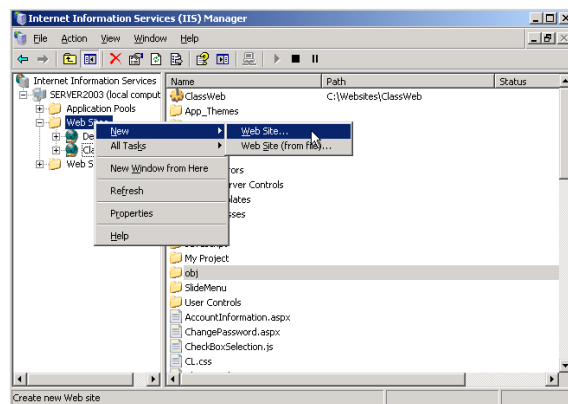
Links Modular Solutions Installation Instructions  
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8. Click OK



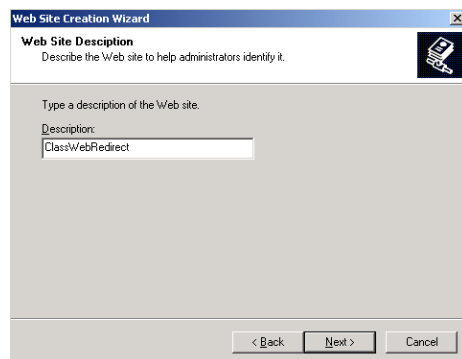
9. Click OK and then OK to close the Properties screen

10. Right-click on Web Sites. Click New > Web Site



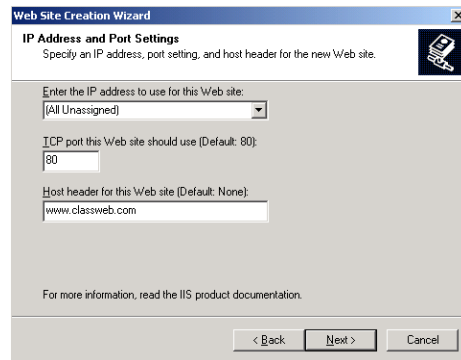
11. The Web Site Creation Wizard will be displayed, click Next

12. In Web Site Description, enter a name for the redirection Web Site e.g. ClassWebRedirect

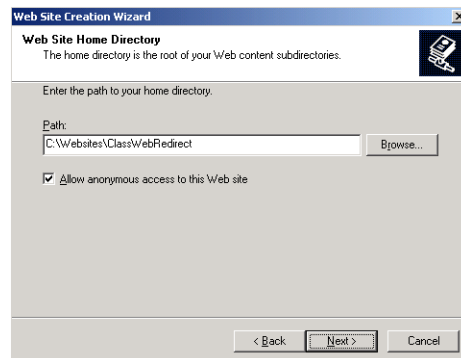


13. Click Next

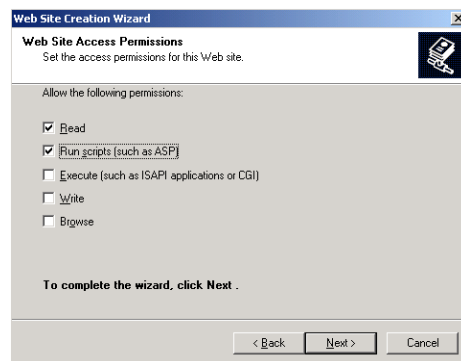
14. Change the Host Header for this Web Site to be the domain you wish to be associated with this website e.g. [www.classweb.com](http://www.classweb.com)



15. Click Next
16. On the Web Site Home Directory page, click Browse and select the blank directory you created earlier e.g. C:\Websites\ClassWebRedirect



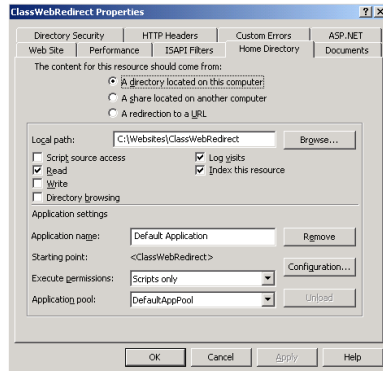
17. Click Next
18. On the Web Site Access Permissions page, ensure Read and Run scripts (such as ASP) are checked



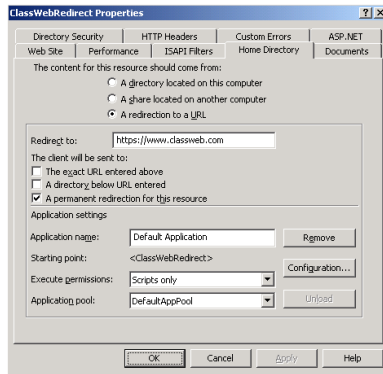
19. Click Next, then Finish
20. Right-click on the newly created Web Site. Click Properties.



