

DOXIM V6.0 Setup & Configuration

(Default Setting: Single Server Scenario)

STEP 1

On the Doxim 6 release, **Doxim** folder as following:

- **ASP\Admin** folder includes all the Admin applications, pages
- **ASP\Common** folder includes Common applications, pages, images and style sheets;
- **ASP\Data** folder has the database connection of the Doxim;
- **ASP\Web** folder includes all the web applications, pages, images and style sheets;
- **ASP\Website** folder includes
- **Bin** folder includes all the applications of the Doxim
- **DB\Upgrading_Script** folder includes all upgrade script
- **DB\SampleDB** folder has Sample database

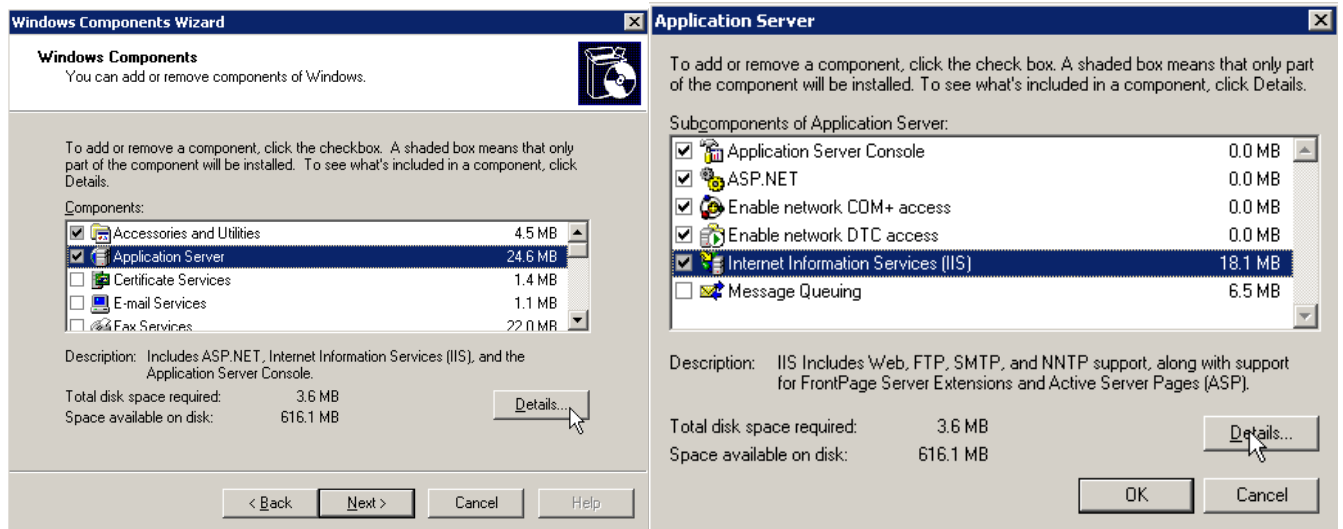
STEP 2

Install Operating System Windows 2000/2003/XP with IIS and Update Patches

- Install Windows 2000/2003/XP;
- Install IIS: Select Add or Remove Programs at Control Panel, click Add/Remove Windows components.
- Install Windows current patches and keep Windows updated.
(IIS should be installed before windows patches, which include .Net Framework.)

