ediEnterprise
One platform that delivers

ediWebTracker Installation Guide

From the ediEnterprise suite of forwarding and logistics software

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1. EDIWEBTRACKER COMPONENTS OVERVIEW

ediWeb consists of the following components:

- **WebTracker** to track Shipments and Orders. This component is used by clients who need to log into the system using their client code, user name and password. Here they will be able to see all shipments and orders related to them.

- **CFS** to view Container Availability, Fumigation and Sailings. This component doesn't require a login and can be accessed by all users on the Internet, because it doesn't expose any client-specific or sensitive information.

- **Web Services** to provide the WebTracker functionality. Web Services offer much more flexibility than WebTracker itself in terms of web site layout, design and functionality. Web Services allow you to integrate some read-only WebTracker functionality into your current system or web site, present only information you think is relevant, use your own user authentication, create new or hide additional functionality of WebTracker, etc. Typically, you would use either Web Services or WebTracker. Web Tracker offers you standard functionality out of the box, with minimal customisation capabilities (only images, fonts and colours), while Web Services allow you to customise everything, including pages layout, way you present and interpret results, but require development at your end, which implies additional cost on top of ediWeb price paid to a third party.

- **WebPrint** web service that allows remote office printing of documents and reports.

All components are deployed together with your Enterprise updates; however the web server should be configured individually for each of the components. You may choose to configure the individual web site for **WebTracker** and **CFS** or configure one web site and create different virtual directories for **WebTracker** and **CFS**.

The following steps are involved in deploying ediWeb components;

1. Create and configure a folder for ediWeb files on the Web Server.
2. Configure Enterprise so it will automatically update ediWeb after every upgrade.
3. Create virtual directories or applications in IIS on the Web Server for each of the components required.
4. Create login information in Enterprise for components that require login (**WebTracker, WebPrint**).

2. EDIWEBTRACKER REQUIREMENTS

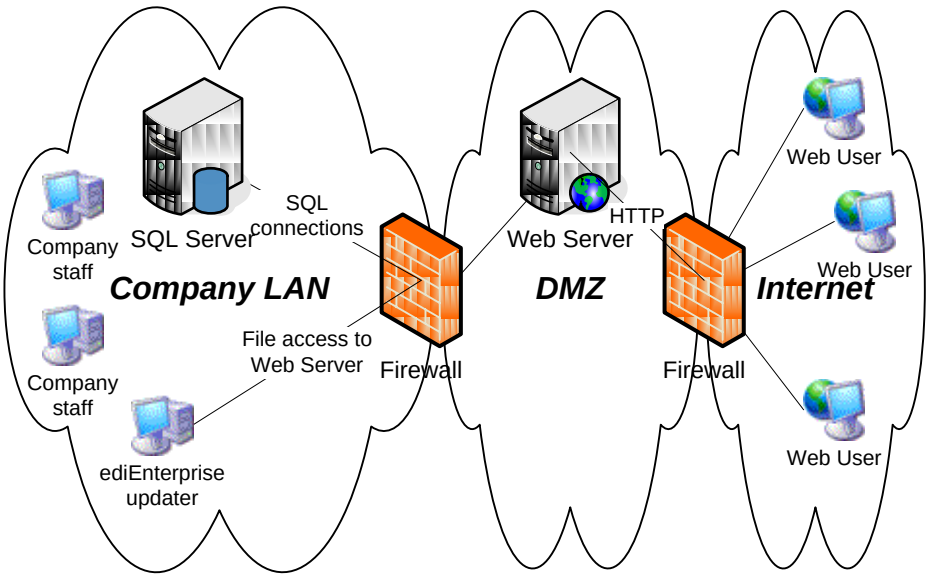
2.1 NETWORKING

ediWeb uses the ediEnterprise database, therefore the web server needs to have access to ediEnterprise DB Server (IP address of DB server and database name will be specified in the web.config file located at individual components of ediWeb).

A high speed (100 Mb or 1 Gb) network connection between Web Server and SQL Database Server is required to provide good performance for all ediWeb components.

The web server should be accessible via the UNC path from ediEnterprise server for the purpose of ediWeb auto-deployment every time Enterprise is being upgraded.

Suggested topology:



This topology is very simplistic and does not contain all details. It reflects the best practice which includes a firewall between the Web Server and the rest of the Company LAN.

It is strongly recommended, for security reasons, that the web server for the network is not the same machine as the domain controller or SQL server. If this is necessary, due to such reasons as resource constraints, appropriate security measures should be undertaken to limit any damage that may occur in the event of the web server being compromised.

2.2 WEB SERVER REQUIREMENTS

The ediWeb system needs to be installed on a web server with Microsoft Windows operating system;

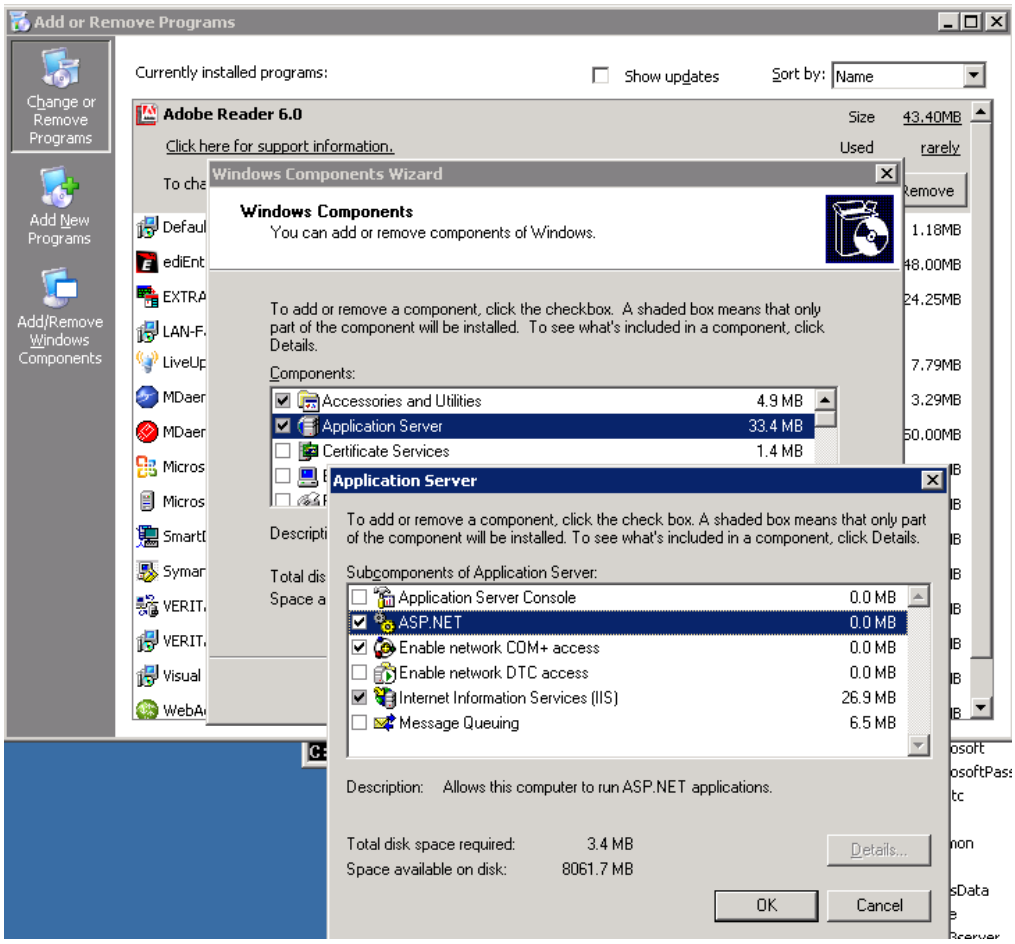
- Windows Server 2003 (Service Pack 2 or later), Windows Server 2008
- Internet Information Server (IIS) version 6.0 or higher
- Microsoft.NET framework 3.5 (Service Pack 1 or later)

Installing ediEnterprise on the Web server before setting up ediWeb is the best method of ensuring that all necessary components, such as .NET Framework version 2.0 with corresponding version of ASP.NET and some special fonts are installed.

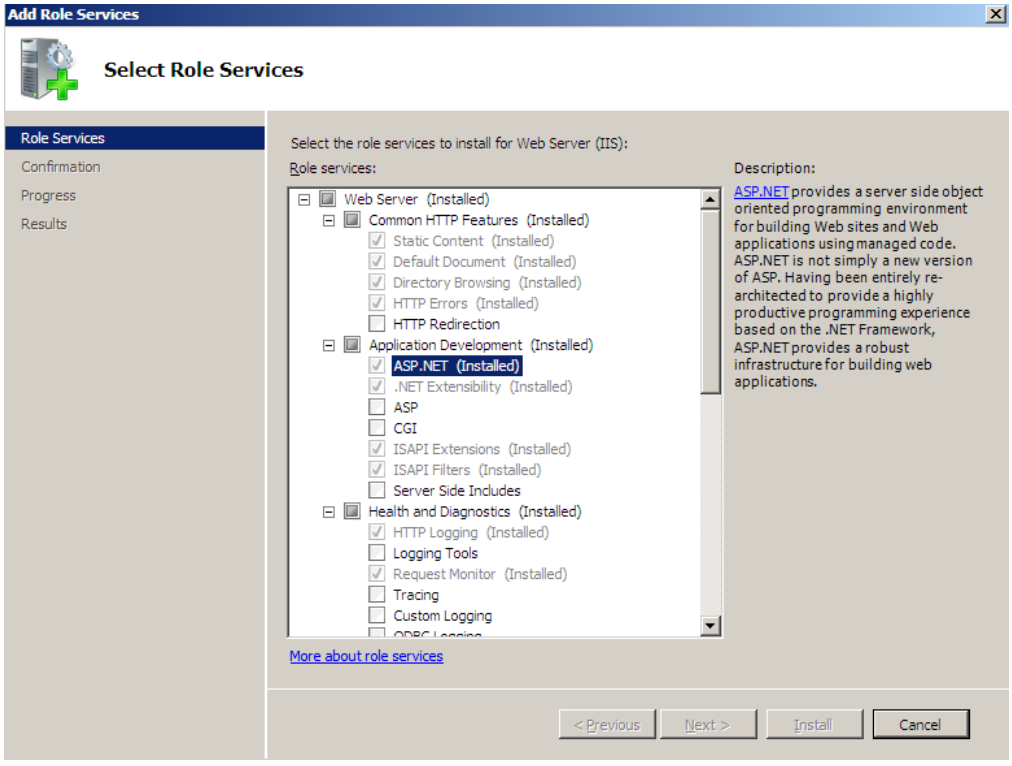
It is assumed that User Access Control is disabled during installation. Please see the following article from Microsoft on UAC: http://technet.microsoft.com/en-us/library/cc709691(WS.10).aspx.

You can determine whether ASP.NET is installed by checking:

Windows Server 2003: Control Panel > Add/Remove Programs > Add/Remove Windows Components > Application Server > ASP.NET

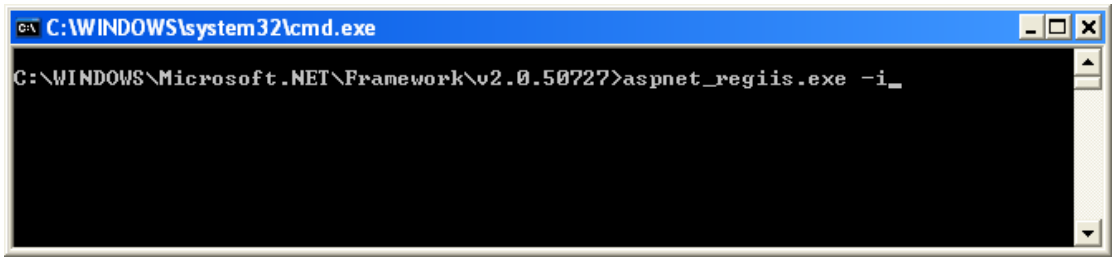


Windows Server 2008: Control Panel > Programs and Features > Turn Windows features on or off > Roles > Web Server (IIS) > Role Services > Add Role Services > ASP.NET



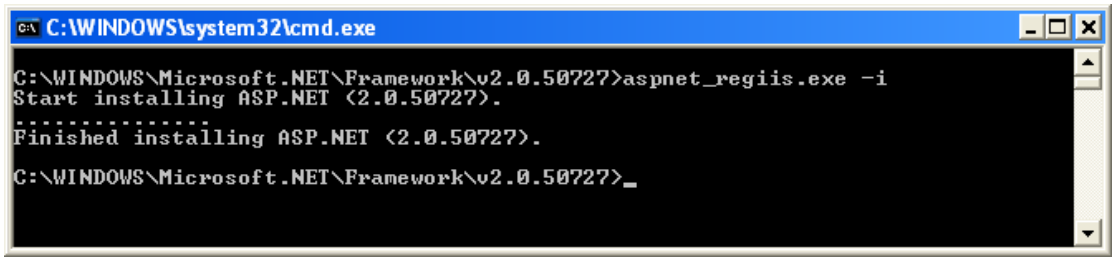
***IMPORTANT**: If you installed Microsoft.NET framework after installing IIS, the ASP.NET engine will be registered automatically during the installation of Microsoft.NET framework.*

However, if you have installed Microsoft.NET framework before the installation of IIS, you need to manually register ASP.NET engine with IIS by running the following command from your Command prompt:

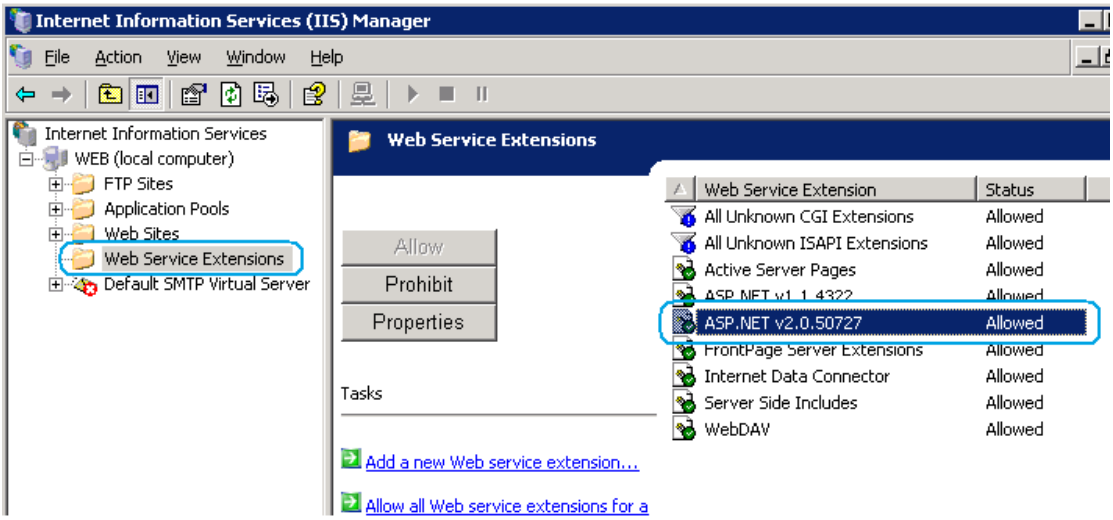


This will register ASP.NET version 2.0 with IIS and will allow running web sites using ASP.NET framework.

Expected output is shown below:



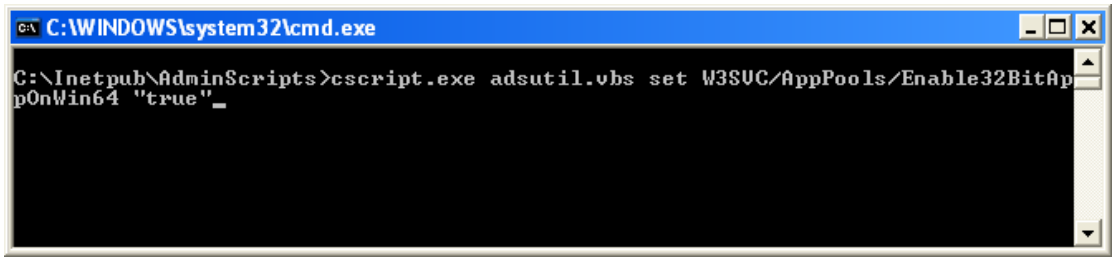
Windows Server 2003 ONLY. Ensure that ASP.NET v2.0.50727 is allowed on your server by granting access under the IIS Web Service Extensions section of Internet Information Services Manager:



If access is prohibited, press the allow button to grant access.

***IMPORTANT:** For 64-bit systems IIS should be configured to create 32-bit worker processes for Web Applications.*

To achieve that, the following command should be run via command prompt from the IIS AdminScripts directory, which is usually located at **C:\Inetpub\AdminScripts**.



For more details regarding running 32-bit ASP.NET applications on 64-bit Windows Server 2003 with IIS 6.0 see the Microsoft TechNet article or Microsoft Knowledge Base article http://support.microsoft.com/kb/894435.

Users of 64-bit Windows Server 2008 may refer to section 4.1.2 for details on how to perform this procedure in that operating system.

3. DEPLOYMENT

3.1 SETTING UP A FOLDER FOR THE EDIWEB COMPONENT

3.1.1 CREATE A FOLDER TO CONTAIN EDIWEB FILES

This folder can be anywhere; however a suitable location is under C:\Inetpub\wwwroot folder on the Web server (default folder for IIS). This is not required though, and administrative policy may determine that the folder is placed on a secondary drive.

Ensure that the disk where this folder is located has sufficient space available. You will need at least 1 GB of free space for performance reasons; it is also advisable to not have the main web server disk utilised over 90% capacity. The web server will also require some temporary disk space when running the web applications.

First, create a folder and name it ediWeb. This will be the root folder where all ediWeb components will be installed. Each ediWeb application resides in its own subfolder:

Forwarding - (e.g. C:\Inetpub\wwwroot\ediWeb\Forwarding) - the WebTracker application and associated Web Services

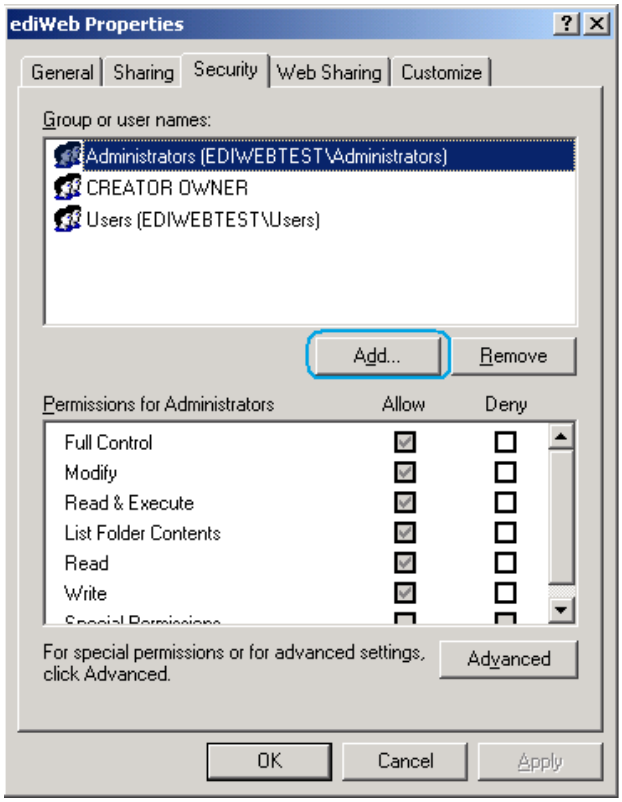
CFS - (e.g. C:\Inetpub\wwwroot\ediWeb\CFS) - the container management application

ediWebPrint - (e.g. C:\Inetpub\wwwroot\ediWeb\ediWebPrint) – the remote office web printing

3.1.2 SET UP PERMISSIONS FOR THE EDIWEB FOLDER

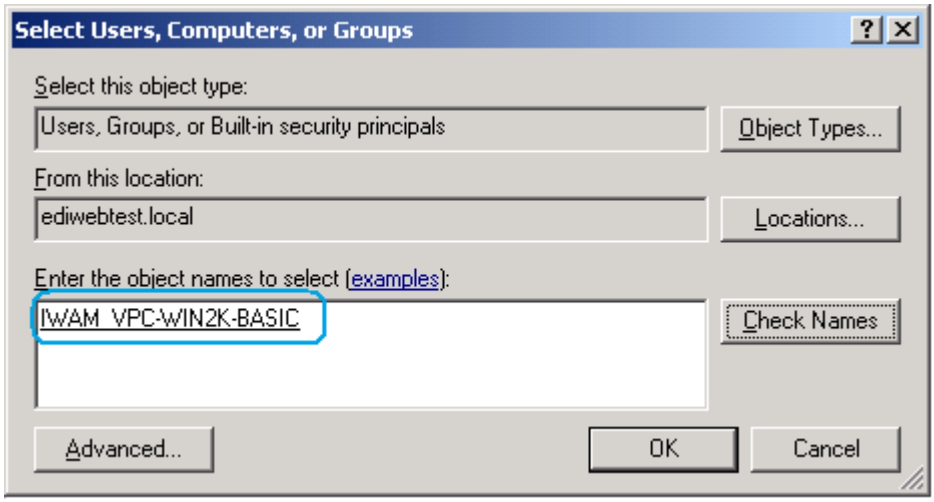
This section applies to Windows Server 2003 ONLY.

Right-click the folder, choose Properties > Security tab



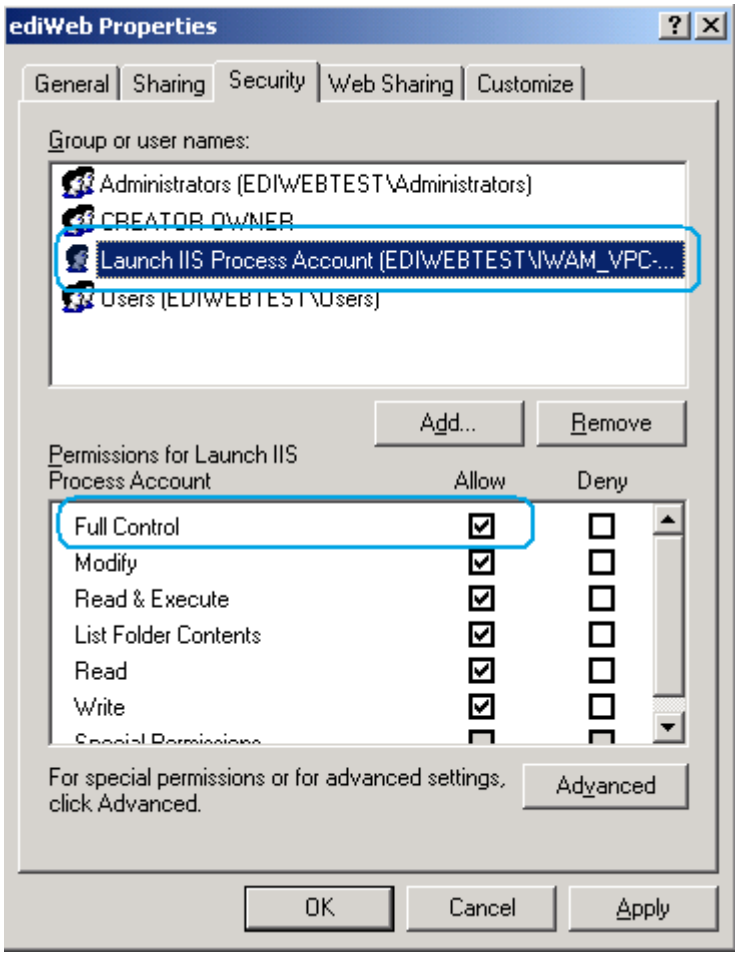
Click the **Add** button and type the Account Name for the IIS Process Account, which is applicable to your operating system, shown in the table below:

Operating system	Account name
Windows 2003 Server	*<MACHINE_NAME>\IIS_WPG*, where *<MACHINE_NAME>* is the computer name
Windows 2003 Server domain controller	*IWAM_<MACHINE_NAME>*, where *<MACHINE_NAME>* is the computer name. This requires setting the identity of the Application Pool. See Section 4.1.5.