21. Click on the Home Directory Tab



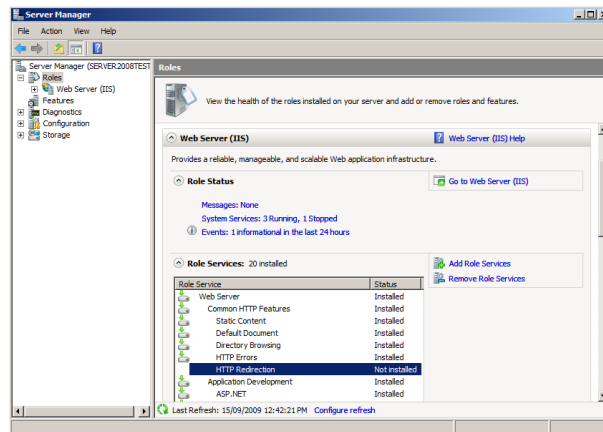
22. Select A Redirection To A URL, and enter https:// and the domain Classweb.link is attached to e.g. <https://www.classweb.com>
23. Check A Permanent Redirection For This Resource



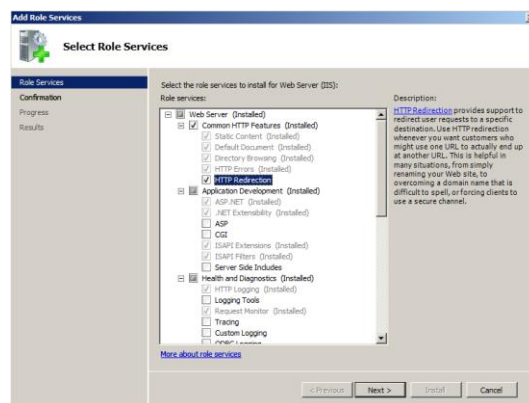
24. Click OK

## Windows Server 2008

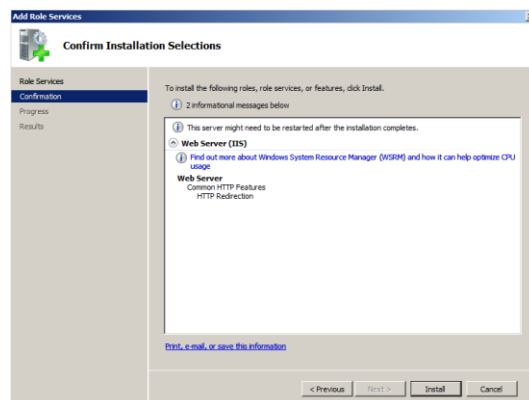
1. Create a new blank folder outside of the Classweb.link directory to act as a placeholder for the redirection website e.g. C:\Websites\ClassWebRedirect
2. Click on Start Menu > All Programs > Administrative Tools > Server Manager
3. Highlight Roles in the list on the left-hand side of the screen
4. Under Web Services (IIS) on the right hand side of the screen, locate HTTP Redirection in the Role Services section



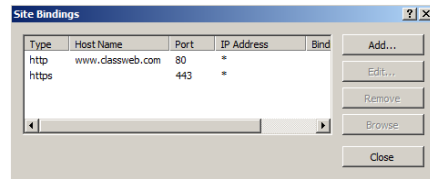
5. If HTTP Redirection is marked as not installed, click Add Role Services. Otherwise skip to Step 10
6. Check HTTP Redirection



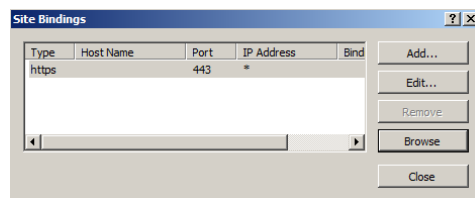
7. Click Next



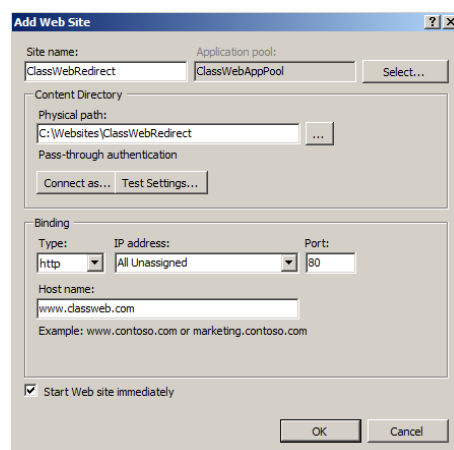
8. Click Install
9. Click Close
10. Close the Server Manager
11. Click on Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager
12. Double click on the entry with the name of the server in the Connections section, and Application Pools and Sites should appear underneath
13. Double-click on Sites
14. Highlight the Web Site configured for ClassWeb.link
15. In the Actions Task Pane, click Bindings