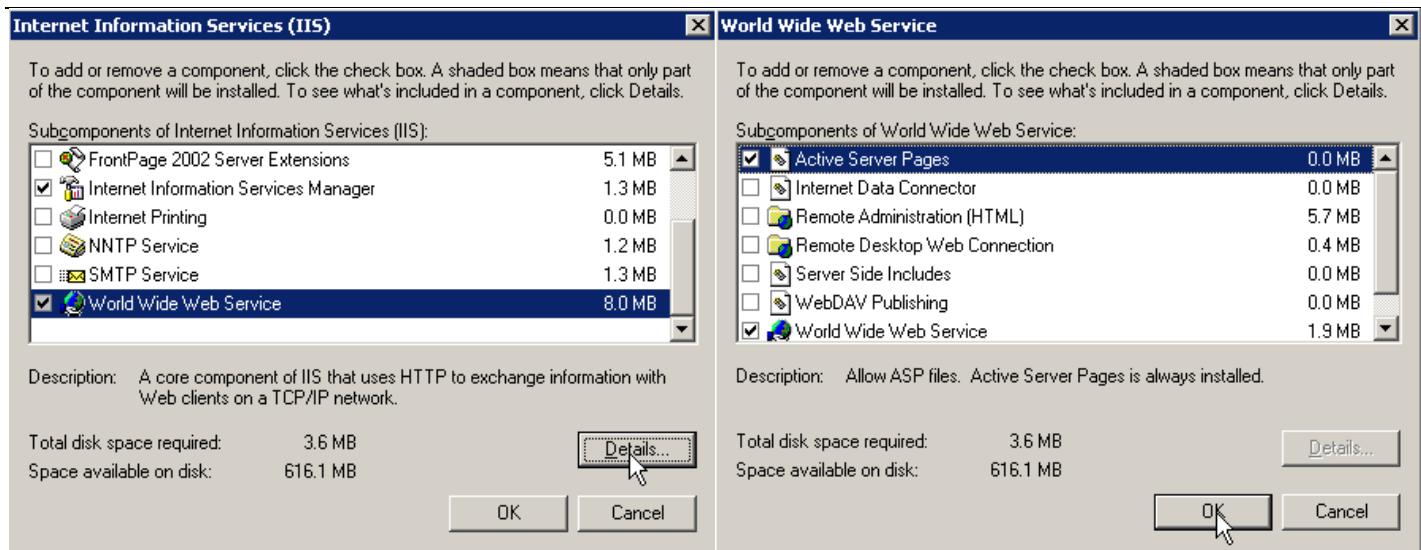
*Setup IIS for Windows 2003/XP as following:

Check [Application Server] option, click [Details] button, Check the options as following and click [Details] button when select [IIS option]

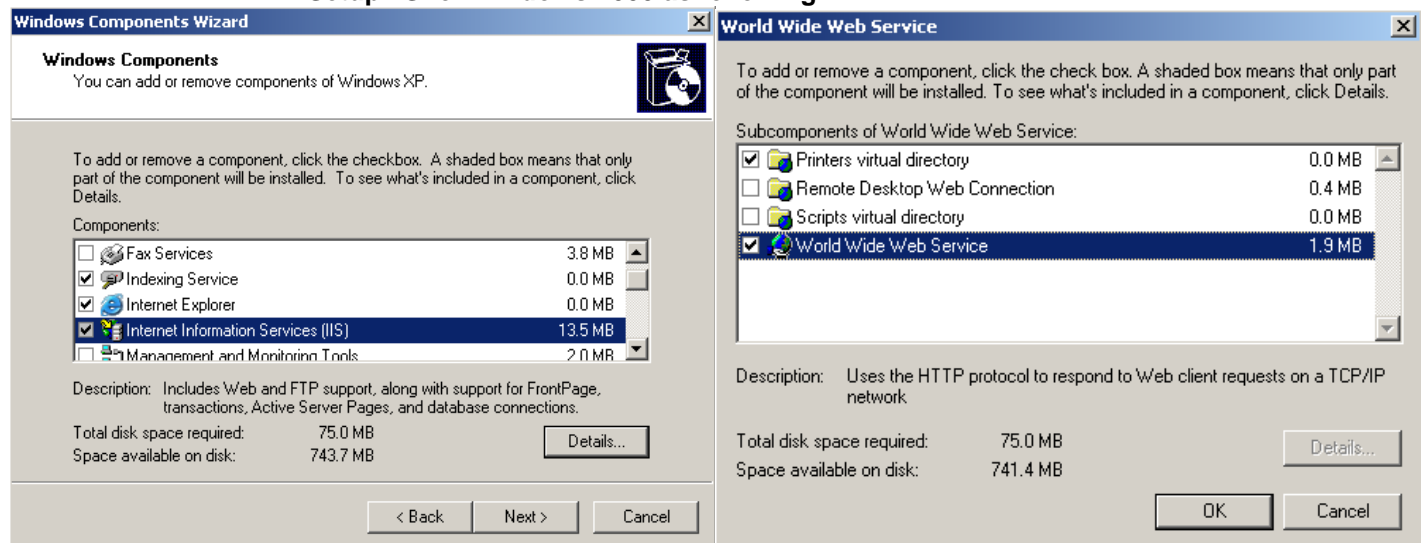


Select [Internet Information Services Manager] and [World Wide Web Services] options, click [Details] button. Check Active Server Pages and World Wide Web Service Options, click OK and Next buttons to start setup.