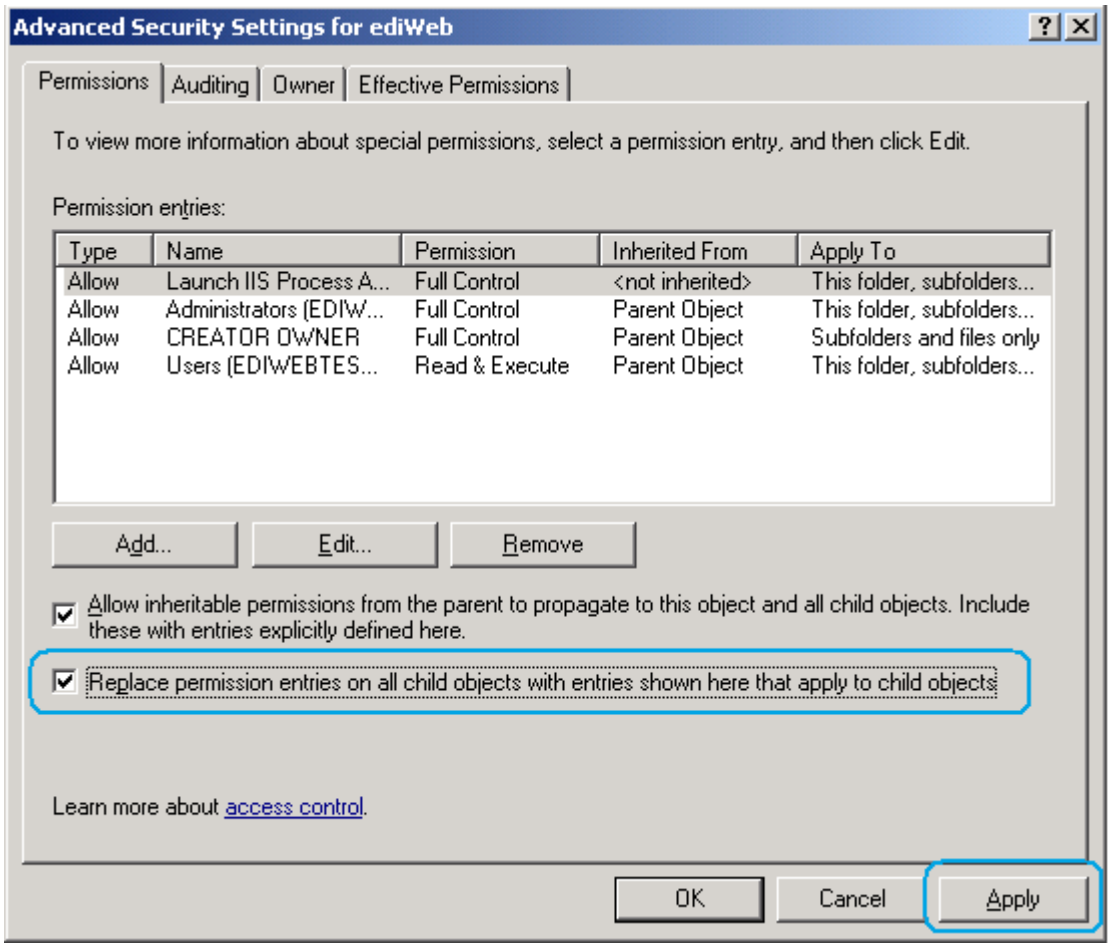
Hit the **OK** button.

In the **ediWeb folder Properties** window grant **Full Control** to the IIS Process Account;

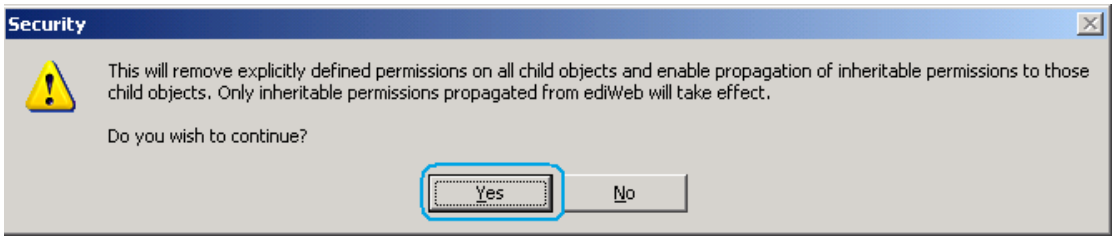


Click on the **Advanced** button and make sure that checkboxes “Inherit from parent the permission entries that apply to child objects etc” and “Replace permission

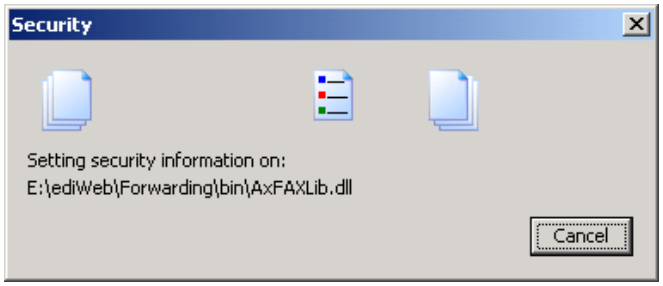
entries on all child objects with entries shown here that apply to child objects “are ticked;



Click Apply, then Yes when presented with the following dialog.



You will see a dialog updating the security settings on all files in the ediWeb directory.



When this has completed, click OK to close any open folder Properties windows.

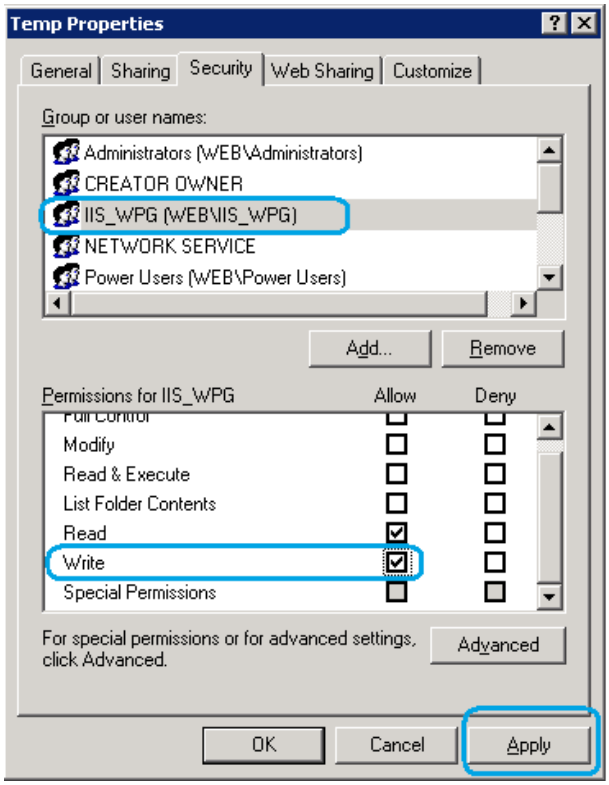
3.1.3 SET UP PERMISSIONS FOR THE WINDOWS TEMPORARY FOLDER

This section applies to Windows Server 2003 ONLY.

The IIS Process Account mentioned above needs to have the **Write** permission on the Windows Temporary folder. Its usual path is C:\WINDOWS\Temp.

This is required because one of the .NET framework components needs to create temporary files in this folder.

Right-click the **Temp** folder, choose **Properties** > Security tab



In the **Temp** folder **Properties** window grant **Write permission** to the IIS Process Account. Click Apply, You **do not need** to replace permission entries on all child objects. Click Ok to close Properties dialog.

3.2 SETTING UP AUTOMATIC UPGRADE OF EDIWEB

Both the ediWeb system and Enterprise need to run the same version. To ensure that this occurs, the ediWeb components are automatically upgraded as part of the Enterprise upgrade process. This is performed after the database upgrade and prior to the user logging in.

To deploy the ediWeb system, the location of the ediWeb root folder needs to be specified in the Enterprise Registry. This will allow the deployment process to determine where to deploy the ediWeb system.

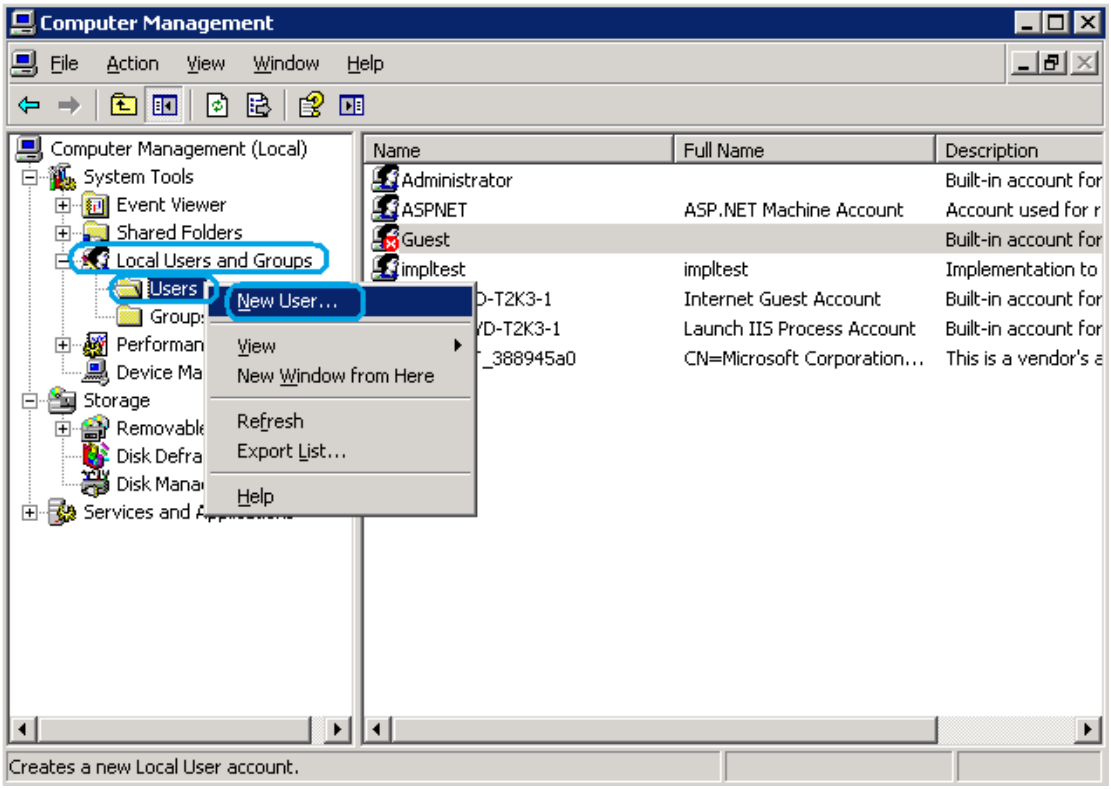
The following steps outline the creation of a shared folder and the Registry settings to specify where the ediWeb components should be deployed.

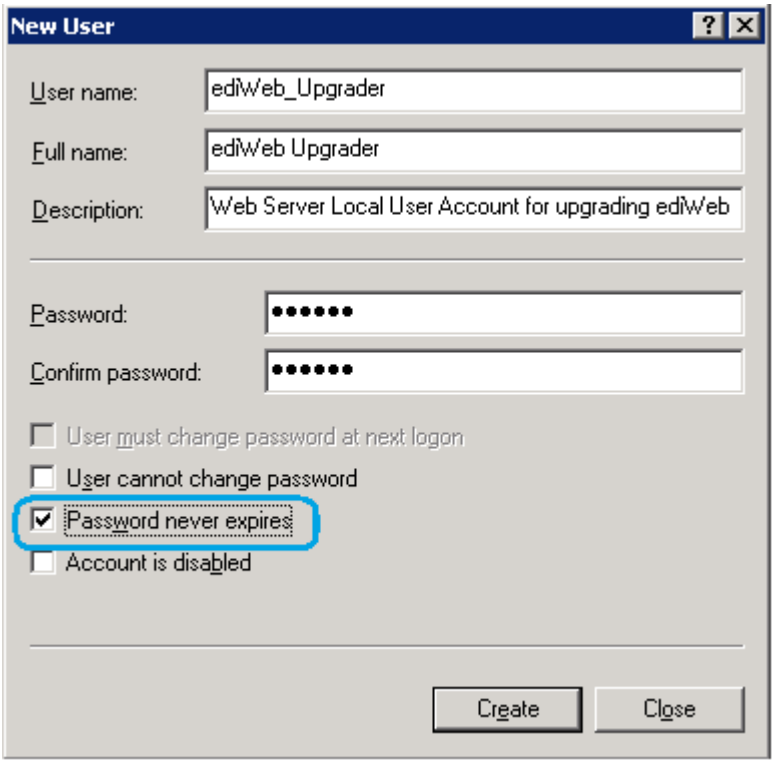
3.2.1 CREATING LOCAL USER ACCOUNT

Any user who is likely to run an upgrade of ediEnterprise will need to have write access to the ediWeb folder. The web components will be deployed automatically, and will require updating of files in this folder. A suitable approach to ensuring the correct access rights are granted is to create a local user and grant it the Full Control permissions to the ediWeb root folder. The user name and password should be set to the Web Admin User Login and Web Admin User Password registry setting.

Using local user account for accessing a shared folder is preferable when the web server is located in DMZ and should not have any references to the Domain Active Directory.

Create a new user in the web server's Computer Management console and name it for example “ediWeb_Upgrader”. Make sure that **Password never expires** is ticked.

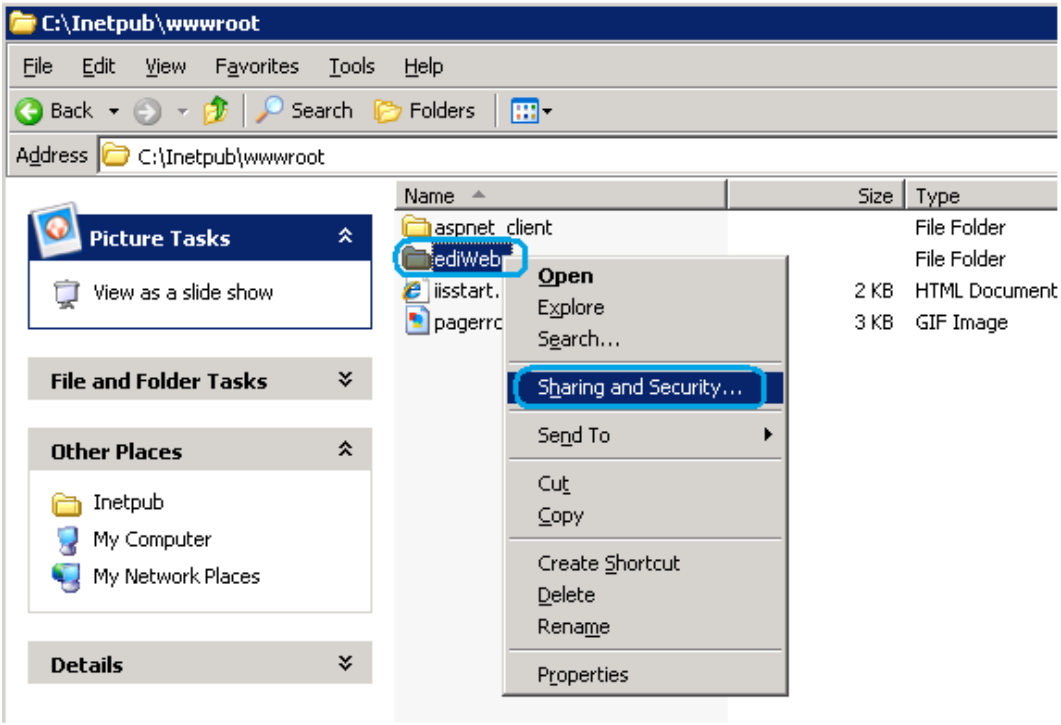

Computer Management
File Action View Window Help
Computer Management (Local)
System Tools
Event Viewer
Shared Folders
Local Users and Groups
Users
Groups
Performan
Device Ma
Storage
Removable
Disk Defra
Disk Mana
Services and A
Name
Full Name
Description
Administrator
Built-in account for
ASPNET
ASP.NET Machine Account
Account used for r
Guest
Built-in account for
impltest
impltest
Implementation to
D-T2K3-1
Internet Guest Account
Built-in account for
VD-T2K3-1
Launch IIS Process Account
Built-in account for
_388945a0
CN=Microsoft Corporation...
This is a vendor's a
New User...
View
New Window from Here
Refresh
Export List...
Help
Creates a new Local User account.


New User
User name:
ediWeb_Upgrader
Full name:
ediWeb Upgrader
Description:
Web Server Local User Account for upgrading ediWeb
Password:
Confirm password:
User must change password at next logon
User cannot change password
Password never expires
Account is disabled
Create
Close

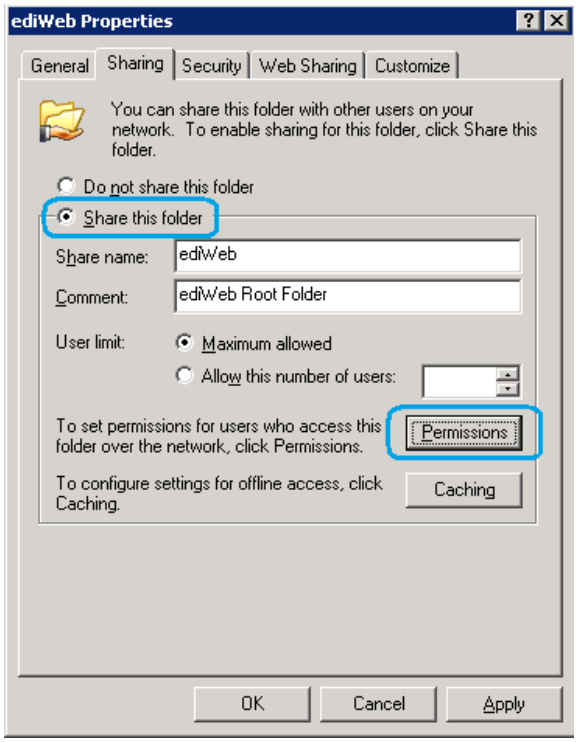
3.2.2 CREATING A SHARE FOR THE EDIWEB FOLDER

Windows Server 2003:

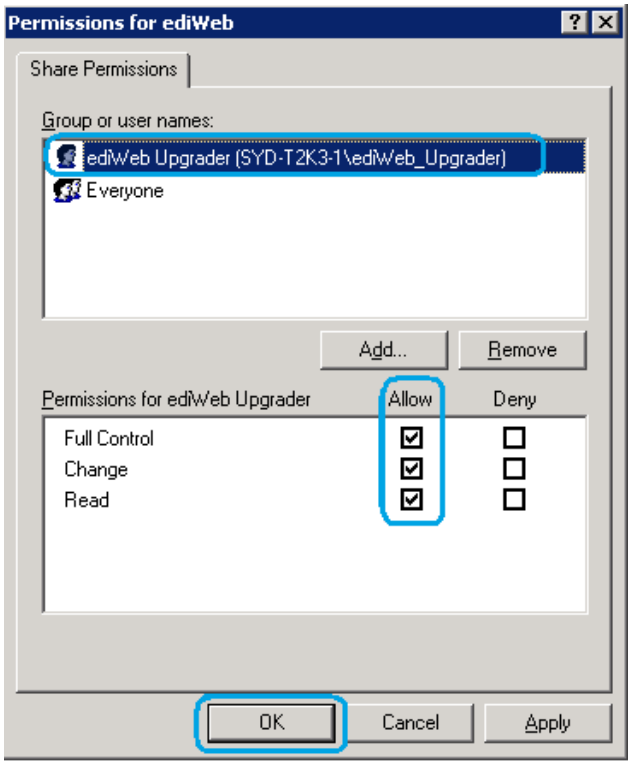
Right-click the ediWeb folder in Windows Explorer and choose **Sharing and Security** from the context menu.



On the Sharing tab, where you need to specify Share name or leave default name **ediWeb**.

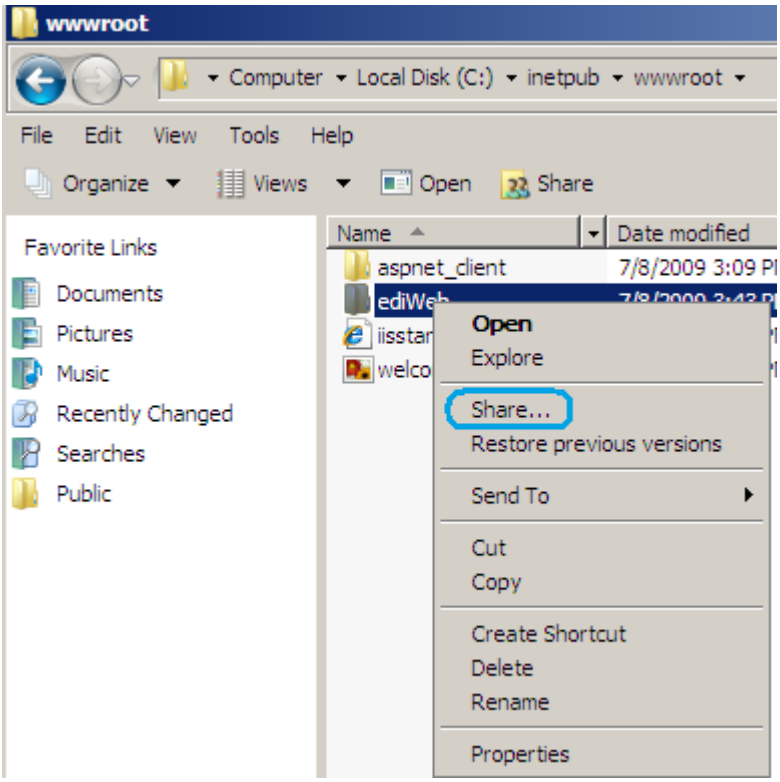


Then click the **Permissions** button and specify Full Control to our ediWeb Upgrader user.