16. Highlight the binding with the type of http and port of 80
17. Click Remove, and click Yes to confirm the removal



18. Click Close
19. Right-click on Sites
20. Click Add Web Site
21. Enter a name for the redirection website, e.g. ClassWebRedirect
22. Select the ClassWebAppPool using the Select button next to Application pool
23. In the binding section, enter the domain that Classweb.link is attached to in the Host Name text box e.g. [www.classweb.com](http://www.classweb.com)

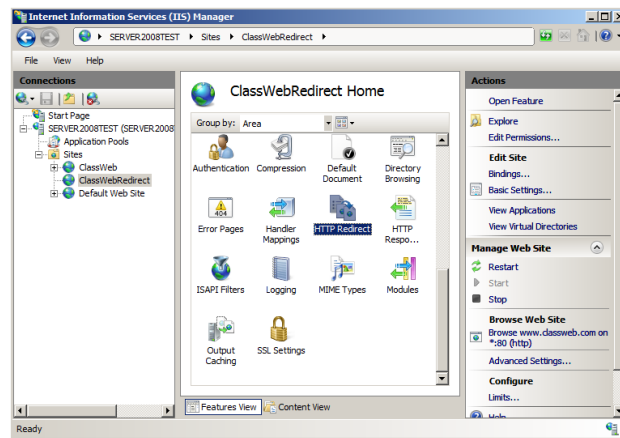


24. Click OK
25. Right-click on Sites
26. Click Refresh. The new Web Site should be now under Sites.
27. Highlight the new Web Site

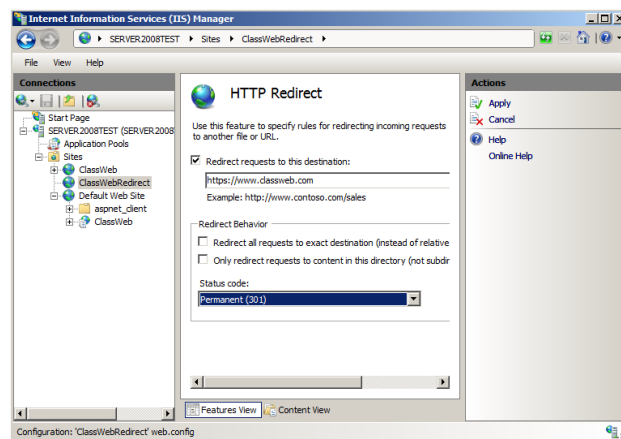
## Advanced ClassWeb.link Installation

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28. Double-click on HTTP Redirect in the centre section of the screen, underneath the IIS Section



29. Check Redirect Requests To This Destination and enter [https://](https://www.classweb.com) and the domain Classweb.link is attached to e.g. <https://www.classweb.com>
30. Under the Redirect Behaviour section, change Status Code to Permanent (301)



31. In the Actions Task Pane, click Apply

### **3.1.5 Configure your Router / Firewall**

To allow the IIS Server to be able to serve pages out to the Internet, you will need to configure your router and firewalls to allow Port 80 and Port 443 traffic to be forwarded through to the IIS machine.

As there are many different brands and models of Routers, Firewalls and other Security Appliances and Applications, providing detailed configuration instructions is beyond the scope of this guide.

It is recommended to consult the relevant documentation of your appliances and software to determine the steps for correctly allowing the Port 80 and Port 443 traffic to pass-through. Also Port Forward ([www.portforward.com](http://www.portforward.com)) can be of assistance in configuring many consumer-grade routers, modems and gateways.

## 4. Customising the website

You are able to create a theme that will be used for your website. To do this you will need HTML/CSS knowledge and we suggest that this is performed by a qualified web designer.

### Information for Web Designers/IT

#### Theme Customisation

The theme information is stored in the program files of the website under the App Themes folder. We suggest that you take a copy of the default folder and rename this. This can then be edited accordingly.

The name of this folder MUST be supplied to the owner of the Links Database so that they can enter this into Admin>Site Menu>Setup Locations/Other Site Parameters in the Web Theme name field

Name	Date modified	Type
Default	8/4/2011 9:29 PM	File Folder
Greytheme	8/4/2011 9:29 PM	File Folder

#### Email Customisation

The emails sent from classweb.link allow for HTML customisation. Like the theme these will need to be created by a qualified web designer.

The HTML pages are located in the Email Templates folder of the website program files

Name	Date modified	Type	Size	Tags
BookingConfirmation	8/17/2009 6:38 PM	HTML Document	1 KB	
ForgottenPassword	5/18/2010 6:47 PM	HTML Document	1 KB	

## 5. Setting up the database

Classweb.link is now installed and it is ready to be configured in Links.

Please note the website will not work until the parameters are setup in the Links Modular Solutions Software.

You will now need to proceed to complete the setup details of which can be found in the [classweb.link User Manual](#)