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***Setup IIS for Windows 2000 as following:**



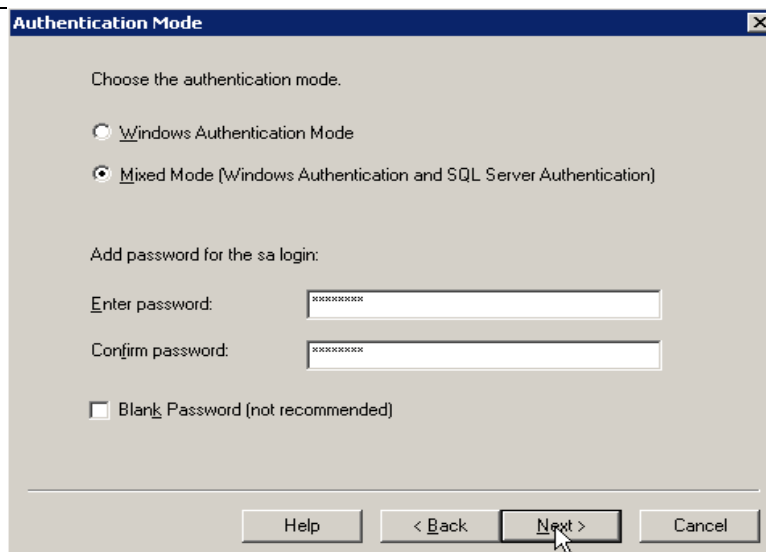
- Click OK and Next to setup;

STEP 3

Install SQLServer 2005

- Install SQLServer 2005;
- Install with default settings but with authentication mode to [Mixed Mode] (blank password)

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Put DOXIM CD into CD-ROM, for example into D: driver

Step 4 Make sure .Net framework 2.0 SP2 is installed. Check files in C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727 and the files version must be 2.0.50727.3053 or greater.

aspnet_filter.dll	7/25/2008 11:16 AM	Application extens...	22 KB	2.0.50727.3053
aspnet_isapi.dll	7/25/2008 11:16 AM	Application extens...	18 KB	2.0.50727.3053
Aspnet_perf.dll	7/25/2008 11:16 AM	Application extens...	34 KB	2.0.50727.3053
aspnet_rc.dll	7/25/2008 11:16 AM	Application extens...	83 KB	2.0.50727.3053

Otherwise, please install .net framework sp2 from D:\Doxim\Install\NetFx20SP2_x86.exe



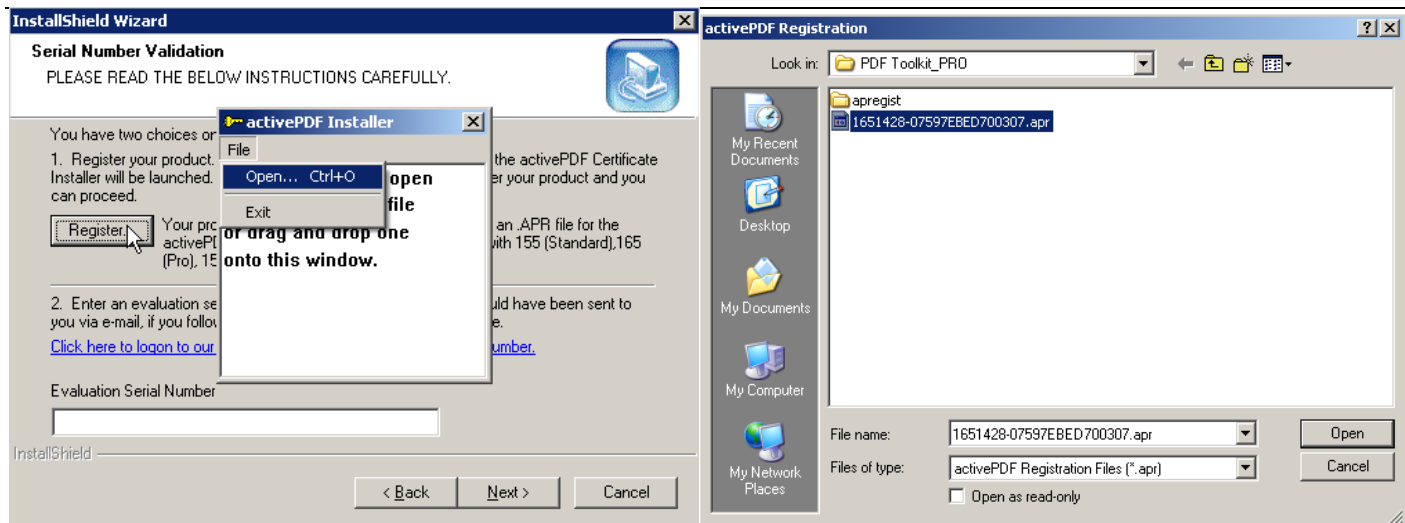
STEP 5 Install File Upload Utility
D:\Doxim\Install\SA-FileUp\SAFileUp328.exe.