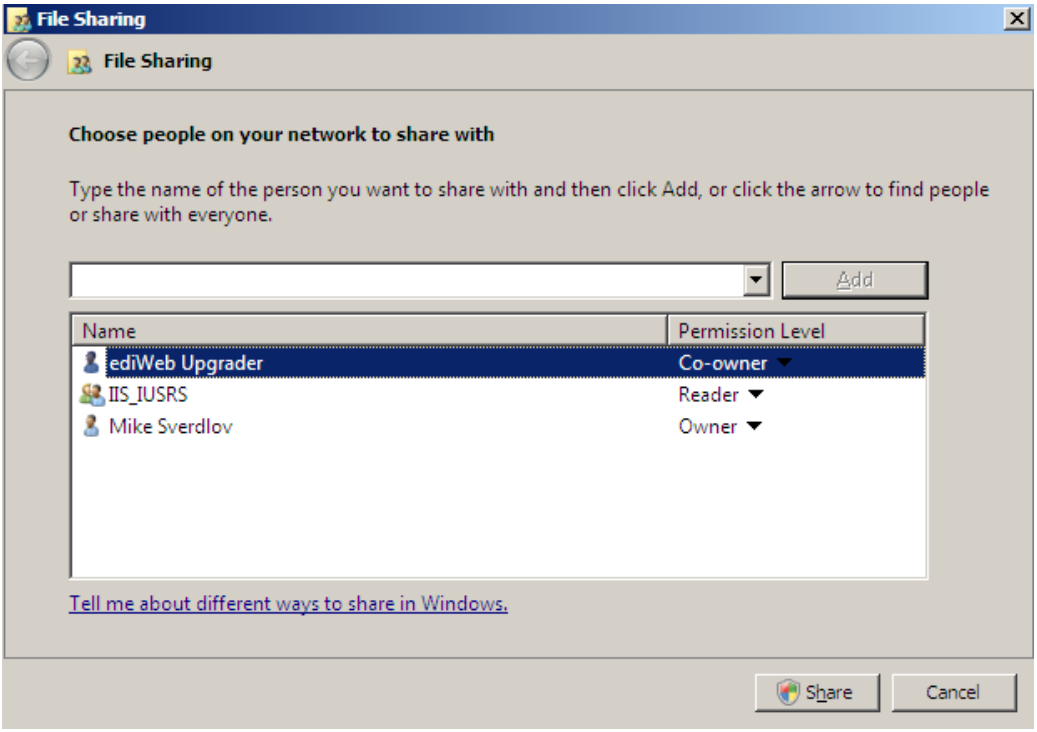


Windows Server 2008:

Right-click the ediWeb folder in Windows Explorer and choose Share from the context menu.



In the **File Sharing** dialog, enter the name of the upgrader user (e.g. ediWeb_Upgrader) and hit Add. Then change Permission Level to Co-owner.

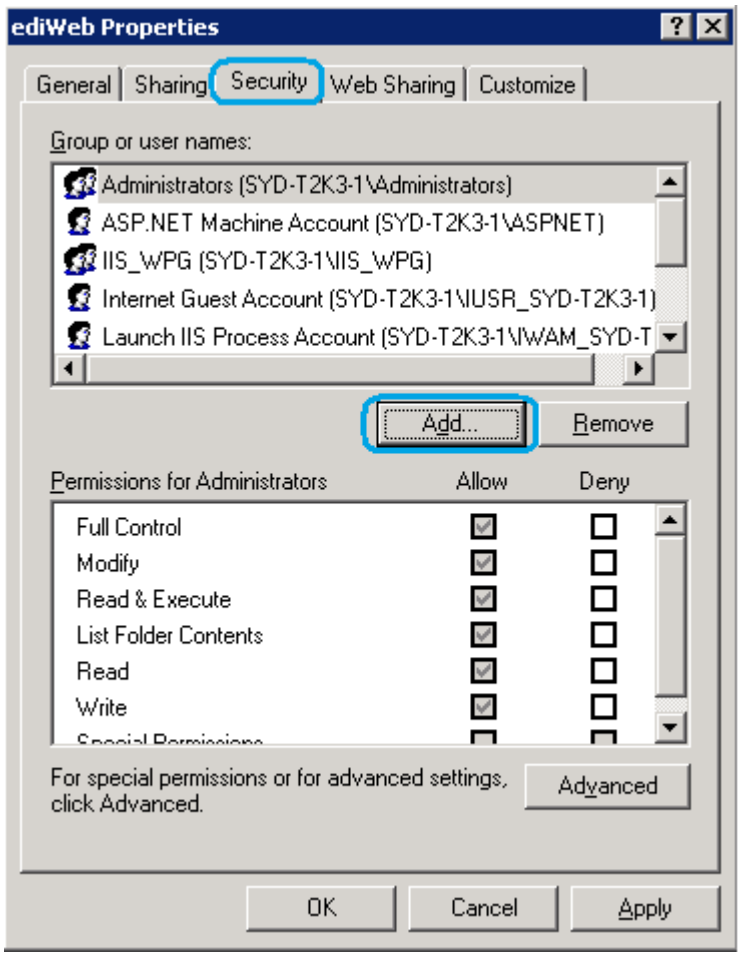


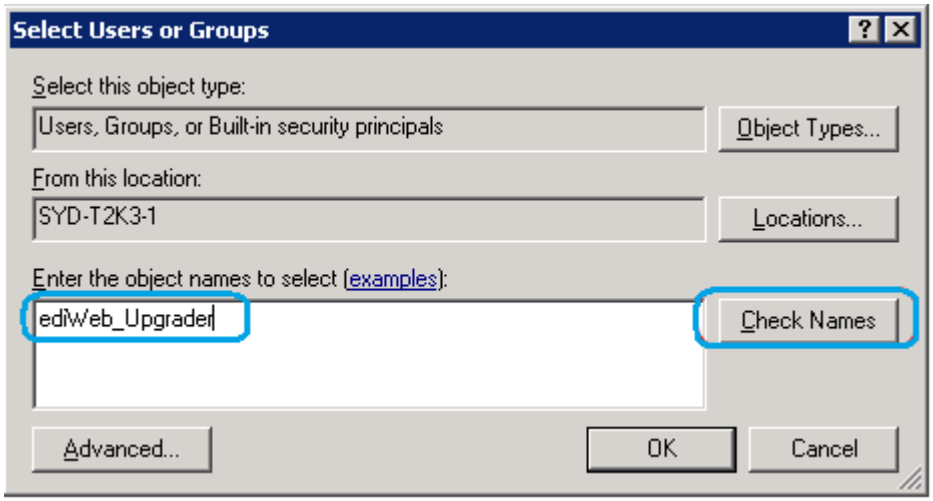
Click Share to complete operation.

3.2.3 SETTING UP PERMISSIONS FOR EDIWEB UPGRADER

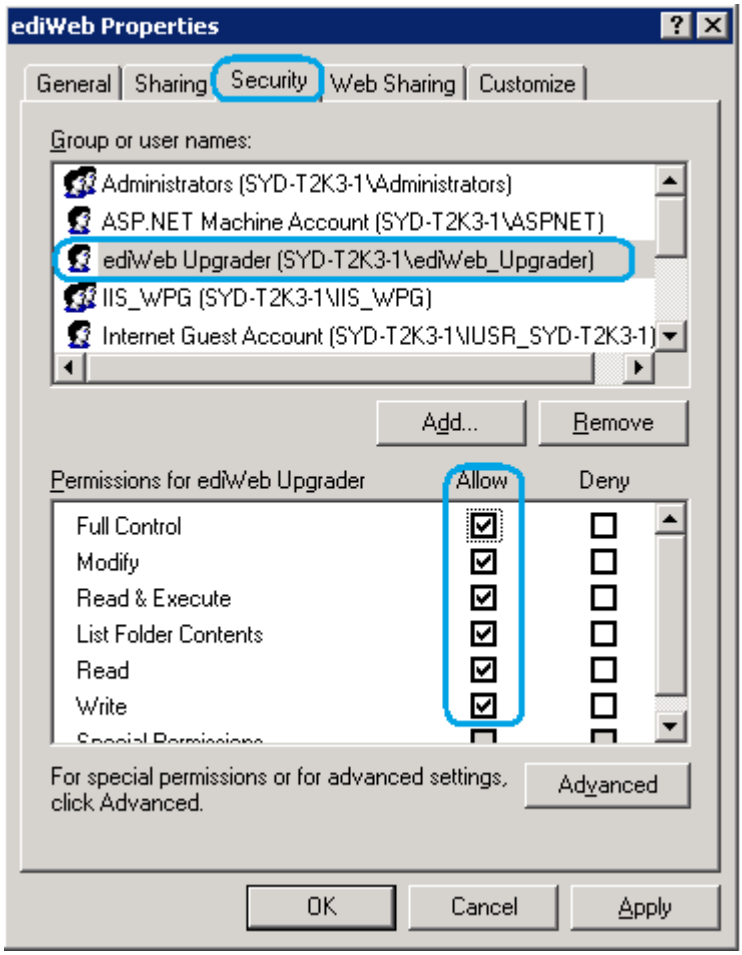
This section applies to Windows Server 2003 ONLY.

Right click on the ediWeb folder and select Properties, then select the Security tab. Click Add button to add ediWeb Upgrader user.



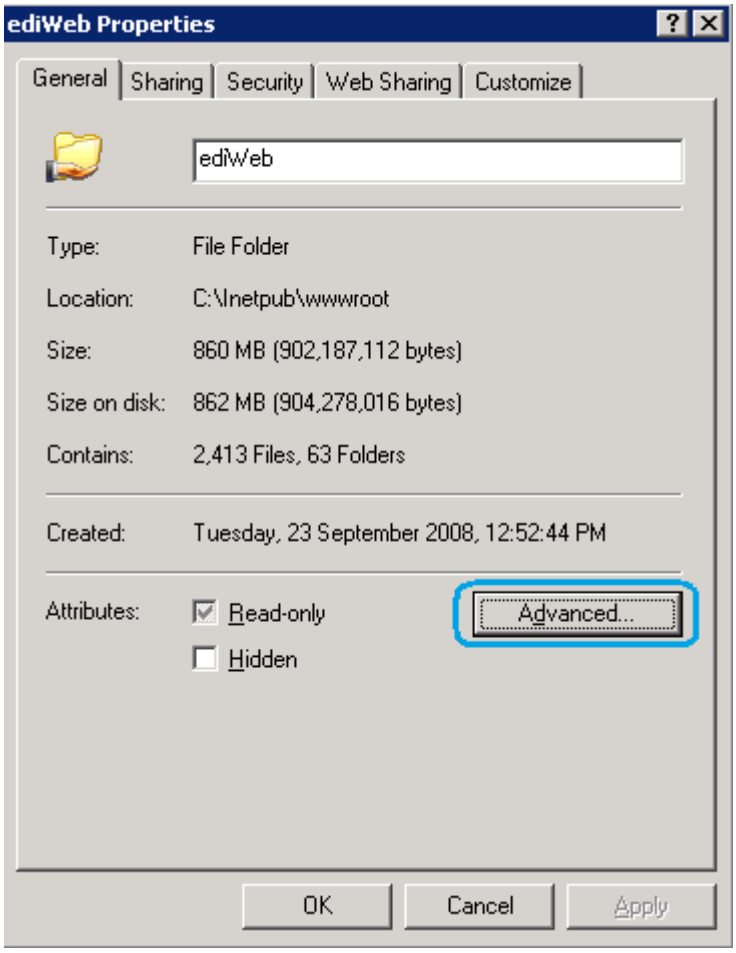


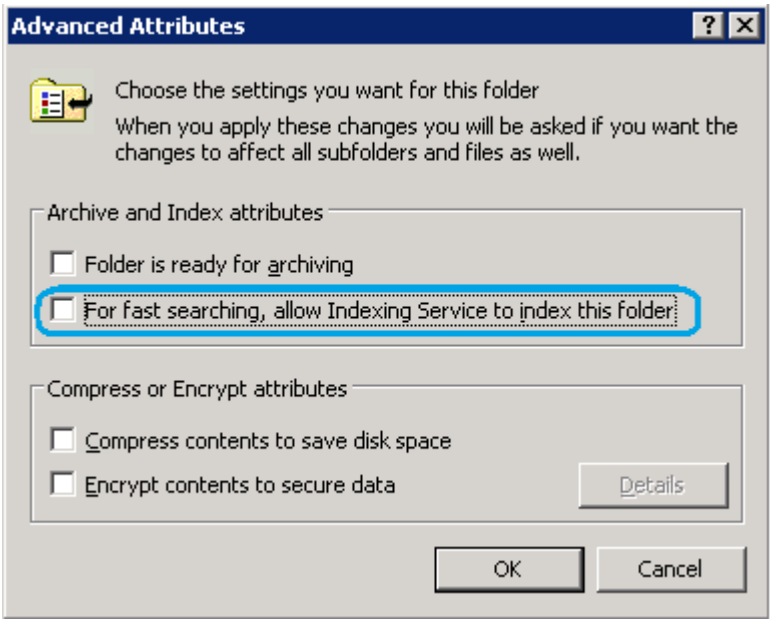
Give Full Control permissions to the ediWeb Upgrader user.



3.2.4 TURNING OFF INDEXING SERVICE ON THE EDIWEB FOLDER

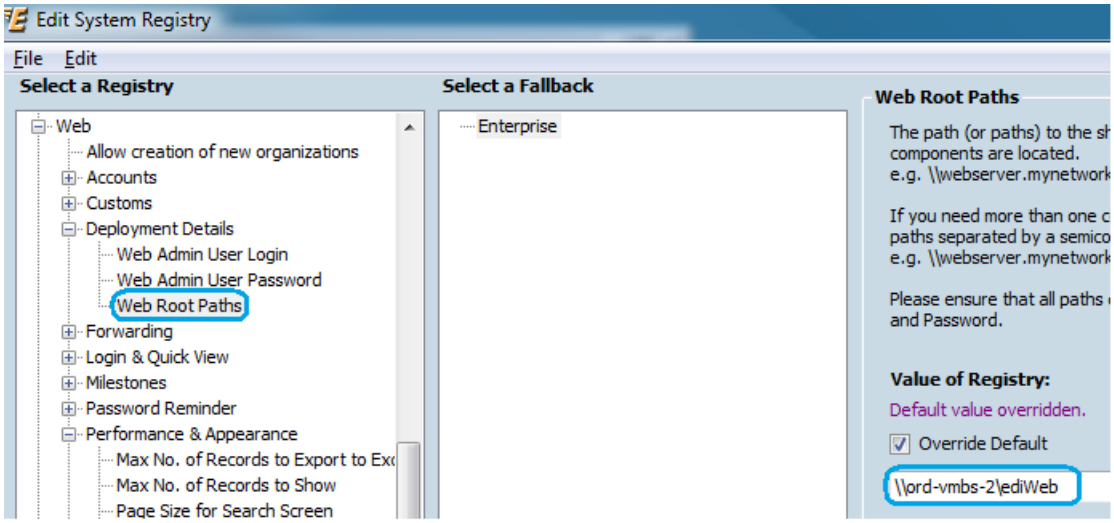
It's important to turn off Indexing Service on this folder in order to prevent file locking occurring between ASP.NET and the Microsoft Indexing Service.




Advanced Attributes
Choose the settings you want for this folder
When you apply these changes you will be asked if you want the changes to affect all subfolders and files as well.
Archive and Index attributes
Folder is ready for archiving
For fast searching, allow Indexing Service to index this folder
Compress or Encrypt attributes
Compress contents to save disk space
Encrypt contents to secure data
Details
OK
Cancel

3.2.5 ENTERPRISE SETTINGS FOR AUTOMATIC UPDATE

Run Enterprise, and navigate to Admin > System > Registry > Web > Deployment Details and set the following properties:

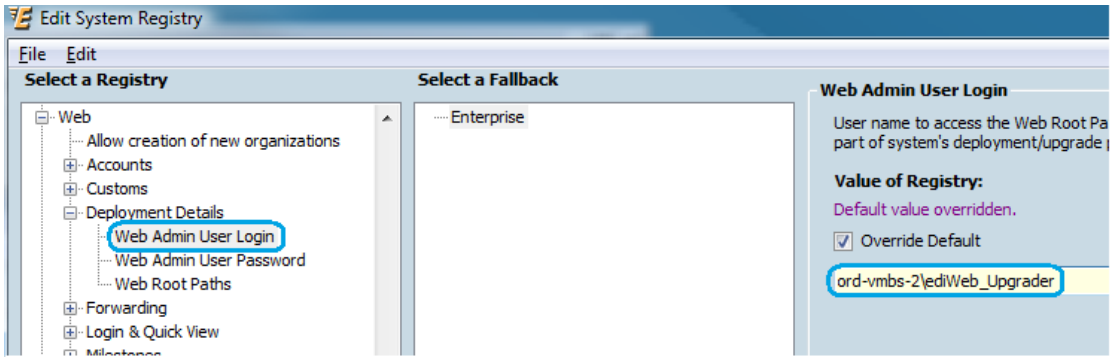


Web Root Paths – the path to the web server folder where ediWeb components need to be stored. In most cases, this should be a UNC path: something like \\webservername\ediWeb. If you have multiple web servers, you can specify more than one web root path by separating paths with a semicolon: \\server1\ediWeb;\\server2\ediWeb.

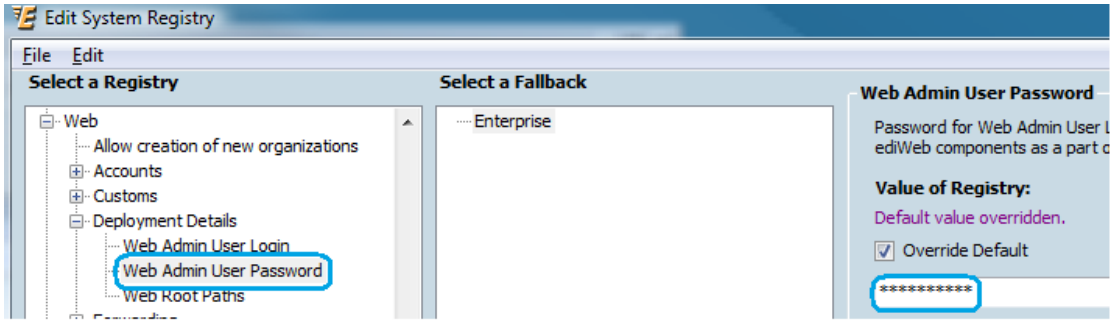
If you created a user account to access the file ediWeb share you should specify the user and password in the following registry keys:

Web Admin User Login and Web Admin User Password

The web admin user login should include computer or domain name, such as computer\john.smith or john.smith@domain.



Do not forget to enter a valid user password.

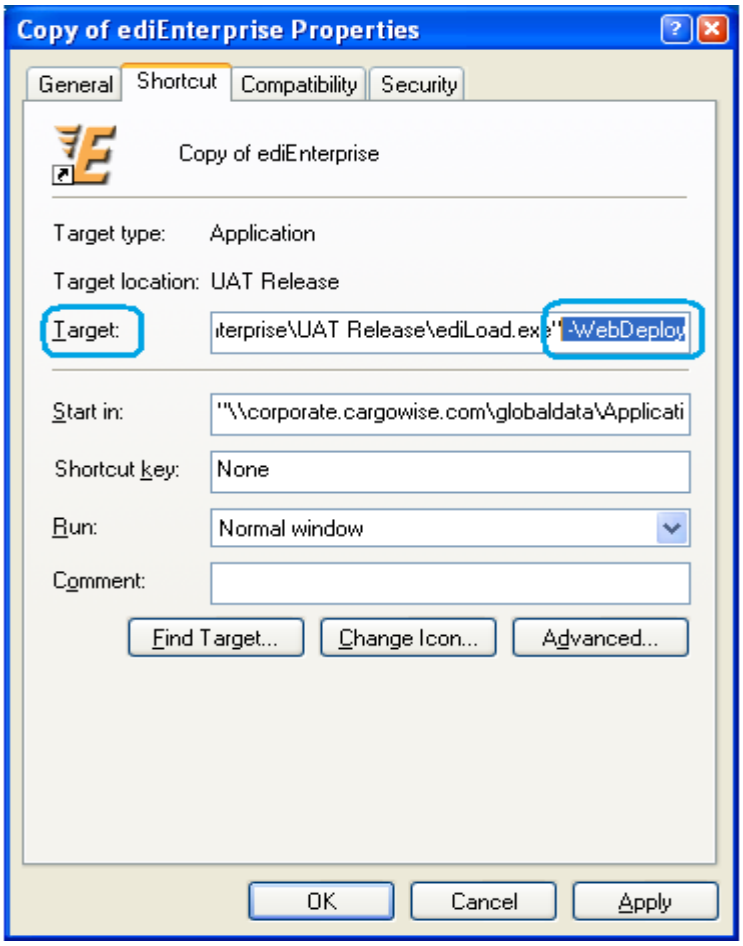


3.3 INSTALLING EDIWEB APPLICATION INTO THE WEB SERVER SHARED FOLDER

Run Enterprise and Log in as **sysadmin**. Since the WebRootPath is set up in the Registry already, at this point Enterprise will copy all necessary files onto the web server. The copy process will be indicated by a splash screen “Deploying ediWeb components”. As soon as the splash screen disappears and no errors are being displayed, ediWeb components are deployed. Configuration of a web server is required in order to use the application.

If you need to force re-deploying your web components (e.g. to move it to a different web server) you should run ediEnterprise with **–WebDeploy** command line parameter.

The easiest way to do it is to copy ediEnterprise Shortcut, open its Properties and add **–WebDeploy** at the end of **Target** text and click **Apply**.



When you run this shortcut the Web Deployment will start. Only the web part of system will be affected by this process. It will be unavailable until the end of deployment.

4. CONFIGURATION OF THE WEB SERVER

The ediWeb system consists of a number of components. Currently CargoWise ships **WebTracker** and **CFS**.

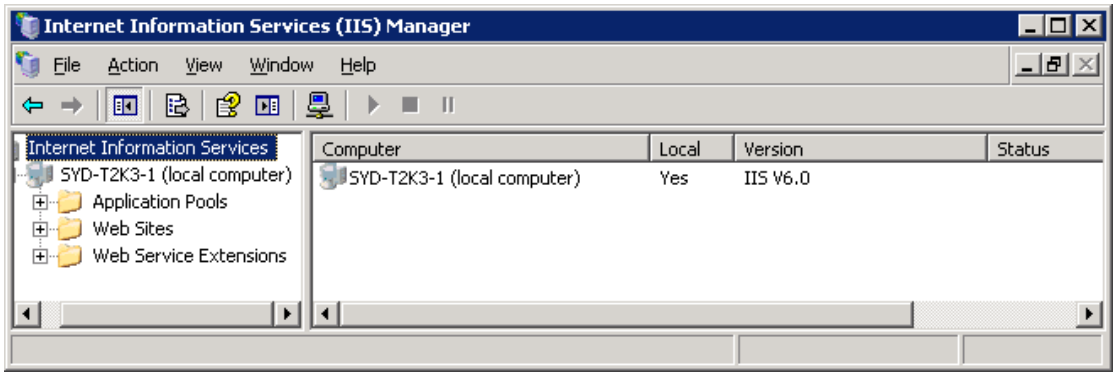
Due to business requirements, server set up, etc, the web server configuration may vary and has to be performed by a skilled professional.

This document assumes that you create virtual directories or applications for each of the **ediWeb** components.