STEP 6 Install ImageWriter
D:\Doxim\Install\ImageWriter\ImgWriterV109.exe.

STEP 7 Install PDFToolkit and Update

- Install PDF Toolkit: D:\Doxim\Install\ActivePDF_Toolkit_PRO\aptkit.exe;
- Register the product: use the included .apr file to activate the product by dragging it into the activation window when prompted, or click .\apregist\Actpinst.exe Use File->Open to open the .apr file, click Open;

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- Update PDF Toolkit: D:\Doxim\Install\PDF_Toolkit_PRO\aptkit352sp6.exe;
- Check file APT352U.dll is in C:\WINDOWS\system32\. If file not there, when open stamp (.pdf file) will get error: Unable to load DLL 'APT352U.DLL': The specified module could not be found. (Exception from HRESULT: 0x8007007E)

STEP 8 Download and Install Adobe Acrobat Reader online

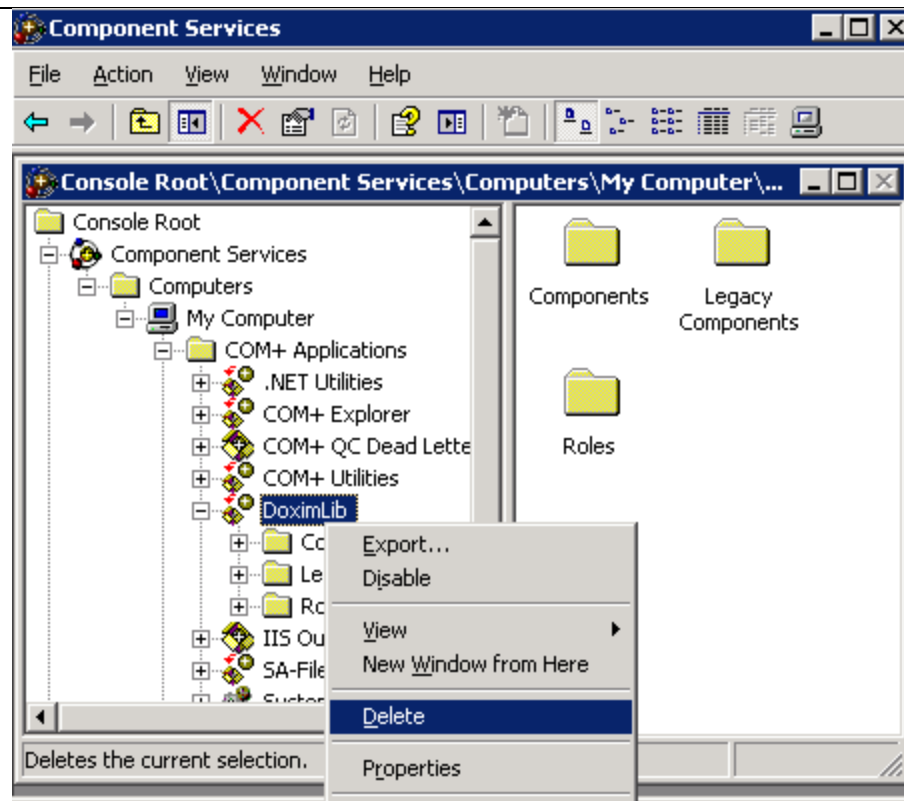
STEP 9 Install the DOXIM Website and Database

- Create a Folder called C:\Doxim;
- Copy all contents of Doxim to this new folder.