4.1 IIS CONFIGURATION FOR WEBTRACKER

4.1.1 RUN IIS MANAGEMENT CONSOLE

Click the Start button > Control Panel > Administrative tools > Internet Information Services

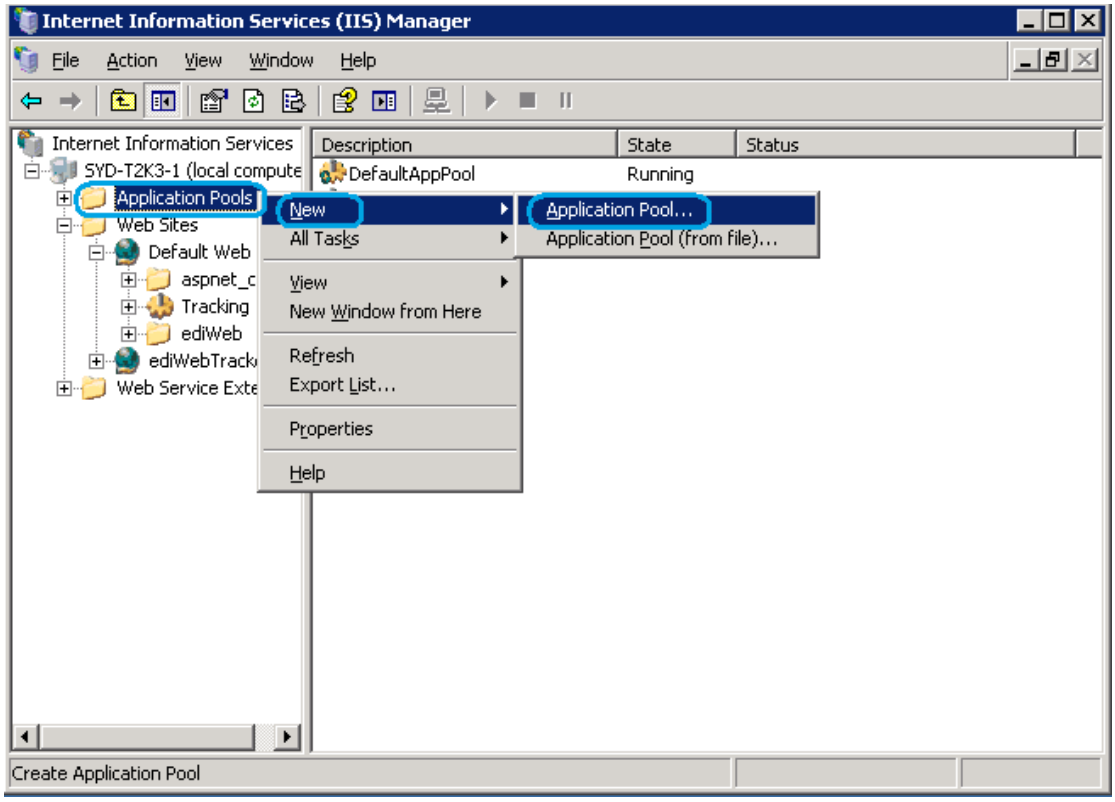


4.1.2 CREATE A NEW APPLICATION POOL

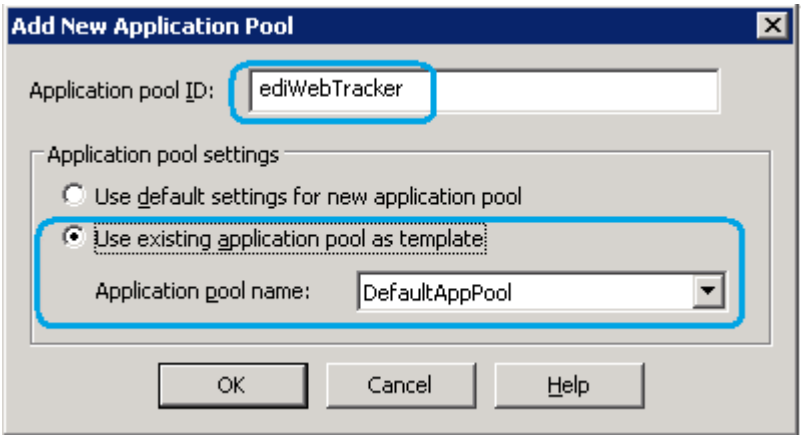
We recommend creating a new application pool to host every ediWeb application. Using dedicated application pool can improve a web application performance and reliability of your web server.

Windows Server 2003:

To create a new Application Pool, right click on “Application Pools” in the IIS management console then select “New” -> “Application Pool…”

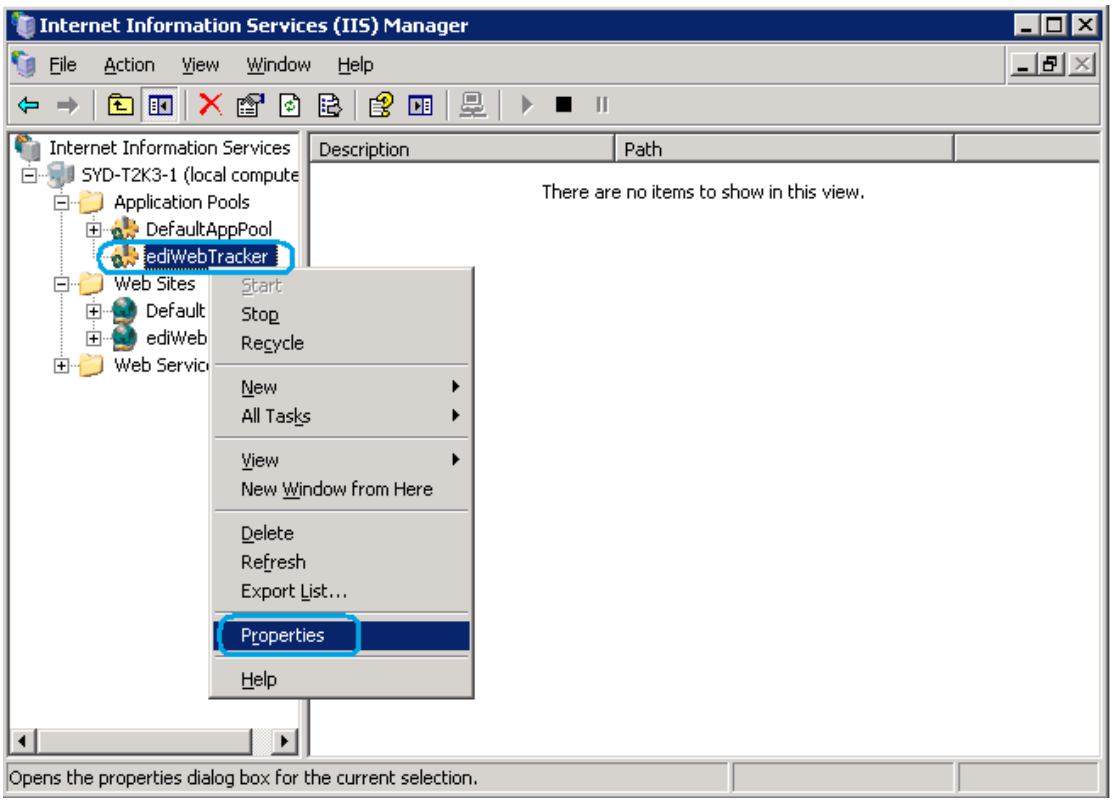


Give a unique name for the new application pool, for example "ediWebTracker", and select “DefaultAppPool” from the list as the existing application pool to use as a template.

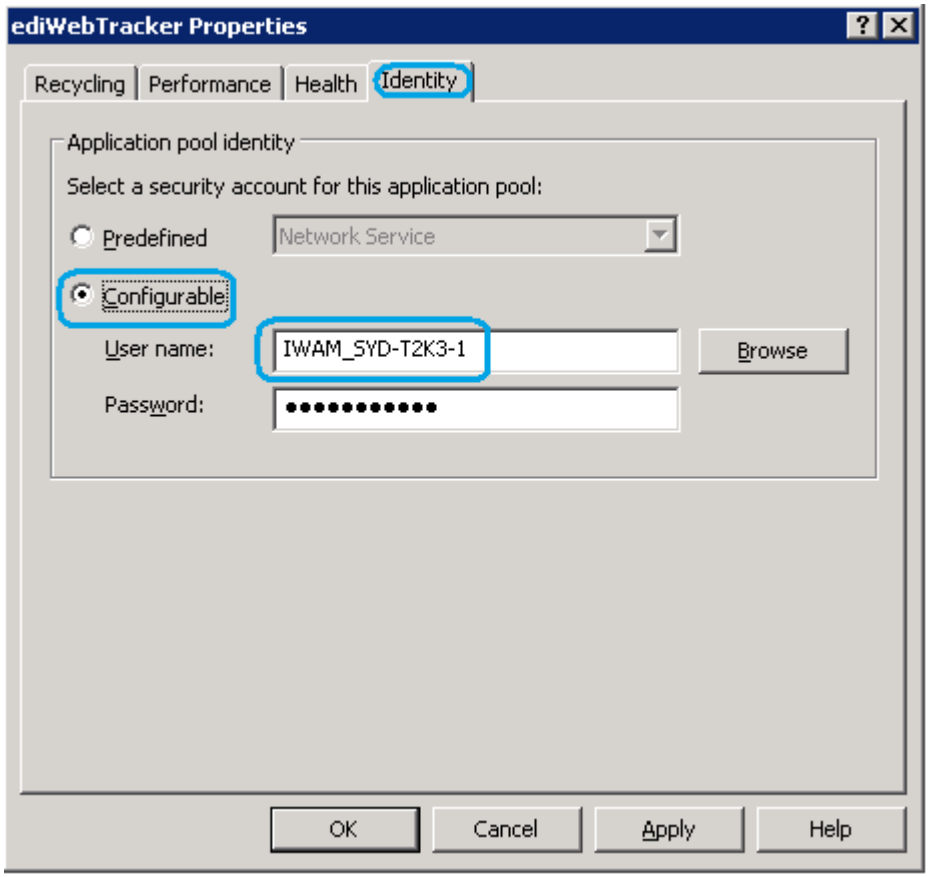


Click Ok and your new Application Pool will appear on the list of Application Pools in the IIS management consol.

If the web server is also a domain controller, you should specify the identity under which the web applications will run. To do this, right click on the new ediWebTracker application pool and select Properties.

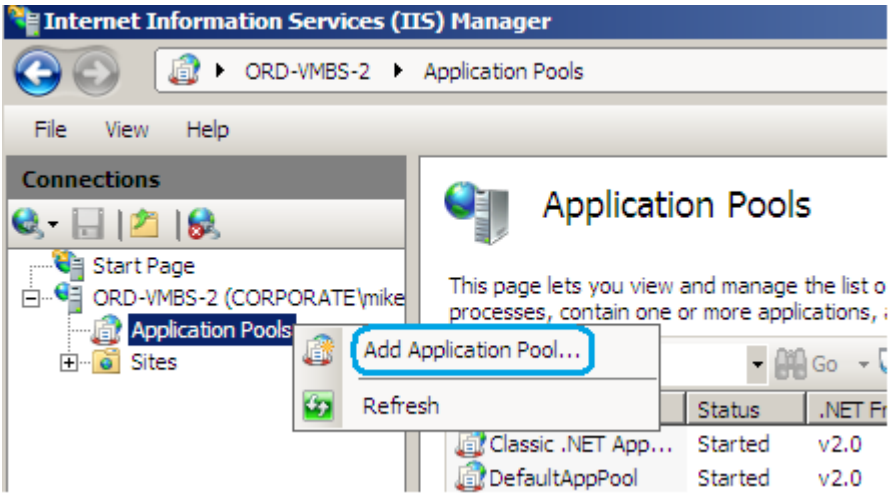


Click on the Identity tab and then select “Configurable”. The account “IWAM_<MACHINENAME>” should appear in the username field with the automatic password. Click OK. This account should have been added to the ediWeb folder security in Section 3.1.2.

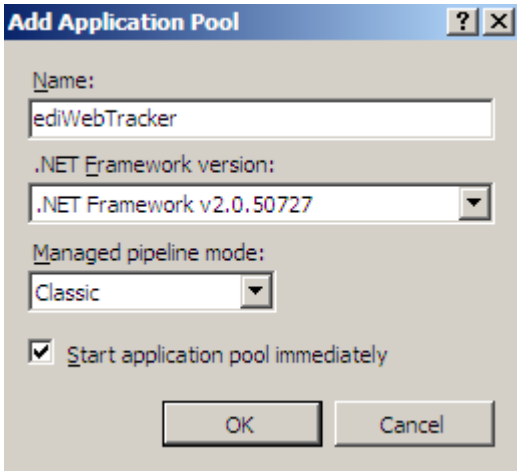


Windows Server 2008:

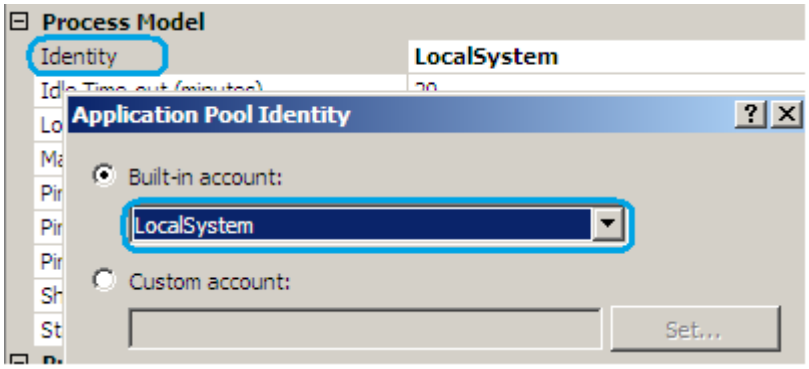
To create a new Application Pool, right-click on "Application Pools" in the IIS Manager and select "Add Application Pool...":



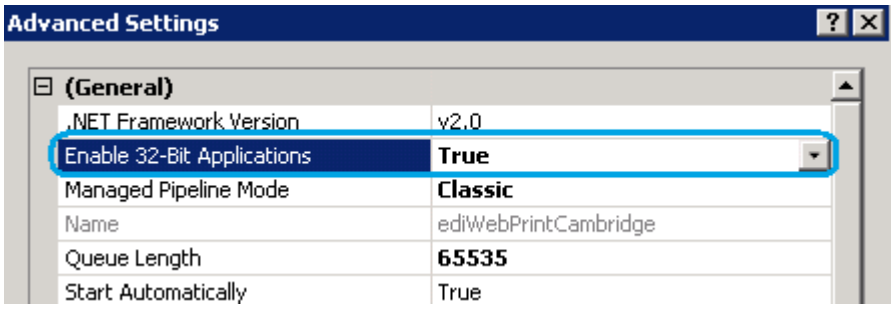
Give it a unique name and be sure to select "Classic" in the "Managed pipeline mode" drop-down:



After clicking OK, select the new application pool from the list and click on "Advanced Settings...". Under "Identity", click on the ellipses and select **LocalSystem** from the list of accounts.



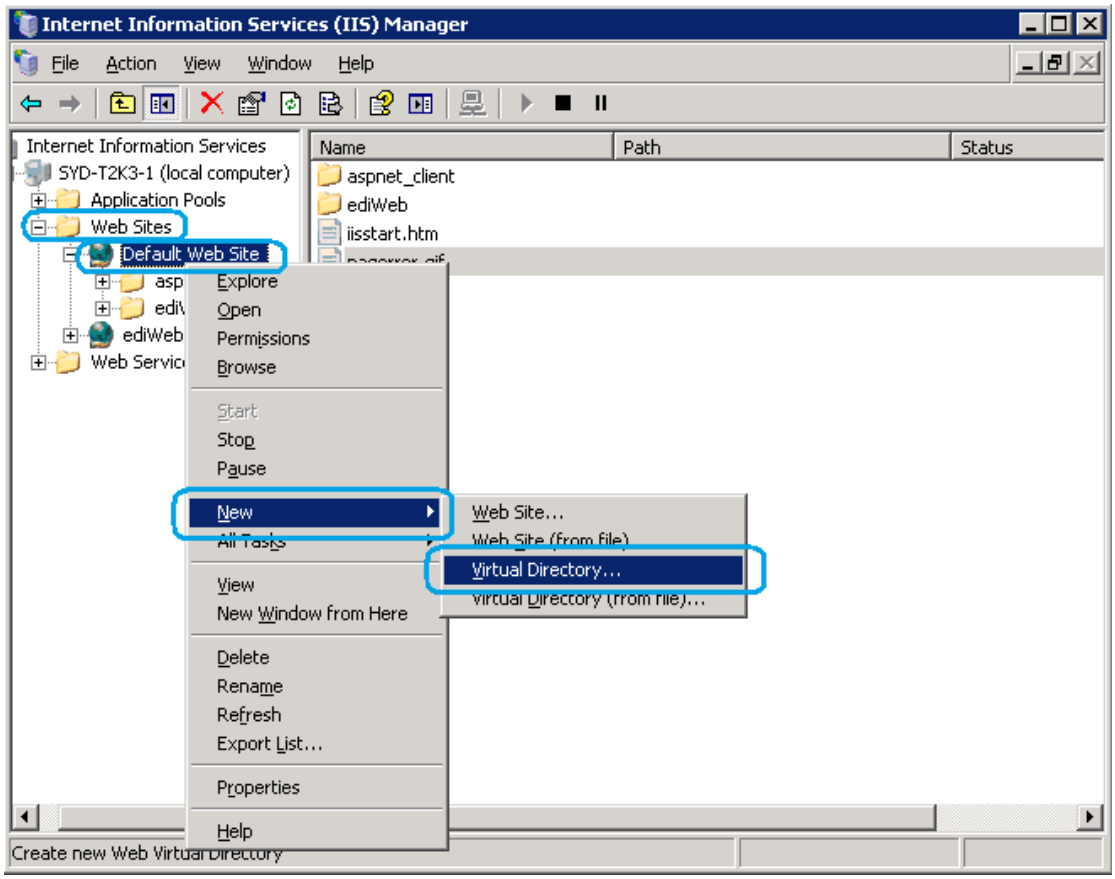
If running a 64-bit operating system, also Enable 32-Bit Applications:



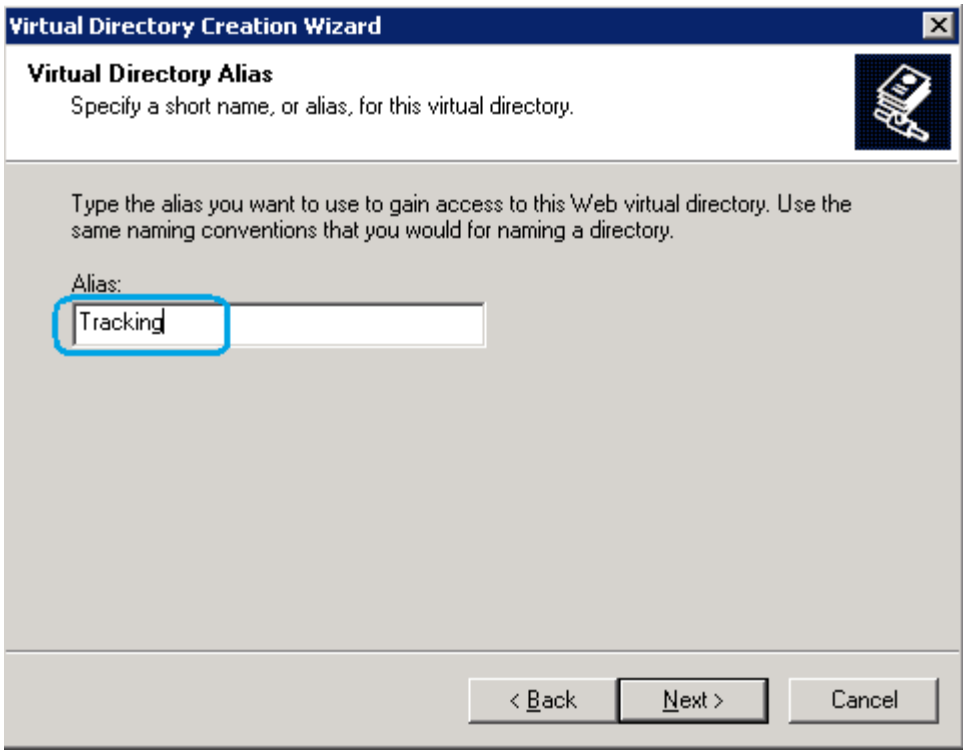
4.1.3 CREATE VIRTUAL DIRECTORY OR APPLICATION

Windows Server 2003:

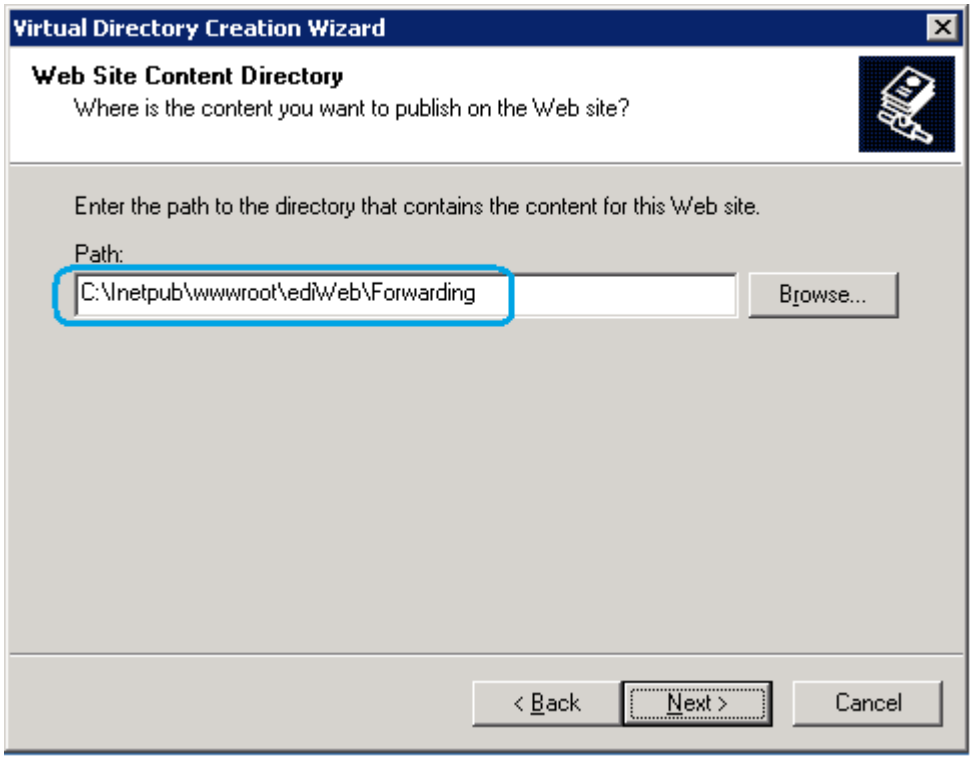
If you wish to include the ediWeb applications within your existing web site, the first step is to create a virtual directory for the existing Web Site. You should click right mouse button on your existing web site that usually is the “Default web site” then select “New” -> “Virtual Directory…”



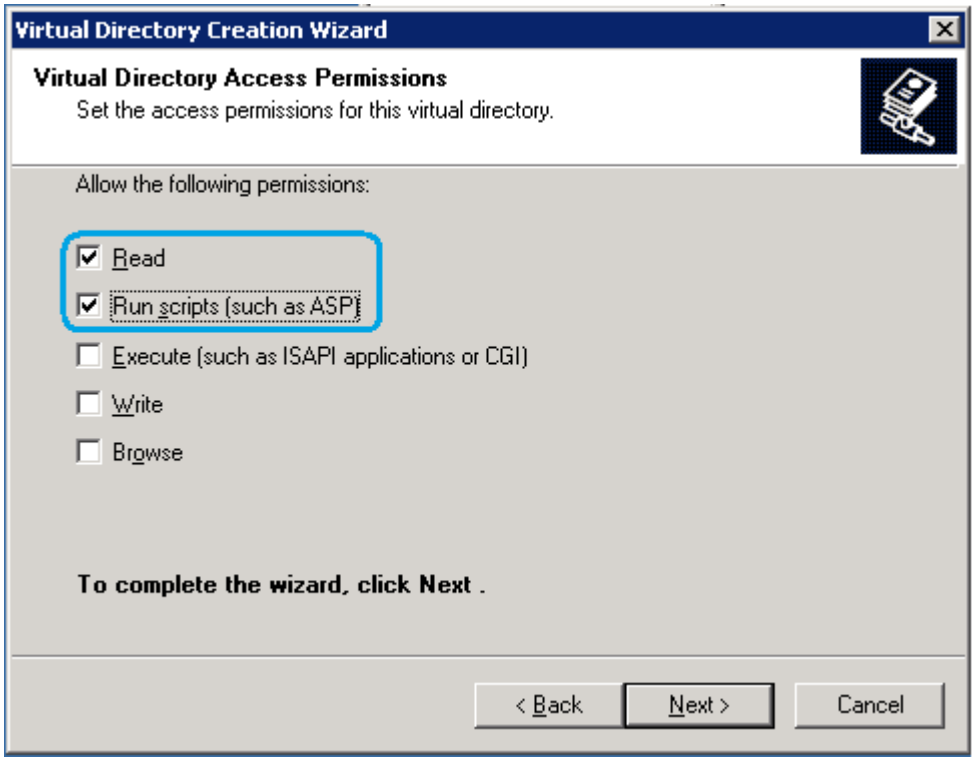
Click Next when presented with the “Virtual Directory Creation Wizard” welcome dialog, then enter name of the virtual directory, for example, "Tracking".



Click Next, then enter the location of the folder setup in Section 3.1. For ediWebTracker the path will be the “Forwarding” folder as shown below.



Click Next, leave default options on the Content directory page.

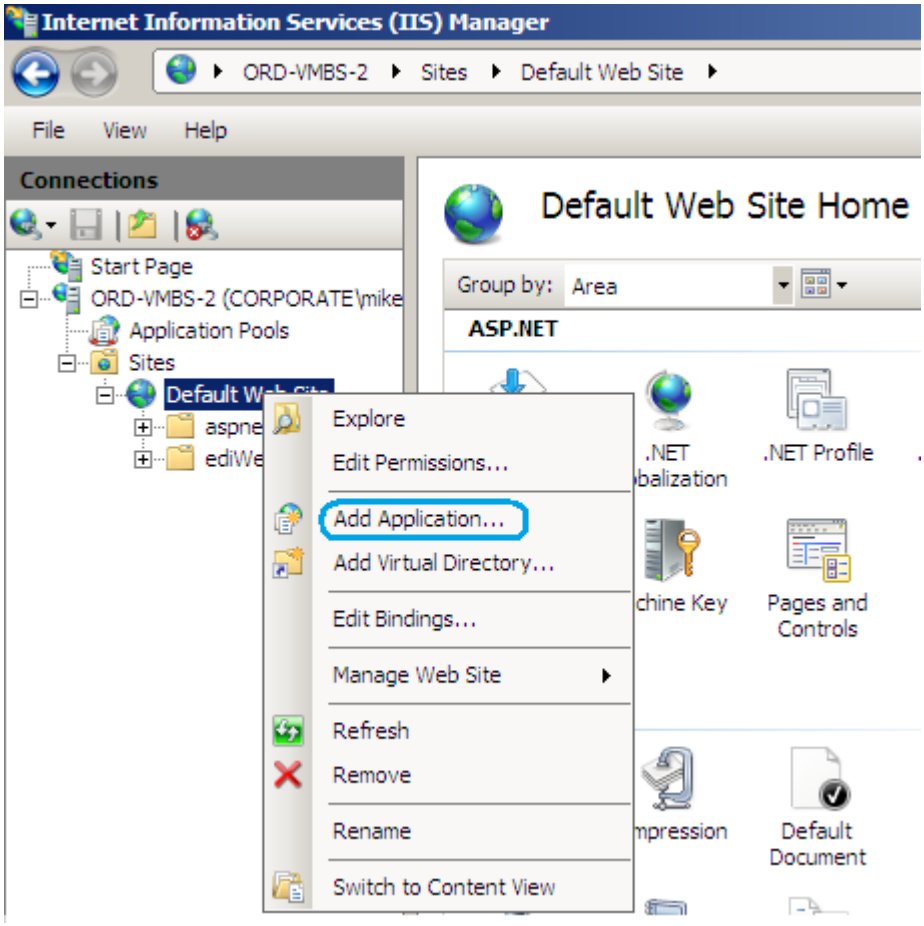


Click Next again and then “Finish” when presented with the Virtual Directory creation success dialog.

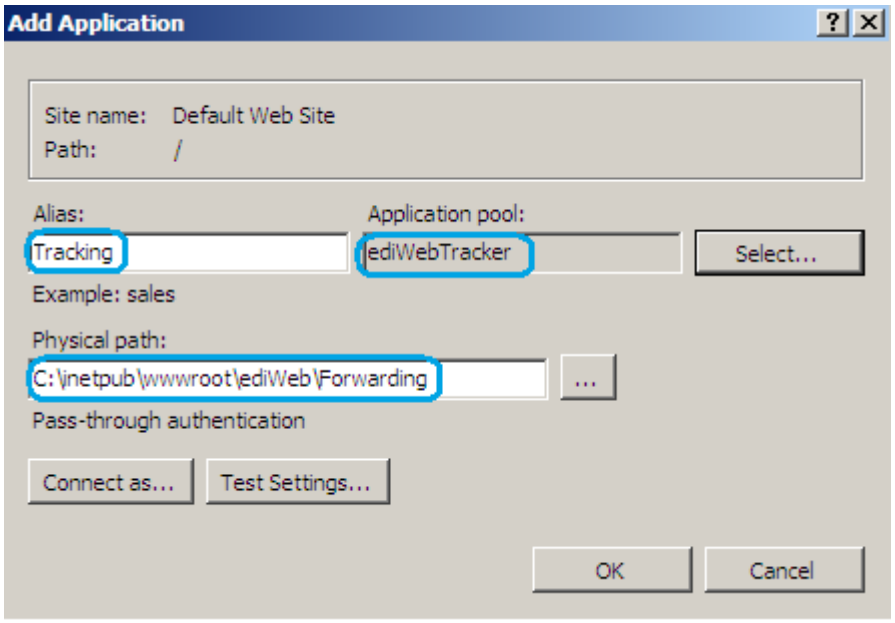
NOTE: If you rename your virtual directory, you should delete the Runtime folder in the Forwarding or CFS folders below ediWeb. This folder contains location specific files that are generated by the web application.

Windows Server 2008:

To add the ediWeb applications to your existing site, a new Application needs to be created. Right click on the web site, then select "Add Application...":



Give the new application a name, such as **Tracking**, select the application pool created in the previous section (e.g. **ediWebTracker**), then enter or select the path to the Forwarding folder, e.g. c:\inetpub\wwwroot\ediWeb\Forwarding:

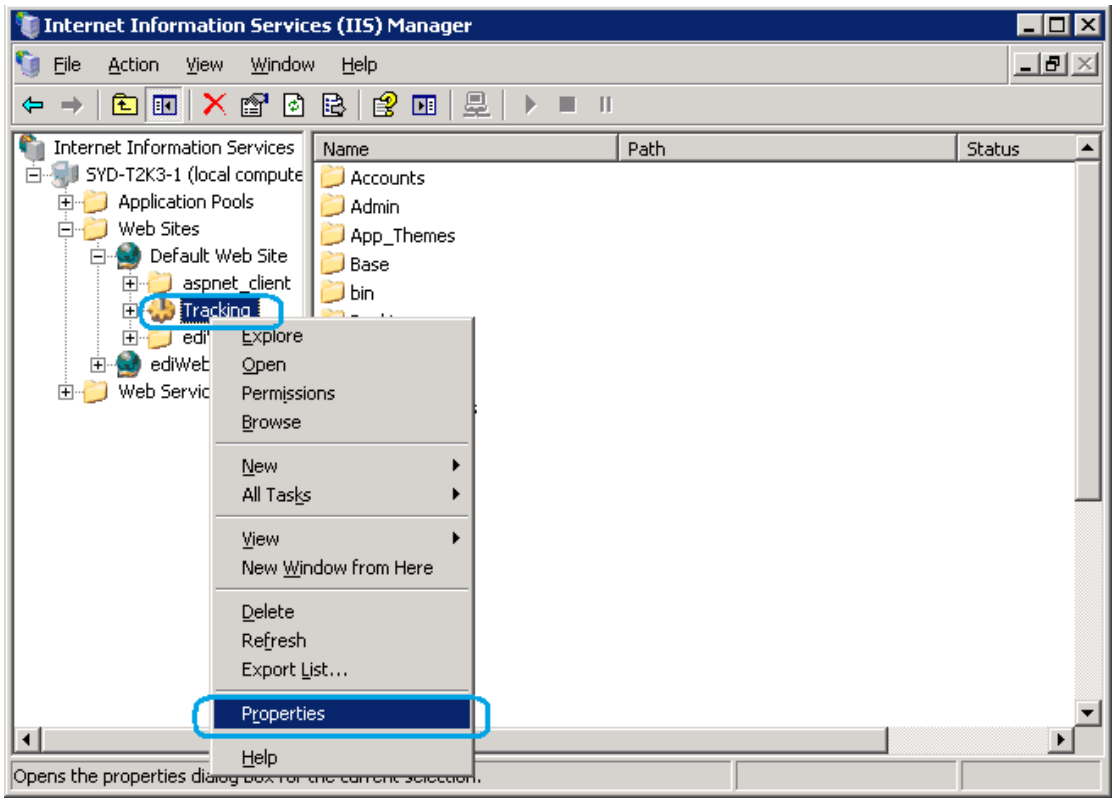


Click OK.

4.1.4 CONFIGURE VIRTUAL DIRECTORY

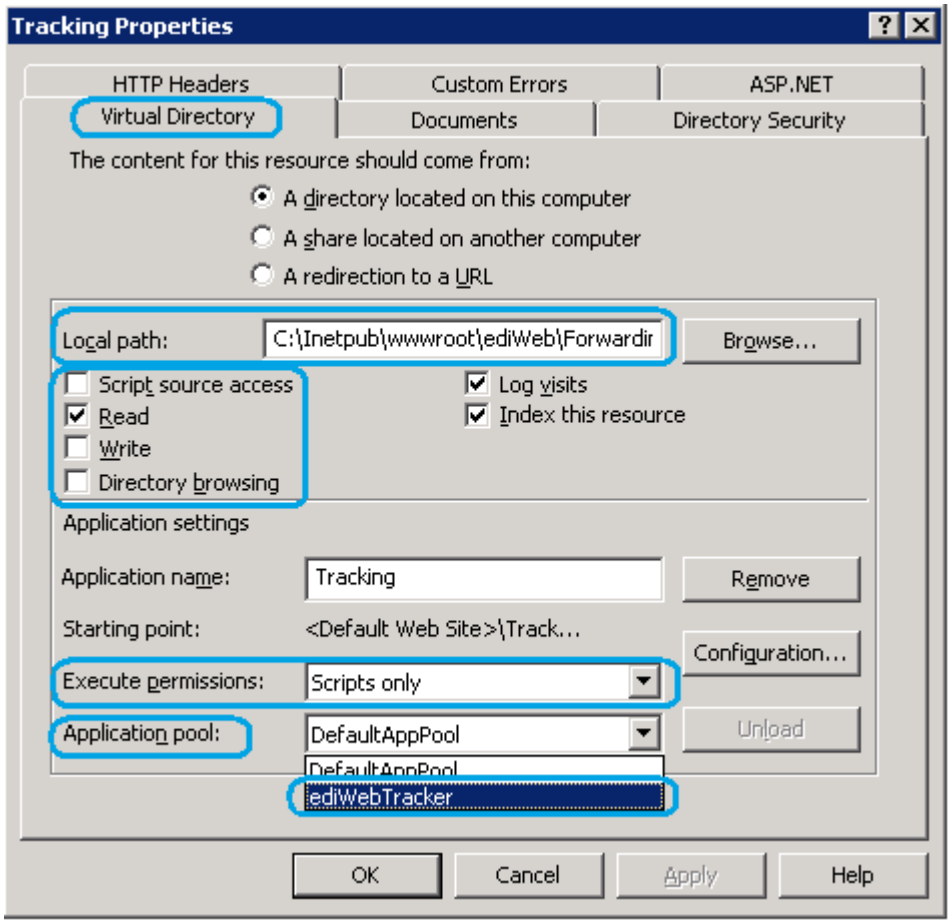
This section applies to Windows Server 2003 ONLY.

To check and adjust properties of your Virtual directory right click on it and choose "Properties" from the context menu.

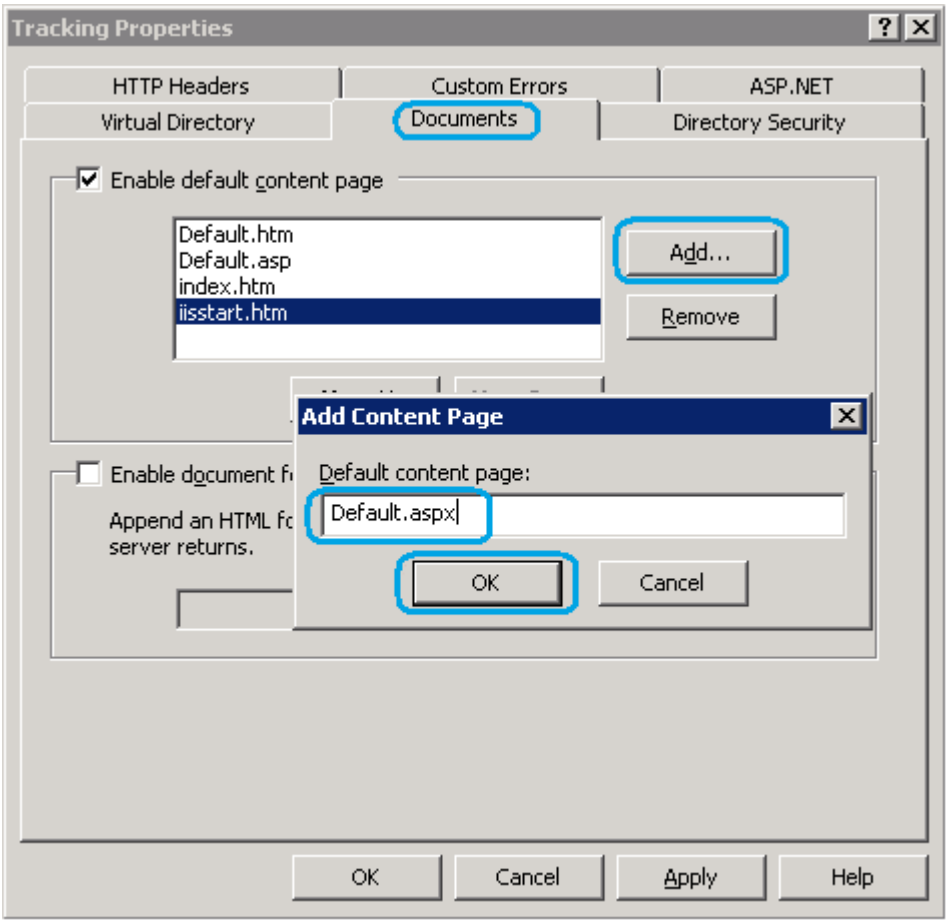


First select the Virtual Directory tab and check that your Local path is pointing at the right location. Only Read access should be allowed for the virtual Directory. Make sure that Execute permissions are set to "Scripts Only".

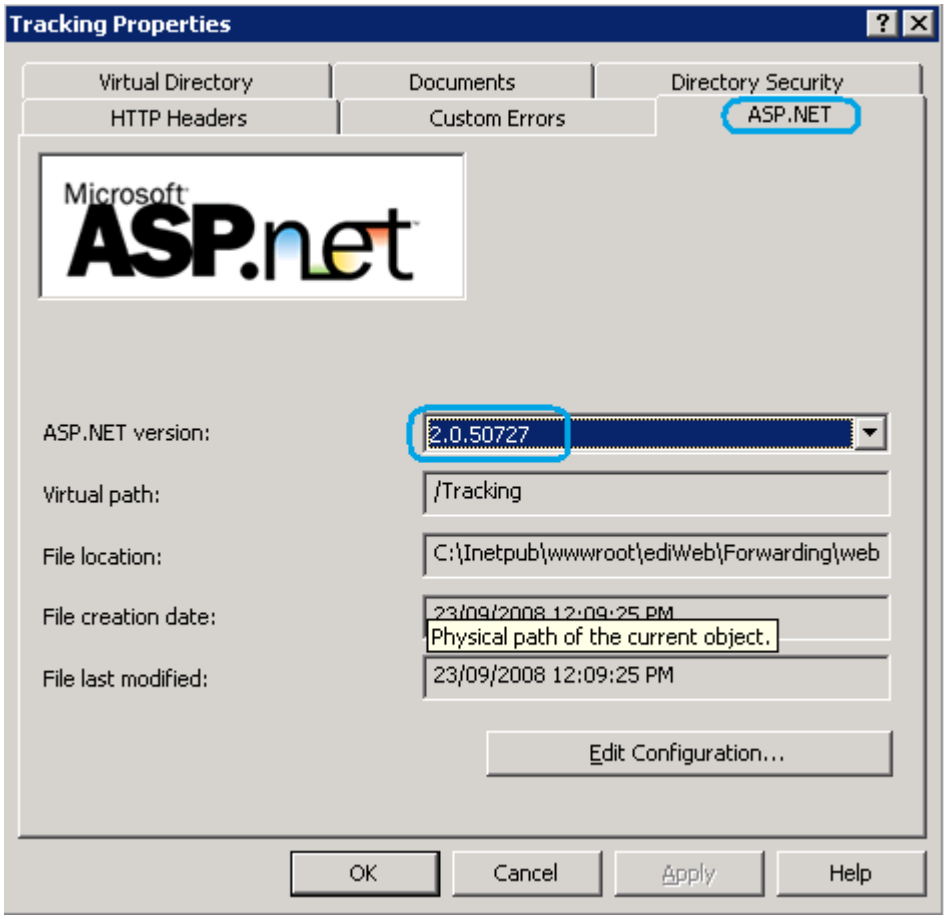
If running Microsoft Windows 2003 Server, a new Application Pool should be created for every ediWeb application (see 4.1.2). On this tab it should be selected from the list of Application Pools to be used for the web application running on this virtual directory.



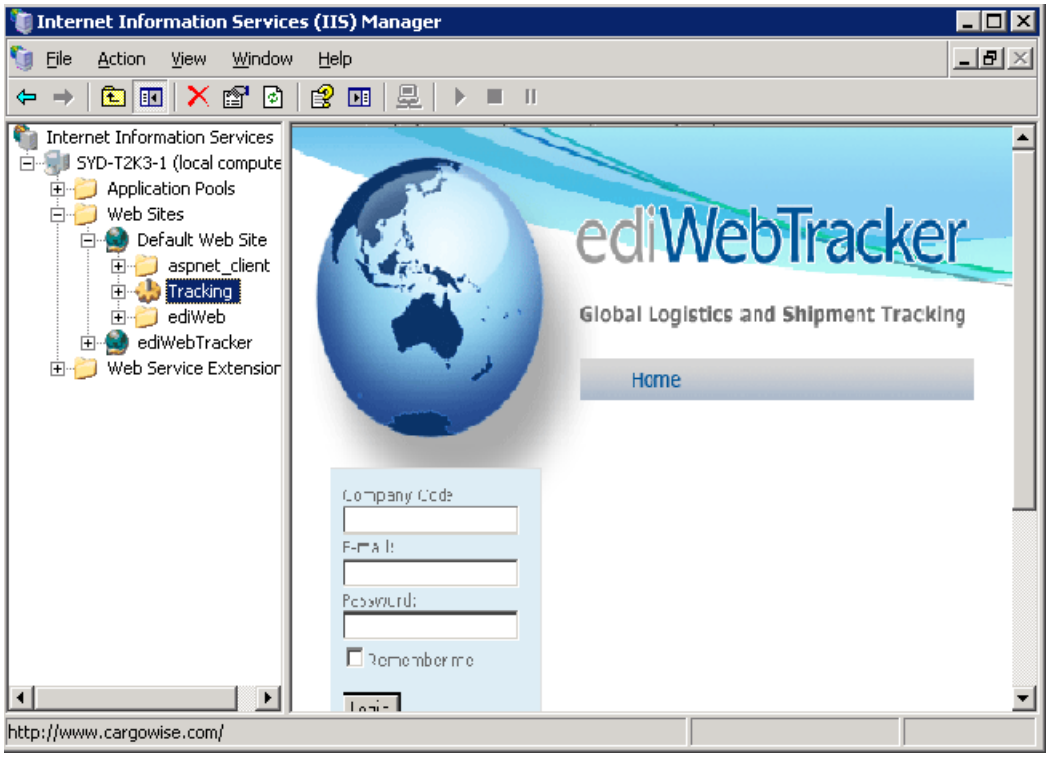
Select the Documents tab and add “Default.aspx” to the list of Documents, if it is not already included.



Select the ASP.NET tab and check that the ASP.NET version is set to 2.0.50727



Right click on the virtual directory and select “Browse” from the context menu. After some delay for initialising web application the login page should be shown in the right panel of the IIS management console.