STEP 10 Register DoximLib

- Remove existing DoximLib in Com+ applications

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- Double click 'RegisterDLL.bat' to register.
'RegisterDLL.bat' is located at C:\Doxim\Doxim60\Bin

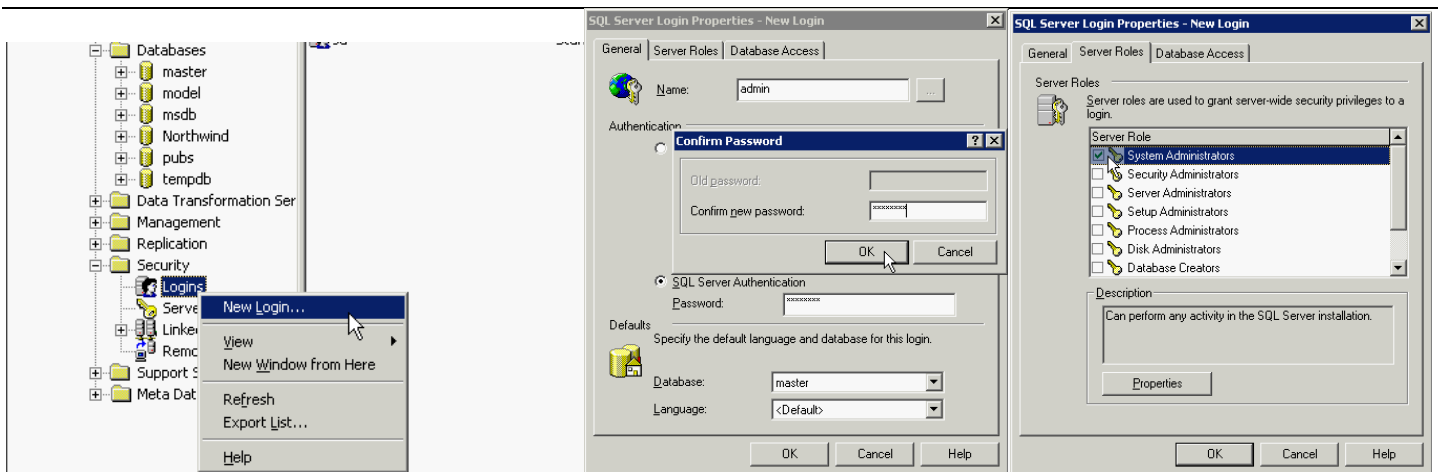
Name	Size	Type
APToolkitNET.dll	60 KB	Application Extension
DoximAction.dll	28 KB	Application Extension
DoximActionCfg.dll	40 KB	Application Extension
DoximAspContext.dll	16 KB	Application Extension
DoximImage.dll	20 KB	Application Extension
DoximLib.dll	440 KB	Application Extension
Interop.ASPTypLibrary.dll	16 KB	Application Extension
Interop.FDFACXLib.dll	11 KB	Application Extension
itextsharp.dll	3,484 KB	Application Extension
PdfKit.dll	24 KB	Application Extension
sx32w.dll	99 KB	Application Extension
USafe32.DLL	124 KB	Application Extension
DoximAction.tlb	3 KB	TLB File
DoximActionCfg.tlb	20 KB	TLB File
DoximAspContext.tlb	3 KB	TLB File
DoximImage.tlb	6 KB	TLB File
DoximLib.tlb	132 KB	TLB File
RegisterDLL.bat	1 KB	Windows Batch File