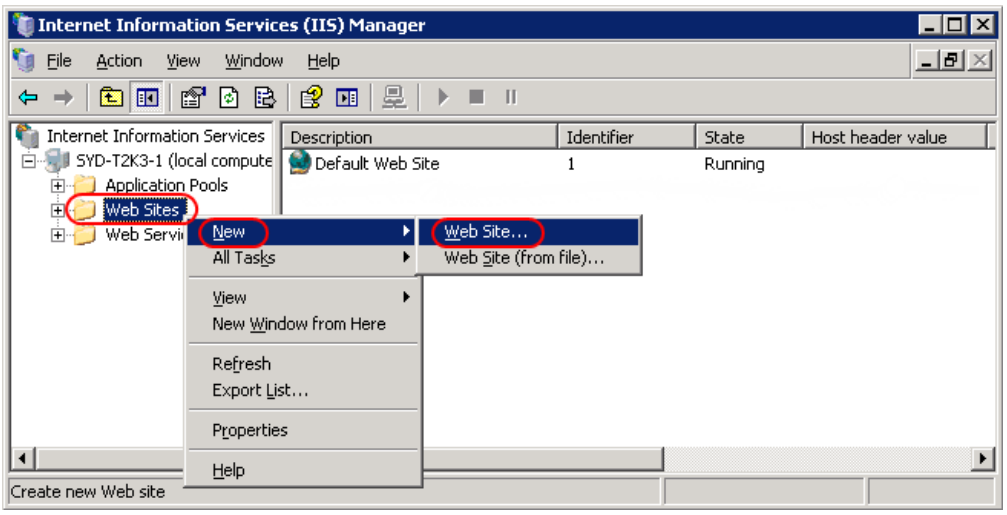


4.1.5 CREATE NEW WEB SITE (ADVANCED ADMINISTRATORS ONLY)

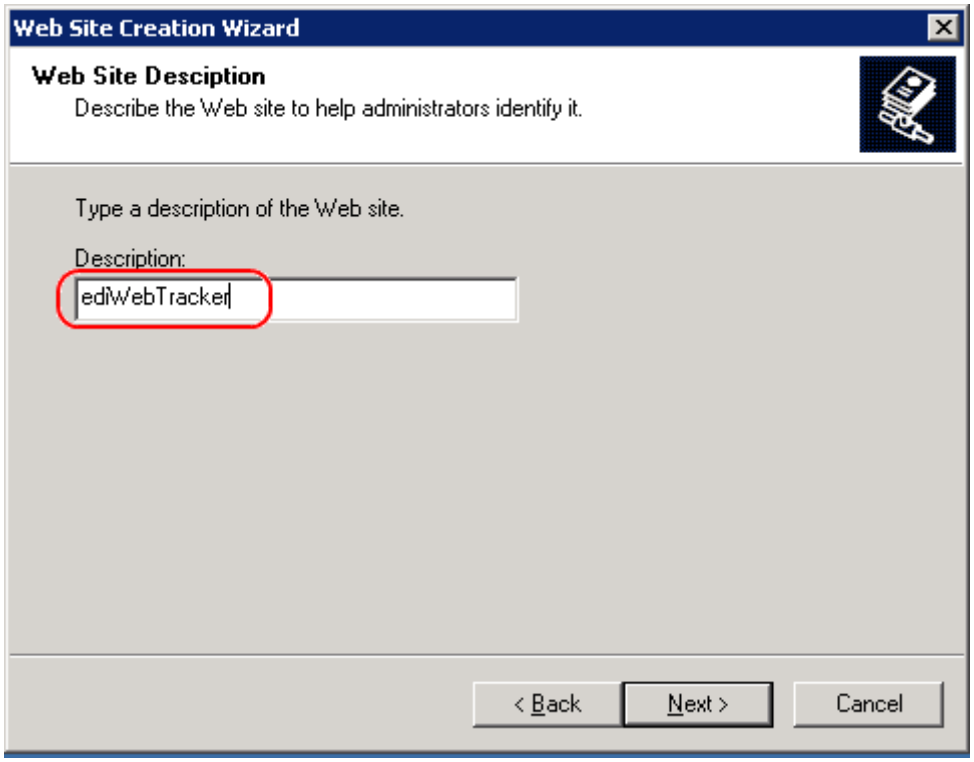
We recommend using a dedicated Application Pool for every new Web Site. Please see 4.1.2 for detailed instruction on creating new Application Pool.

Windows Server 2003:

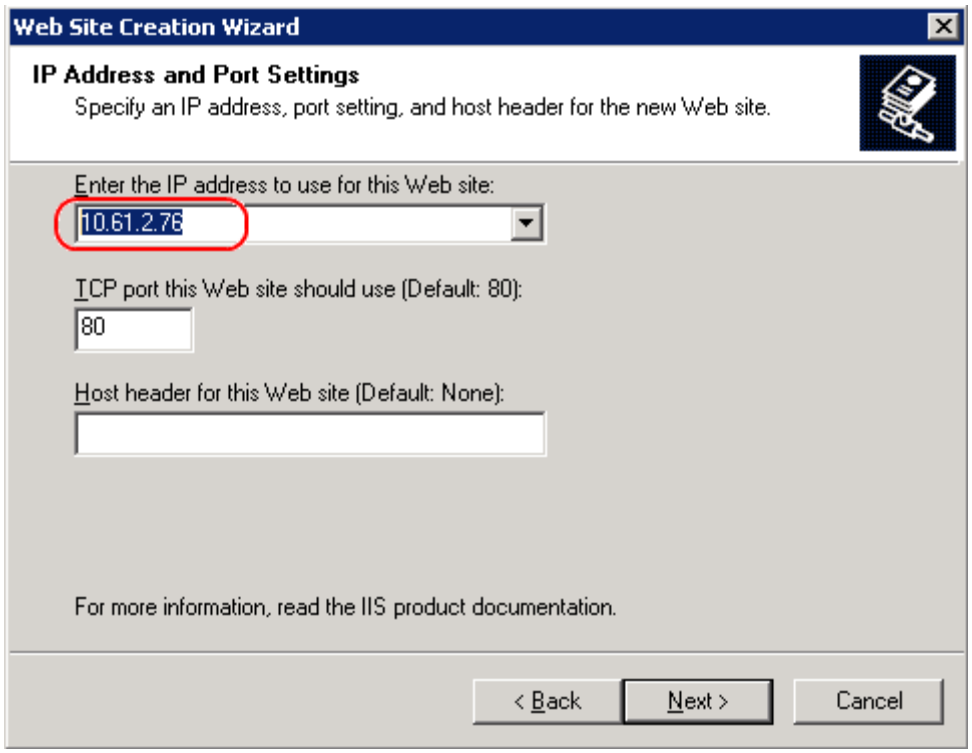
To create the new web site, right click on “Web Sites” then select “New” -> “Web Site…”



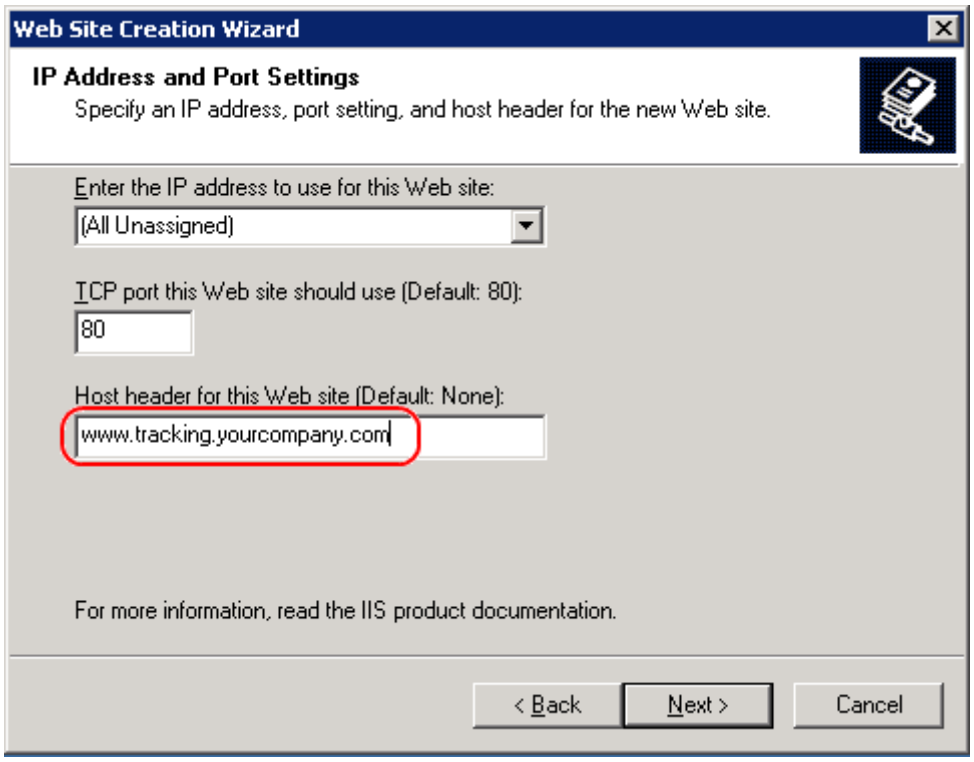
Enter, for example, “ediWebTracker” in the dialog and click Next.



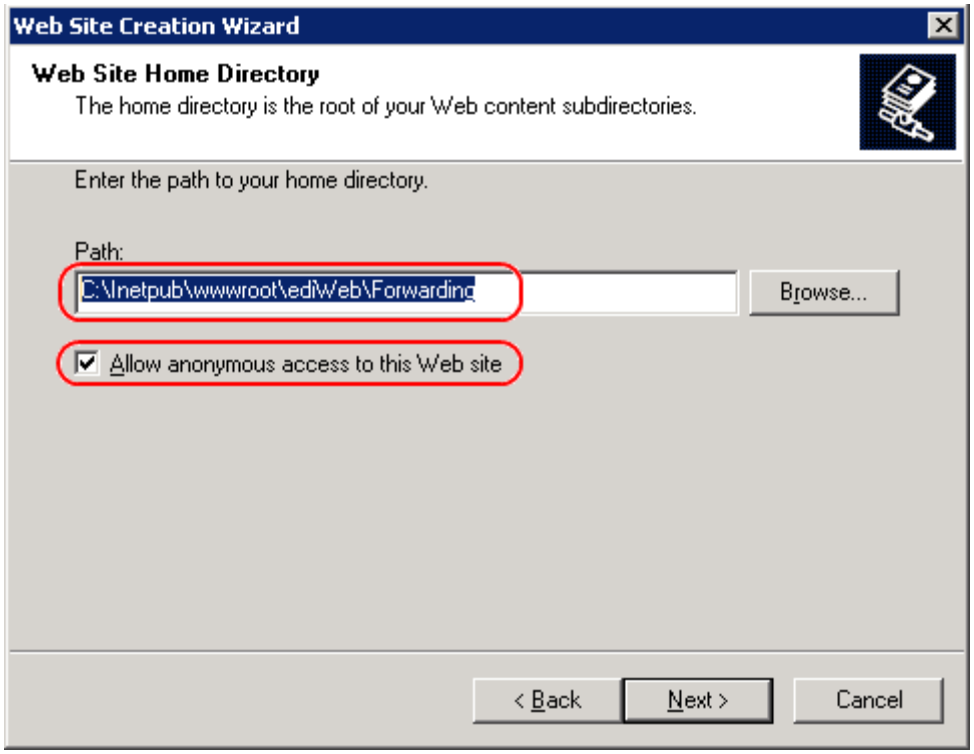
If you have a mapped IP address on the web server for the web site hostname, select it from the list in the following dialog.



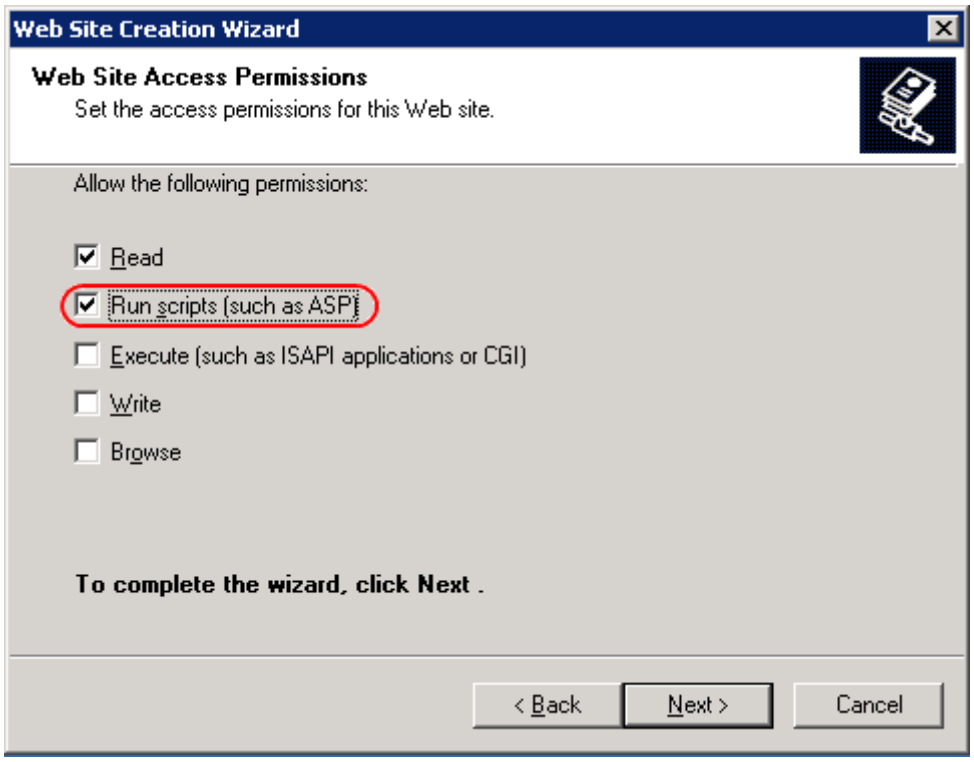
If you wish to use Host headers, which is the recommended option, then select “All unassigned” from the IP address list, and enter the name of the web site in the Host header field. Note that this should only be undertaken if your administrator has created the required DNS record.



Click Next and enter the path to the Forwarding folder setup in Section 3.1. and check the “Allow anonymous access to this web site” option.



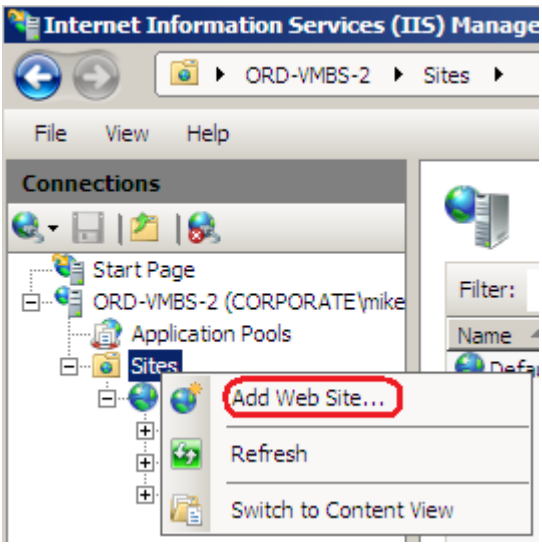
Click Next.



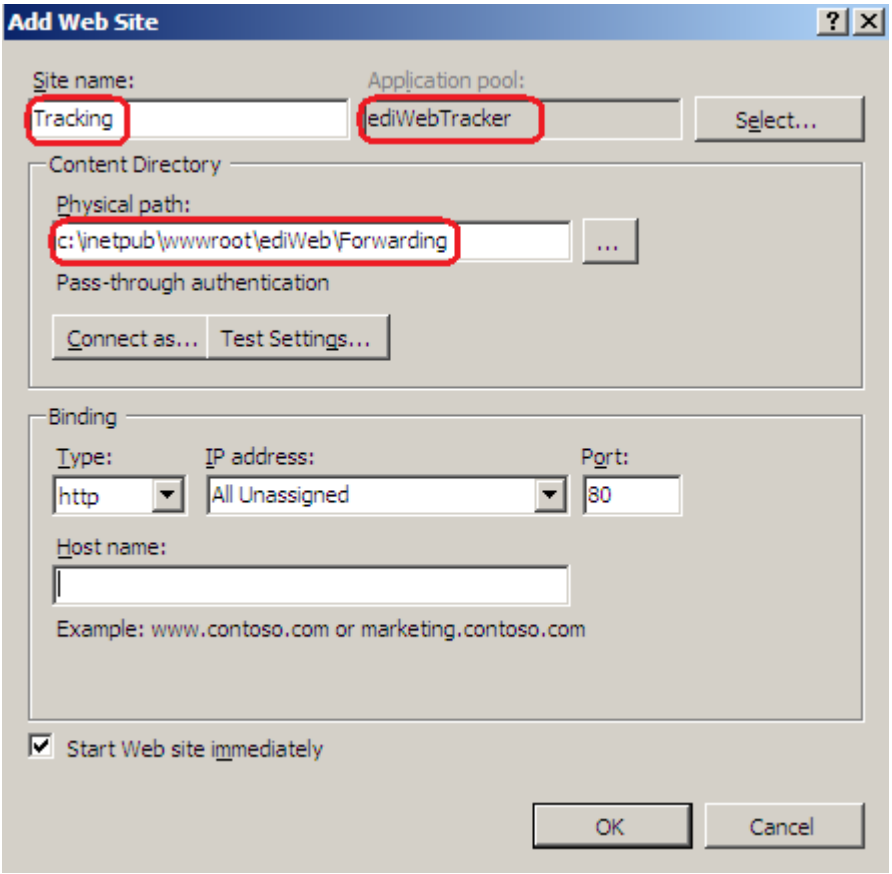
Leave the default values, and click Next then Finish on the “Web Site successfully created” dialog.

Windows Server 2008:

To create a new web site, right click on Sites and select "Add Web Site...":



Enter site name, select the application pool created earlier, and point the physical path to the Forwarding folder, e.g. c:\inetpub\wwwroot\ediWeb\Forwarding:

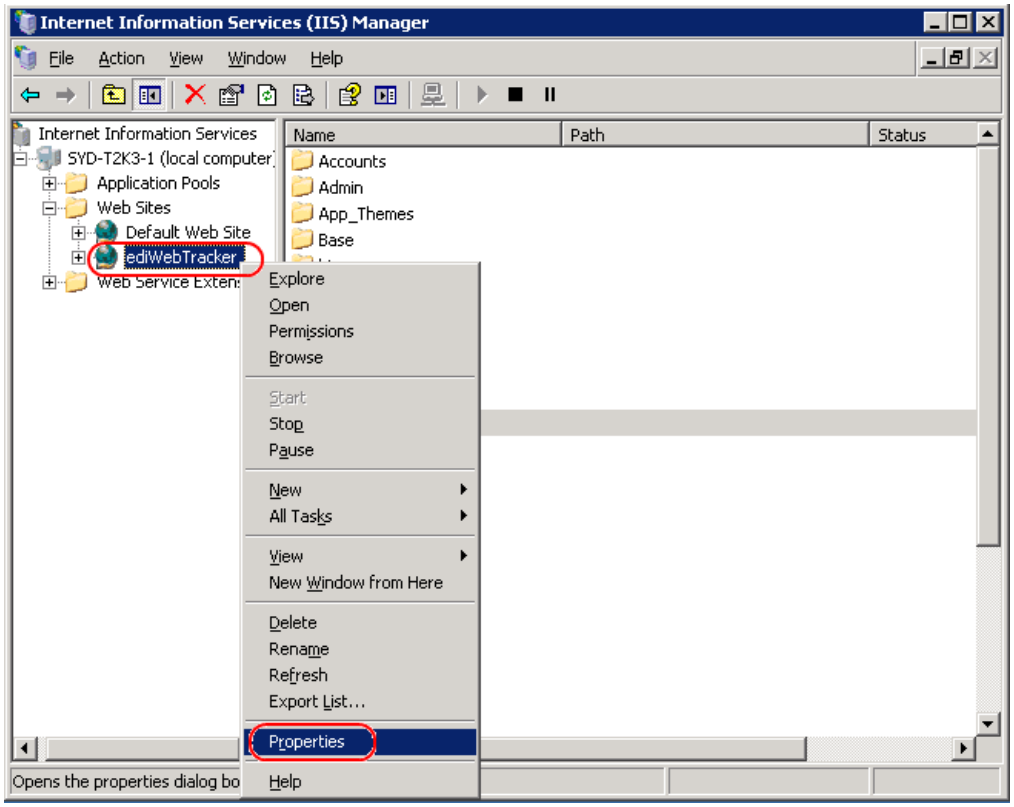


The "Binding" section will depend on whether multiple sites are hosted on this server and are outside of the scope of this guide.

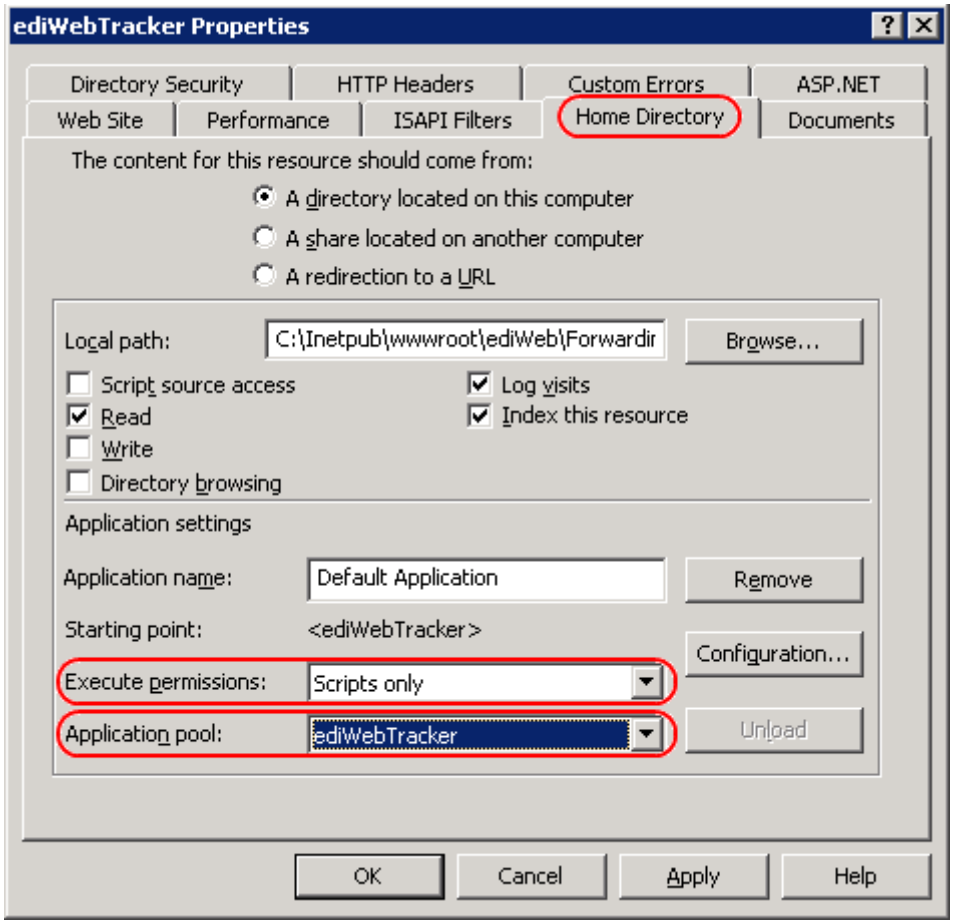
4.1.6 SET WEB SITE PROPERTIES

This section applies to Windows Server 2003 ONLY.

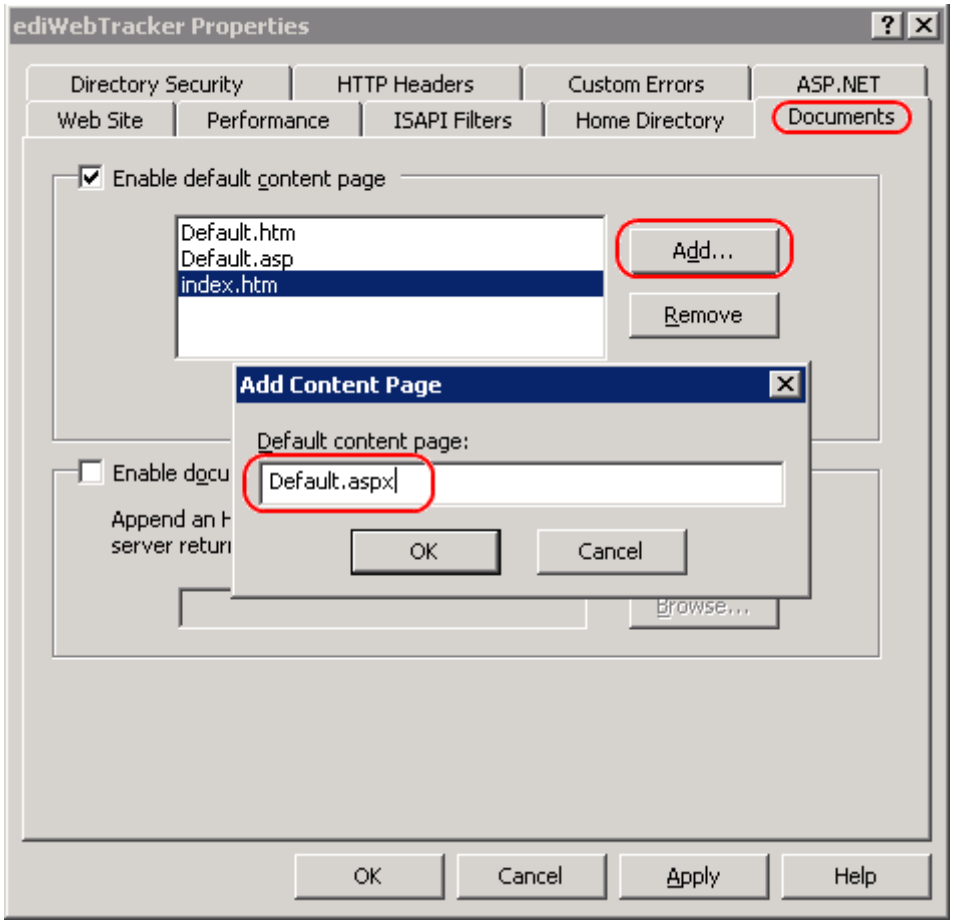
Right-click on the newly created web site or virtual directory, then select Properties.



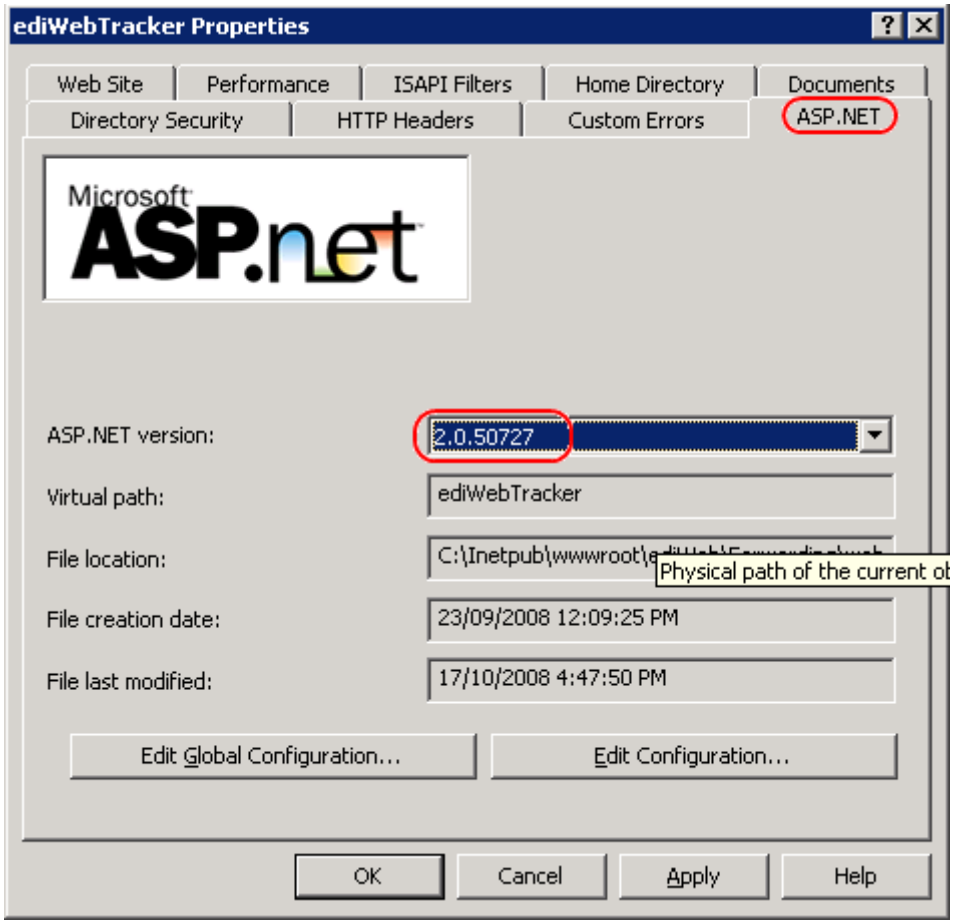
Select the Home Directory tab and ensure that the Execute Permissions are “Scripts only” and select “ediWebTracker” for the Application Pool.



Select the Documents tab and add “Default.aspx” to the list of Documents, if it is not already included.

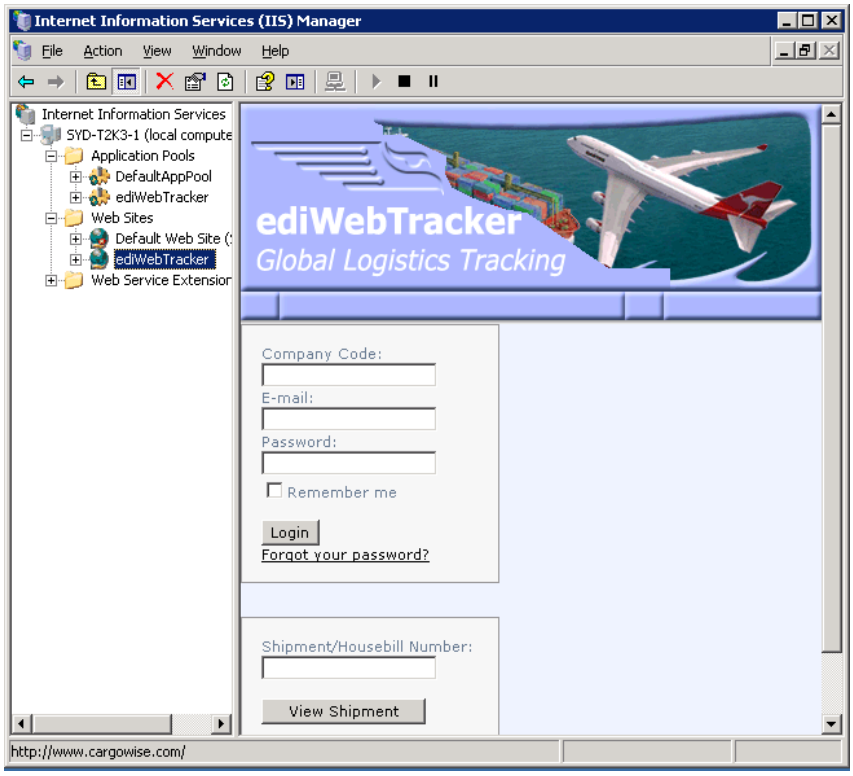


Select the ASP.NET tab and check that the version is set to version 2.0.50727

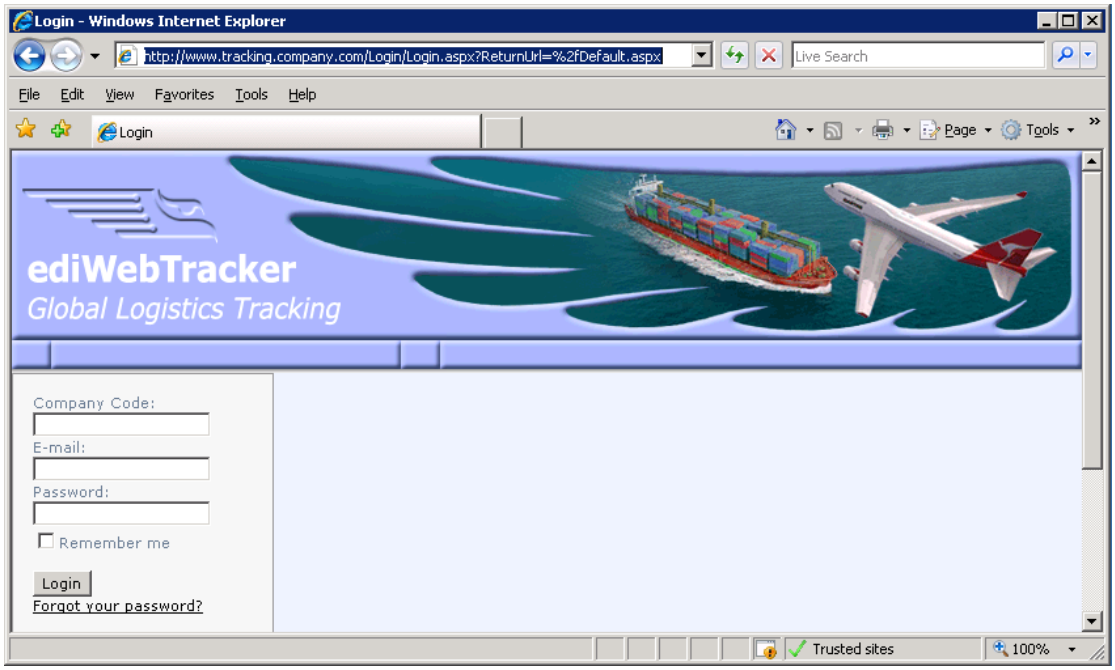


Click OK, until all IIS manager windows are closed.

To test created web site right click on its name in the IIS management console and select “Browse” from the context menu. The login page should be displayed in the right panel.



Please use Internet Explorer to browse your ediWebTracker web site or virtual directory. Open browser and navigate to the appropriate URL, http://www.company.com/Tracking or http://www.tracking.company.com/ depending on your web server base URL and whether a web site or virtual directory was created. You will be presented with the ediWebTracker login page.



4.2 IIS CONFIGURATION FOR CFS

Repeat all steps in section 4.1 IIS Configuration for WebTracker (IIS Configuration for WebTracker), but point the virtual directory to ediWeb\CFS folder and choose a different name for this virtual directory (suggested name is CFS).

4.3 CONFIGURATION OF WEB SERVICES

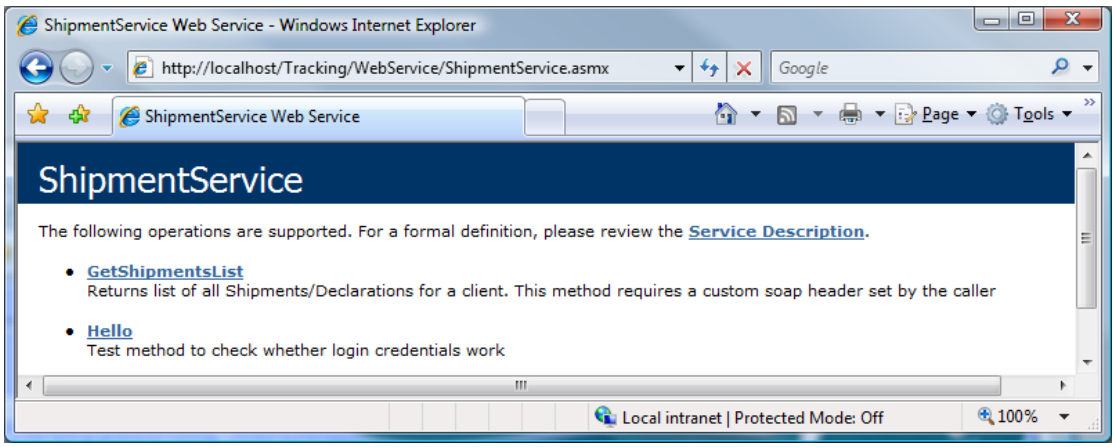
IMPORTANT: You should only read this section if you are planning to use ediWebServices instead of ediWebTracker.

In order to consume ediEnterprise web services you need to follow steps in 4.1 IIS Configuration for WebTracker (IIS Configuration for WebTracker). No additional configuration is required.

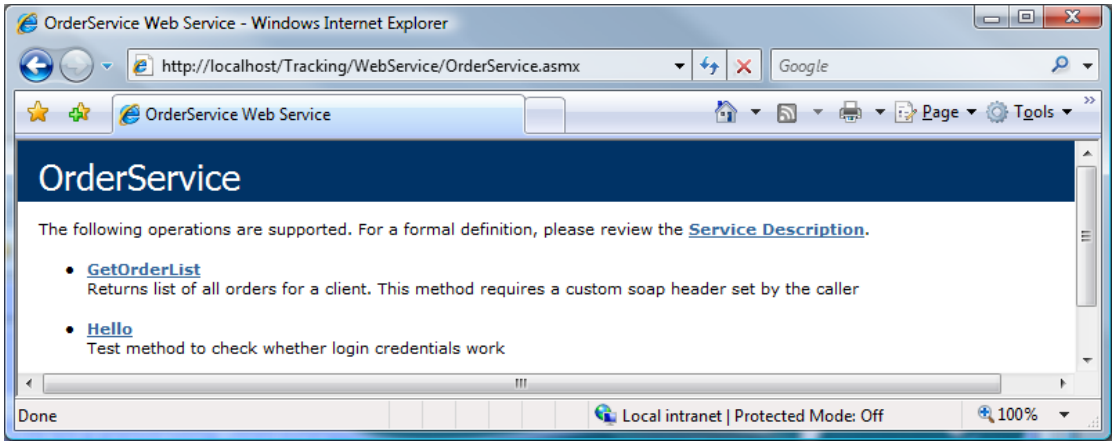
4.3.1 VERIFYING WEB SERVICES WORK

Once WebTracker is configured, open your browser and type the URL configured in section 4 Configuration of the Web Server and add "/WebService/ShipmentService.asmx" for shipments web service and "/WebService/OrderService.asmx" for orders web service.

Thus, if your WebTracker site is configured at http://www.mysite.com/ for example, then Shipment service URL will be
http://www.mysite.com/WebService/ShipmentService.asmx

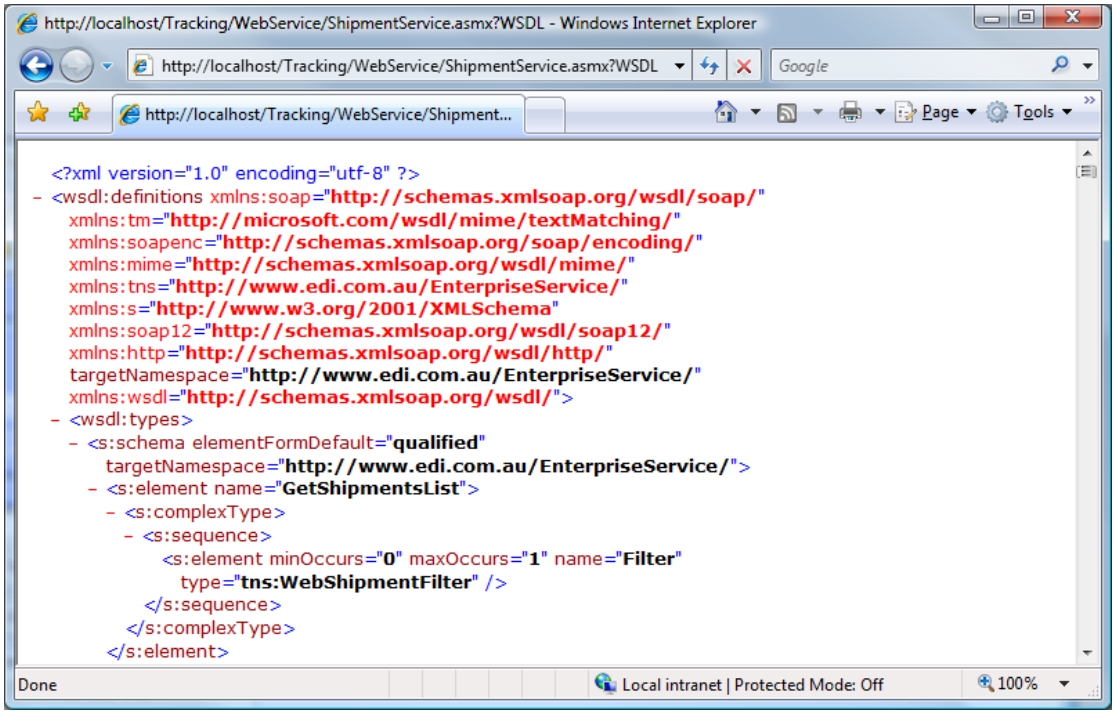


And Order service URL will be
http://www.mysite.com/WebService/OrderService.asmx



4.3.2 CONSUMING WEB SERVICES

Clicking Service Description link on ShipmentService or OrderService pages will display your WSDL description of a relevant service:



A sample C# program that shows how to use both Shipment and Order web services can be downloaded from CargoWise web site at
http://www.tracking.cargowise.com/WebServicesTest.zip

This program requires .NET Framework 2.0 installed on your computer.

IMPORTANT: You're not limited to .NET only in development of your web application that consumes ediwebservices. You can use Java, .NET and any other platform that works with web services.

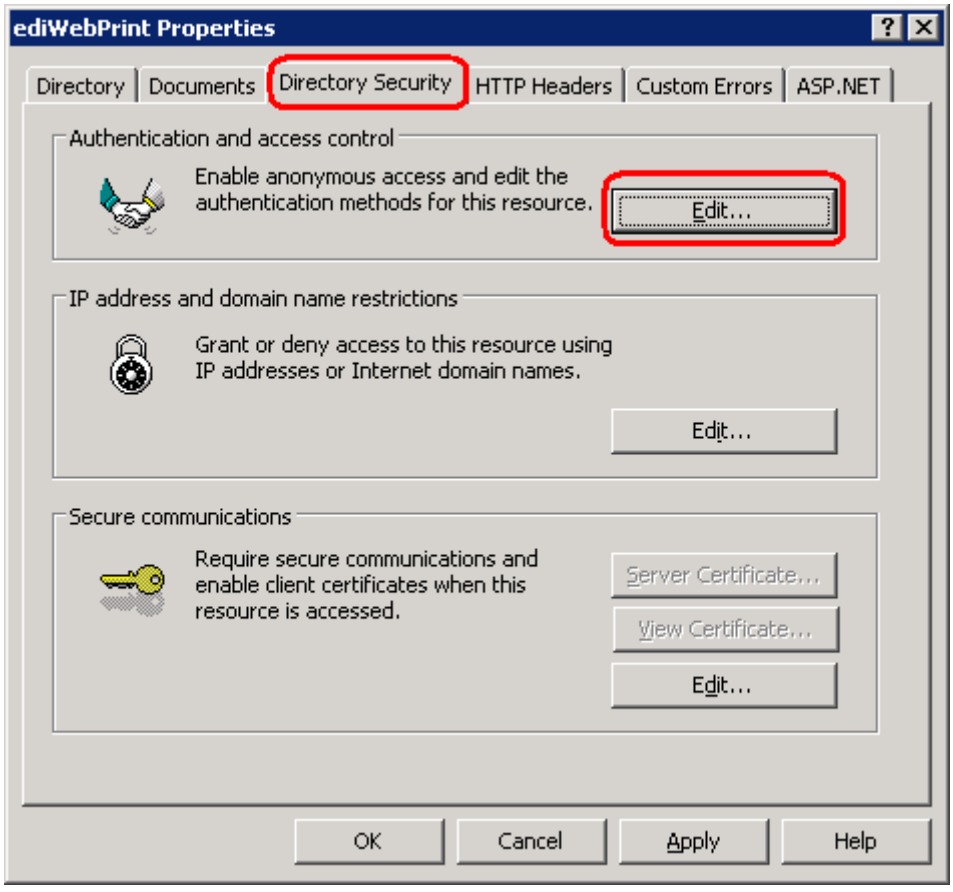
4.4 IIS CONFIGURATION FOR WEBPRINT

Repeat all steps in section 4.1 IIS Configuration for WebTracker (IIS Configuration for WebTracker), but point the virtual directory to ediWeb\ediWebPrint folder and choose a different name for this virtual directory (suggested name is ediWebPrint).

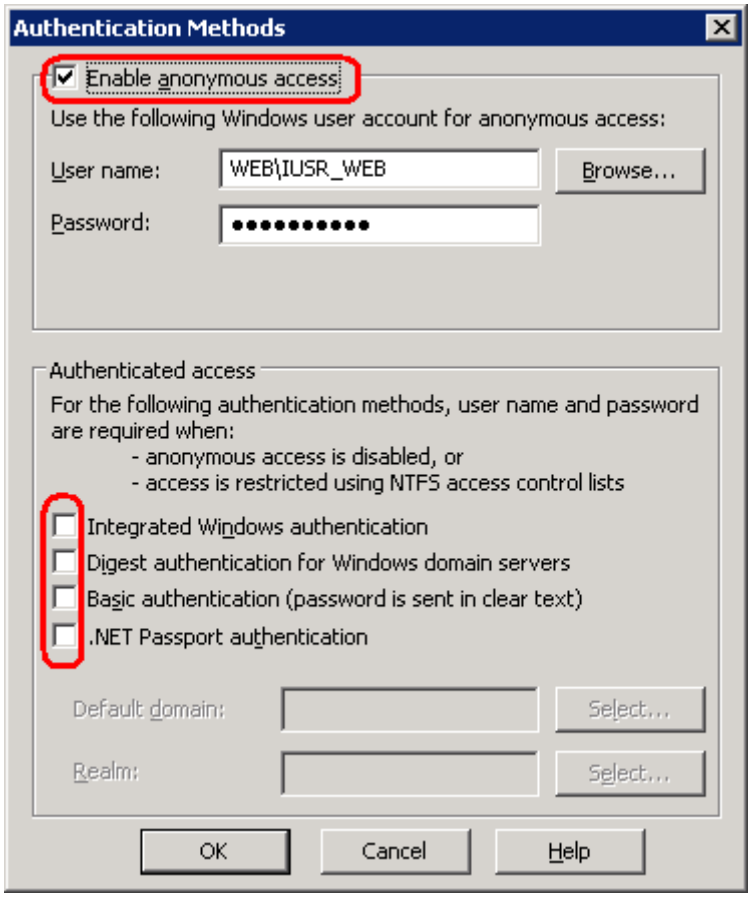
Windows Server 2003:

IMPORTANT: Additionally, set up the ediWebPrint Virtual Directory Authentication Method to enable anonymous access and have all authentication modes un-ticked.

To do it, open Properties of the ediWebPrint Virtual Directory and select Directory Security tab. Then click Edit on Authentication and access control.



Make sure that Anonymous access is enabled and all authentication methods are unchecked.



For more details about configuring and using WebPrint please see the following Upgrade Note

http://www.cargowise.com/Documents/UpdateNotes/ediEnterpriseUpdateNote20070703.pdf

5. INDIVIDUAL COMPONENT CONFIGURATION

5.1 WEBTRACKER COMPONENT SETUP

5.1.1 CONFIGURATION OF THE WEBTRACKER

Download the Sample configuration pack from
http://www.tracking.cargowise.com/WebTracker_configpack.zip

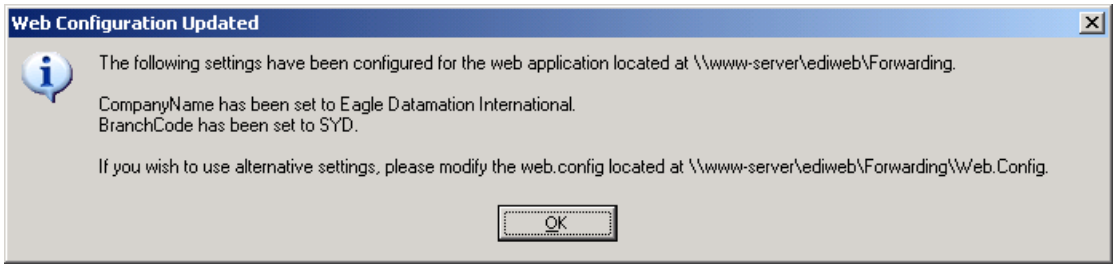
The file contains;

Images folder	Contains logo, heading background, etc
BaseStyle.css	Stylesheet for customisation of web site appearance

Unzip the file into ediWeb\Forwarding folder before proceeding to the next steps.