→ 5 components registered

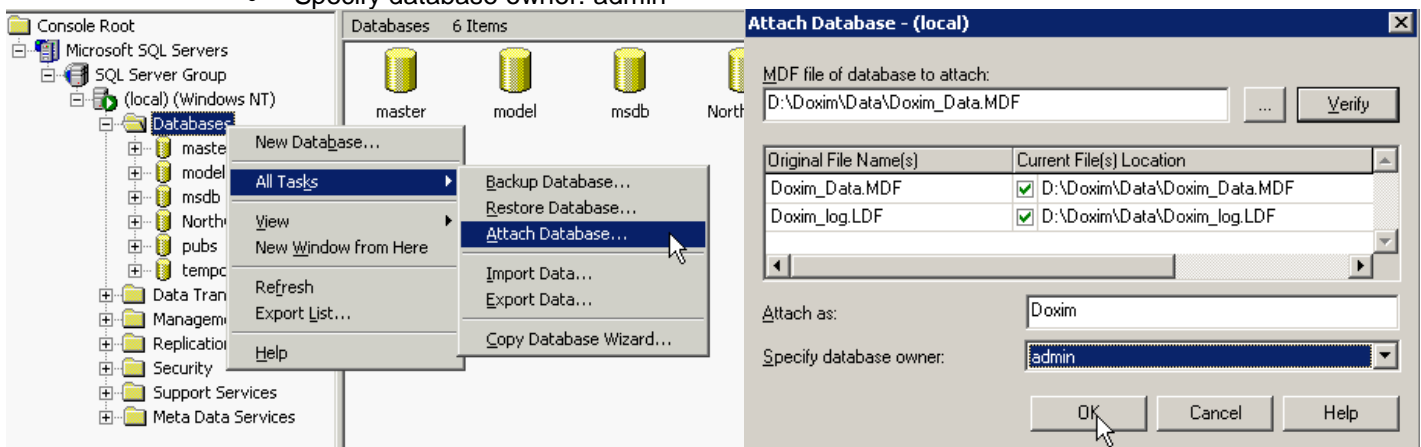
STEP 11 Attach the Doxim database

- Open SQL Server Enterprise Manager, create a new login in SQLSERVER as system administrator with dbo rights to all default databases. Login name: admin Password: adminski
- Click [Server Roles] tab, select [System Administrators]

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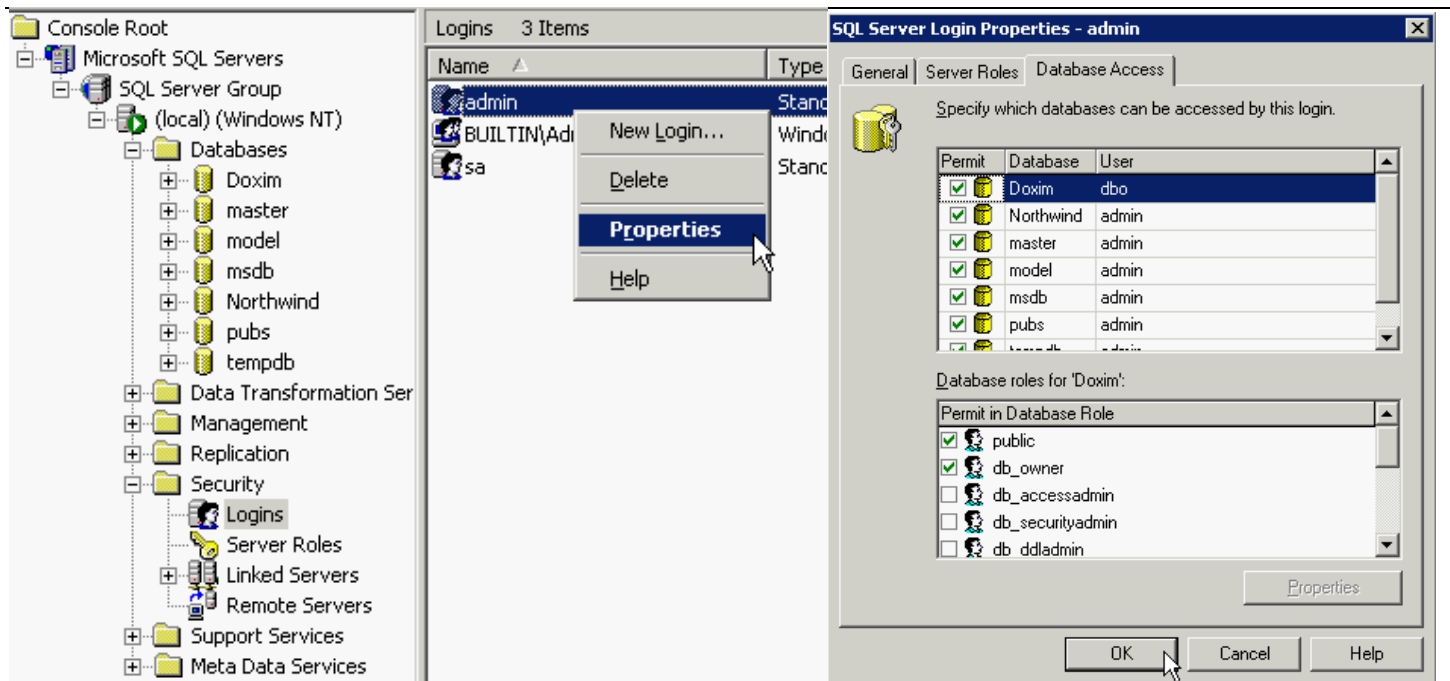