5.1.2 CHANGING WEB SITE CONFIGURATION FILE

The web.config file is located in the root of each web application (Forwarding and CFS) and is automatically configured after the first deployment. Default settings will be configured and reported during the deployment process. The company name will default to the first active company and the branch will be selected as the first active branch. These will be reported and can be configured manually to alternative settings.



To configure manually, open the web.config file for each web application in Notepad and change the following parameters;

DBAdminEmail	Email address of a person who looks after the web site. All error messages about configuration and upgrade problems will be sent to this address.
Branch	Branch code of the company where the web site is running.
CompanyName	Name of the client's company (e.g. Eagle Datamation International).
HomePageURL	URL of the client's web site (e.g. http://www.cargowise.com)

The following settings for the Database and ServerName are automatically configured based on the settings in Enterprise. These should not need to be modified.

DatabaseName	Enterprise Live database name
ServerName	Server with Enterprise Live database location

If you wish to confirm the details, you can find out your ediEnterprise Server and DatabaseName by running ediEnterprise and selecting menu Help >> About:

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>

        <appSettings>
                <!-- Settings for database and site functionality
                -->
                <add key="DatabaseName" value="Odyssey" />
                <add key="ServerName" value="localhost" />
                <add key="WebUser" value="webuser" />
                <add key="DBAdminEmail" value="TrackErr@cargowise.com" />
                <add key="Branch" value="SYD" />

                <!-- Settings for the look and feel
                -->
                <add key="CompanyName" value="CargoWise EDI" />
                <add key="HomePageURL" value="http://www.cargowise.com/" />
        </appSettings>
```

5.1.3 CHANGE STYLE SHEET

ediWeb applications can look similar to your web site. Please refer to section **Images and web site colours**.

5.1.4 CHANGE COMPANY LOGO

ediWeb application can use any custom logo. Please refer to section **Images and web site colours.**

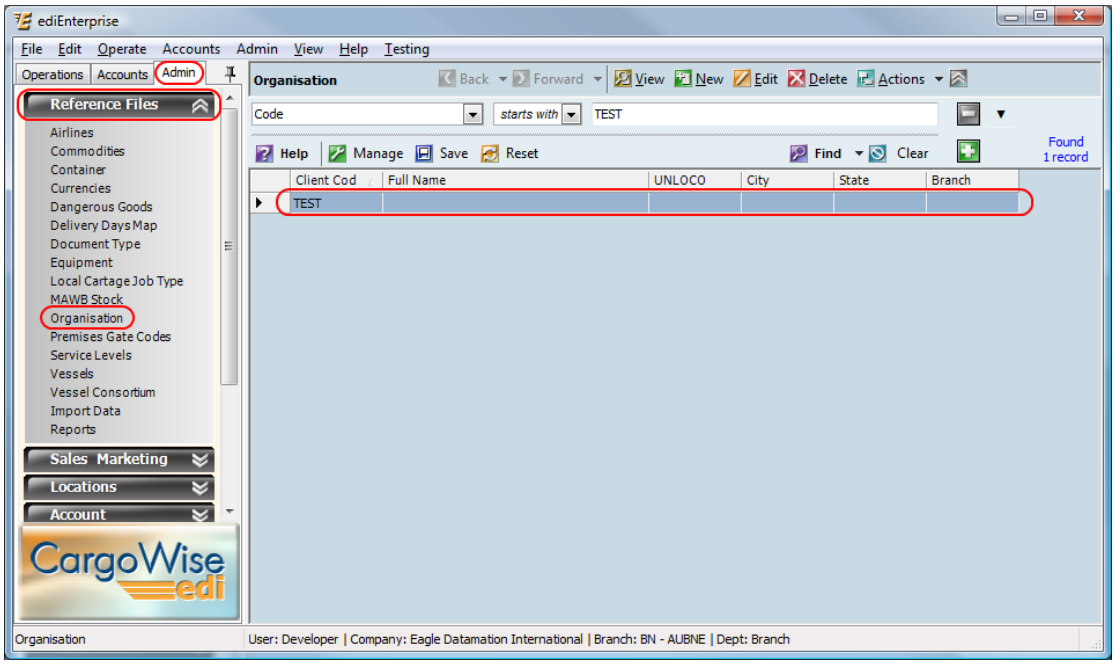
5.1.5 ACCESSING WEBTRACKER

By now WebTracker will be configured. However, WebTracker requires a login. That means that every client that is going to be accessing your WebTracker web site should be given log in details before visiting the web site;

- Client organisation code
- Client email address
- Password

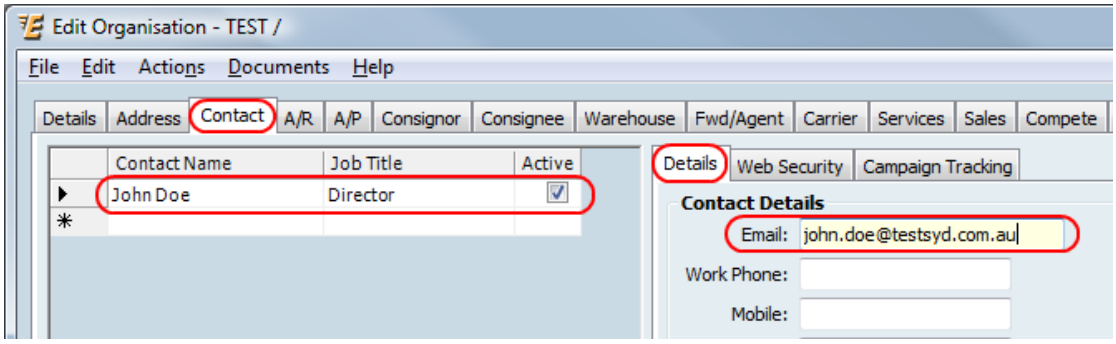
5.1.6 SELECT CLIENT ORGANISATION

Run Enterprise, choose Config > Reference Files > Organisation and choose your client Organisation Master file;

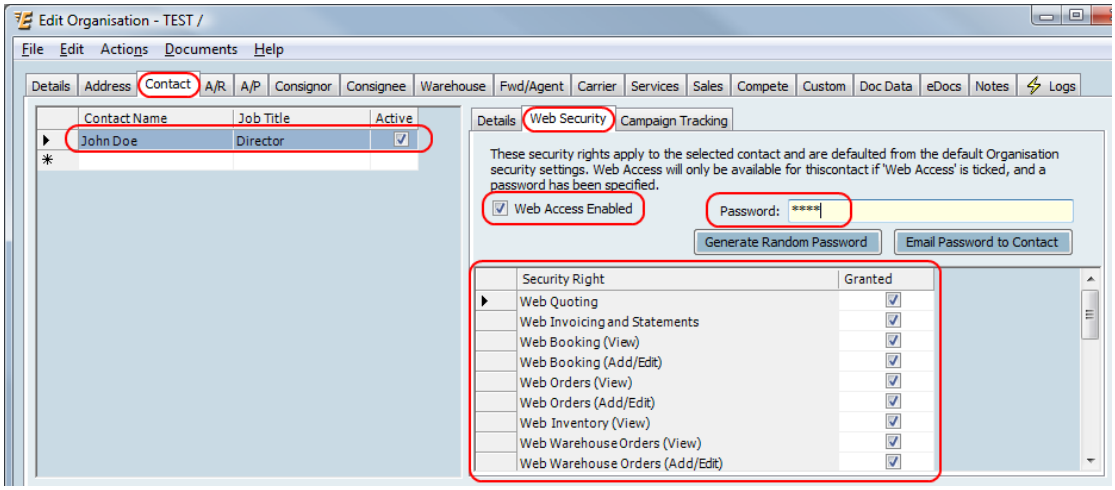


5.1.7 CREATE A NEW CONTACT FOR THE SELECTED ORGANISATION

Switch to the Contact tab on the Organisation master file form and specify client's name and email;



On the Contact's Web Security tab enable Web Access for current contact and specify Web Access Password. The web Security rights could be adjusted if required.



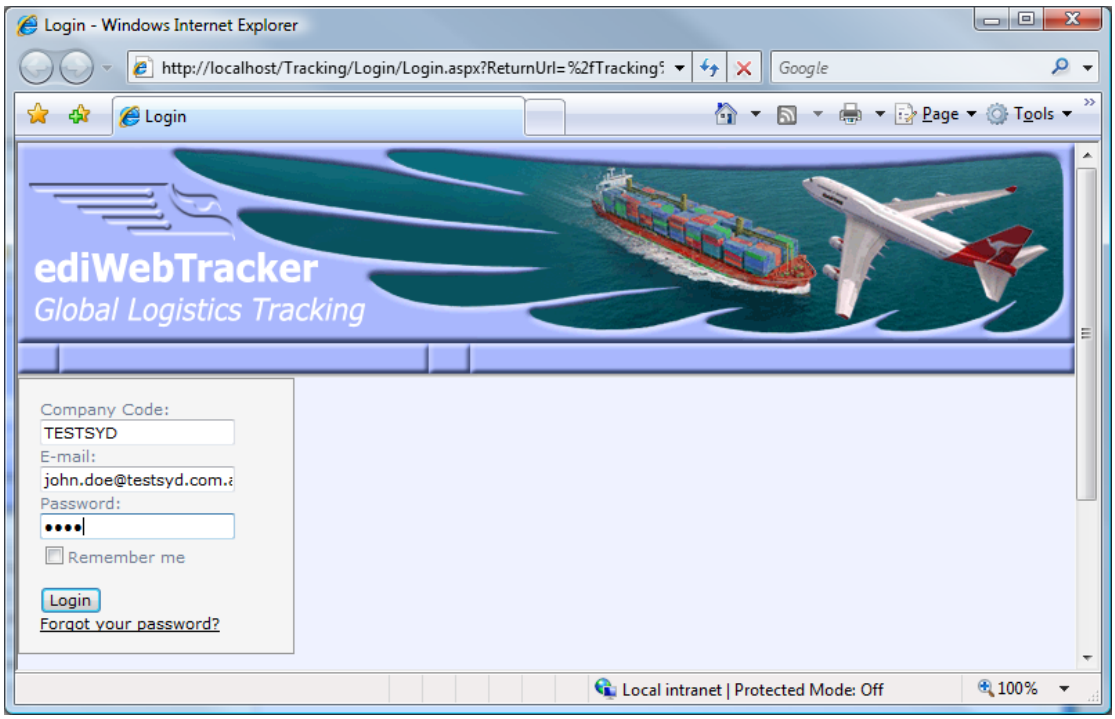
Save the Organisation Master file form and open the web site.

5.1.8 OPENING THE WEB SITE

Open your browser and type the URL configured in section 4 Configuration of the Web Server and the WebTracker should start. It takes some time to load the application into the memory; however every subsequent request to the application will be a lot faster.

Type company code, user name and password and click on the **Login** button.

After authentication you will be redirected to the Shipments screen.



5.2 CFS COMPONENT SETUP

5.2.1 CONFIGURATION OF CFS

First of all, download the Sample configuration pack from

http://www.tracking.cargowise.com/CFS_configpack.zip

The file contains;

Images folder	Contains logo, heading background, etc
BaseStyle.css	Stylesheet that contains colour settings for the web site
Web Config	File with web site configuration

Unzip the file into ediWeb\CFS folder before proceeding to the next steps.

5.2.2 CHANGING WEB SITE CONFIGURATION FILE

Web.Config file should be placed in the root of the web site (**C:\Inetpub\wwwroot\ediWeb\CFS**)

Open in Notepad and change the following parameters;

DatabaseName	Enterprise Live database name
ServerName	Server with Enterprise Live database location
HomePageURL	URL of the client's web site (e.g. www.cargowise.com)

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>

        <appSettings>
                <!-- Settings for database and site functionality
                -->
                <add key="DatabaseName" value="Odyssey" />
                <add key="ServerName" value="localhost" />
                <add key="WebUser" value="webuser" />
                <add key="HomePageURL" value="http://www.cargowise.com/" />
        </appSettings>
```

To find out your **ediEnterprise** Server and **DatabaseName** simply run ediEnterprise and run menu **Help >> About**:

5.2.3 CHANGE STYLE SHEET

ediWeb applications can look similar to your web site. Please refer to section **Images and web site colours**.

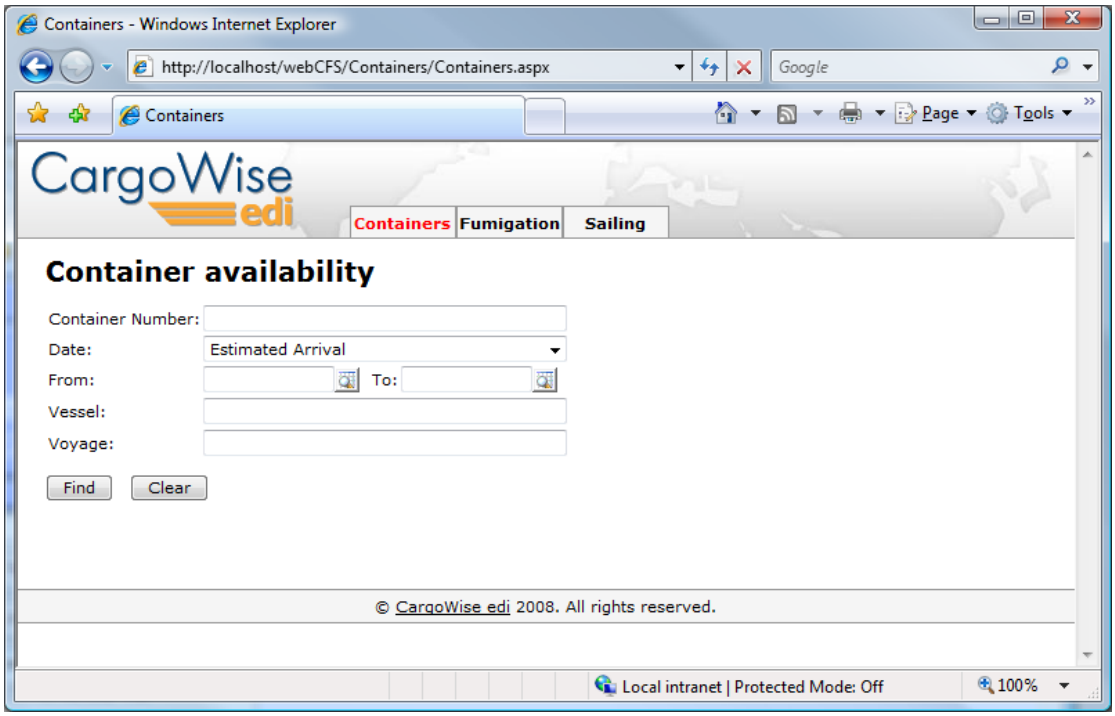
5.2.4 CHANGE COMPANY LOGO

ediWeb application can use any custom logo. Please refer to section Images and web site colours.

5.2.5 OPENING THE WEB SITE

Open your browser and type the URL configured in Section 4 Configuration of the Web Server and the CFS application should start. It takes some time to load the application into the memory. However, every subsequent request to the application will be a lot faster.

You will be directed to the Containers search page automatically.



5.3 WEBCAMPAIGN COMPONENT SETUP

5.3.1 CONFIGURATION OF WEBCAMPAIGN

First of all, download the Sample configuration pack from http://www.tracking.cargowise.com/WebCampaign_configpack.zip

The file contains;

Images folder	Contains logo, heading background, etc
BaseStyle.css	Stylesheet that contains colour settings for the web site
Web Config	File with web site configuration

Unzip the file into ediWeb\WebCampaign folder before proceeding to the next steps.

5.3.2 CHANGING WEB SITE CONFIGURATION FILE

Web.Config file should be placed in the root of the web site (**C:\Inetpub\wwwroot\ediWeb\WebCampaign**)

Open in Notepad and change the following parameters;

DatabaseName	Enterprise Live database name
ServerName	Server with Enterprise Live database location
HomePageURL	URL of the client's web site (e.g. www.cargowise.com)

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>

        <appSettings>
                <!-- Settings for database and site functionality
                -->
                <add key="DatabaseName" value="Odyssey" />
                <add key="ServerName" value="localhost" />
                <add key="WebUser" value="webuser" />
                <add key="HomePageURL" value="http://www.cargowise.com/" />
        </appSettings>
```

To find out your **ediEnterprise** Server and **DatabaseName** simply run ediEnterprise and run menu **Help >> About**:

5.3.3 CHANGE STYLE SHEET

ediWeb applications can look similar to your web site. Please refer to section **Images and web site colours**.

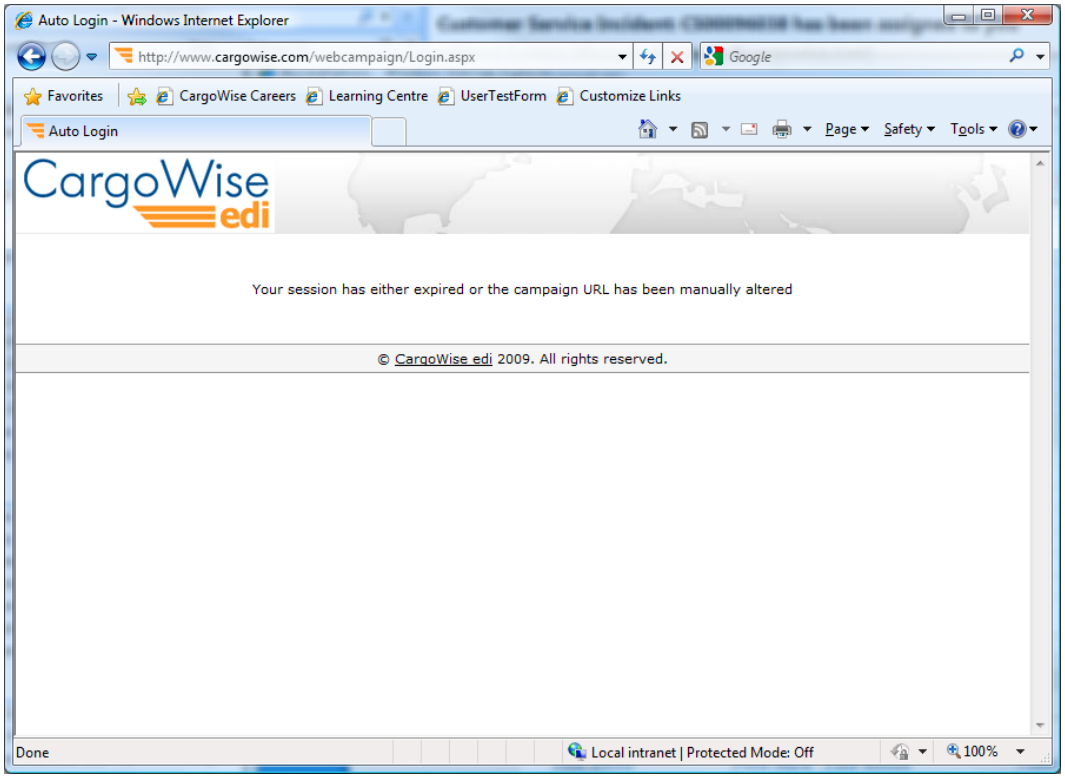
5.3.4 CHANGE COMPANY LOGO

ediWeb application can use any custom logo. Please refer to section **Images and web site colours**.

5.3.5 OPENING THE WEB SITE

Open your browser and type the URL configured in Section 4 Configuration of the Web Server and the WebCampaign application should start. It takes some time to load the application into the memory. However, every subsequent request to the application will be a lot faster.

You will be directed to the Default page automatically.



5.4 IMAGES AND WEB SITE COLOURS

ediWebTracker comes with standard colours and graphics. However the look and feel of the web site can be changed according to your requirements. You can change:
Logo
Page heading
Fonts of any element of the web site
Colour of any element of the web site

If you need more serious modifications – web site layout, hiding or adding some functions, own user validation, etc., you should consider developing your own web site using ediWeb Services provided by ediWebTracker. Please refer to **Web Services** section of this document for more details.

5.4.1 CONVERSION FROM EAGLETRAC TO EDIWEBTRACKER

Users of EagleTrac converting to ediWebTracker already have their graphics done by CargoWise. Implementation team will send you the following files during the installation:

- **Logo.Gif** – image with your company logo (200 pixels wide by 100 pixels high). This file needs to be placed into **\ediWeb\Forwarding\Images** folder on your web server.
- **Banner.gif** – image to fill the gap to the right of the logo (100 pixels high and width to suit individual design). This file needs to be placed into **\ediWeb\Forwarding\Images** folder on your web server.
- **BaseStyle.css** – Stylesheet file that is responsible for colours and fonts on your web site. The look of any element on the web site can be configured via this file. This file needs to be placed into **\ediWeb\Forwarding**\ folder on your web server.

If you don't like the default settings provided by CargoWise, please contact our Graphic Designer (graphics@cargowise.com) with your specific requirements.

5.4.2 GRAPHICS AND STYLES FOR NEW USERS OF EDIWEBTRACKER

New users of ediWebTracker, who are NOT converting from EagleTrac, need to contact CargoWise's Graphic Designer (graphics@cargowise.com) if they need to customise the look and feel of the ediWeb site.
Please provide the following:

- A copy of the logo you wish to use
- Your colour preferences
- Links to your corporate web site so we can get graphics off your web site if necessary
- Any additional requirements

Our Graphic Designer will arrange ediWeb site customisation for you and will send you graphics to put on your web site along with instructions similar to those in 5.3.1.

6. CHECKLIST

If you are experiencing problems with your ediWebTracker setup, please review the items below and ensure that each step has been completed before contacting support@cargowise.com.

1. Ensure **ASP.NET** is installed and IIS scriptmaps have been updated by running aspnet_regiis –i.
2. Ensure **ASP.NET** version 2.0.50727 is allowed to run by checking the Web Service Extensions in IIS Manager.
3. A valid deployment path is entered in the WebRoot in the Enterprise registry.
4. Ensure that the current version is deployed by running ediLoad.exe -WebDeploy
5. Ensure an ediWebTracker application pool has been created and has an appropriate Configurable Identity selected (IWAM_<MACHINENAME>) (if required).
6. Ensure an ediWeb folder has been created and necessary permissions have been added. This includes Full Control for the IIS Process account (ASPNET, IWAM_<MACHINENAME> or IIS_WPG) and the ediEnterprise Upgraders group. Check that these new or updated permissions have been propagated to all child objects.
7. A valid Website or Virtual Directory has been configured in IIS Manager and configured with the following settings:

- Application pool is set as to use the ediWebTracker application pool.
- An application has been created and “Execute permissions” are set to “Scripts only”.
- The Documents tab includes Default.aspx is in the list of default content pages.
- ASP.NET tab has version 2.0.50727 selected as the ASP.NET version.

8. If Web Server is running Windows 64-bit operation system, do not forget to enable IIS to run 32-bit ASP.NET applications. Look at the following Microsoft Knowledge Base article for details: http://support.microsoft.com/kb/894435
9. Check the web.config files for every web application to ensure they have correct application settings especially for ServerName, DatabaseName and Branch.
10. Check that your system has a valid ediWebTracker License.

If you are still unable to resolve any issues you have, please contact support with detailed screenshots of IIS, any virtual directory or web site configuration dialogs (as shown in this document), a detailed description of the error message you are receiving and a screenshot of Internet Explorer showing any loading errors.