- Right click [Databases] and select [All tasks]→[Attach database]
- Select C:\Doxim\Data\Doxim_Data.mdf as database file
- Attach as: Doxim
- Specify database owner: admin



- Also check to make sure the admin user has public and db_owner rights to the Doxim database.

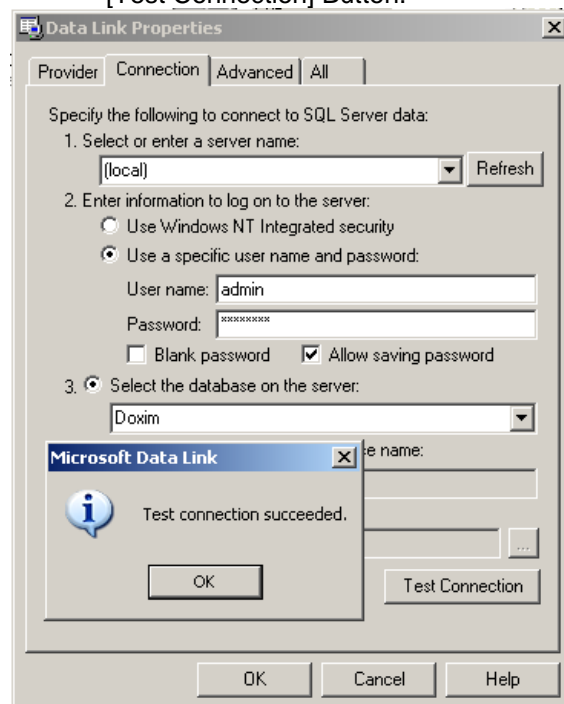
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STEP 12

Test the Doxim link database file

- Double click on C:\Doxim\ASP\Data\Doxim.udl, Select or enter a database server name, Click [Test Connection] Button.



STEP 13

Install Data Access Driver

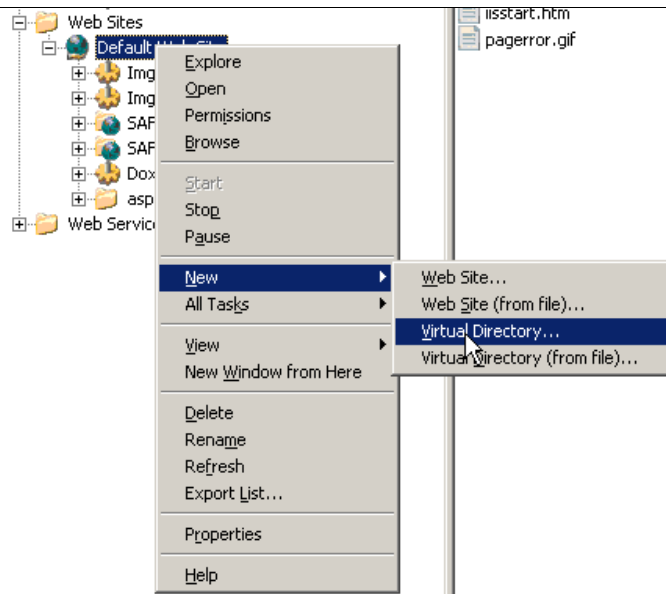
- D:\Doxim\Install\mdac_typ.exe

STEP 14

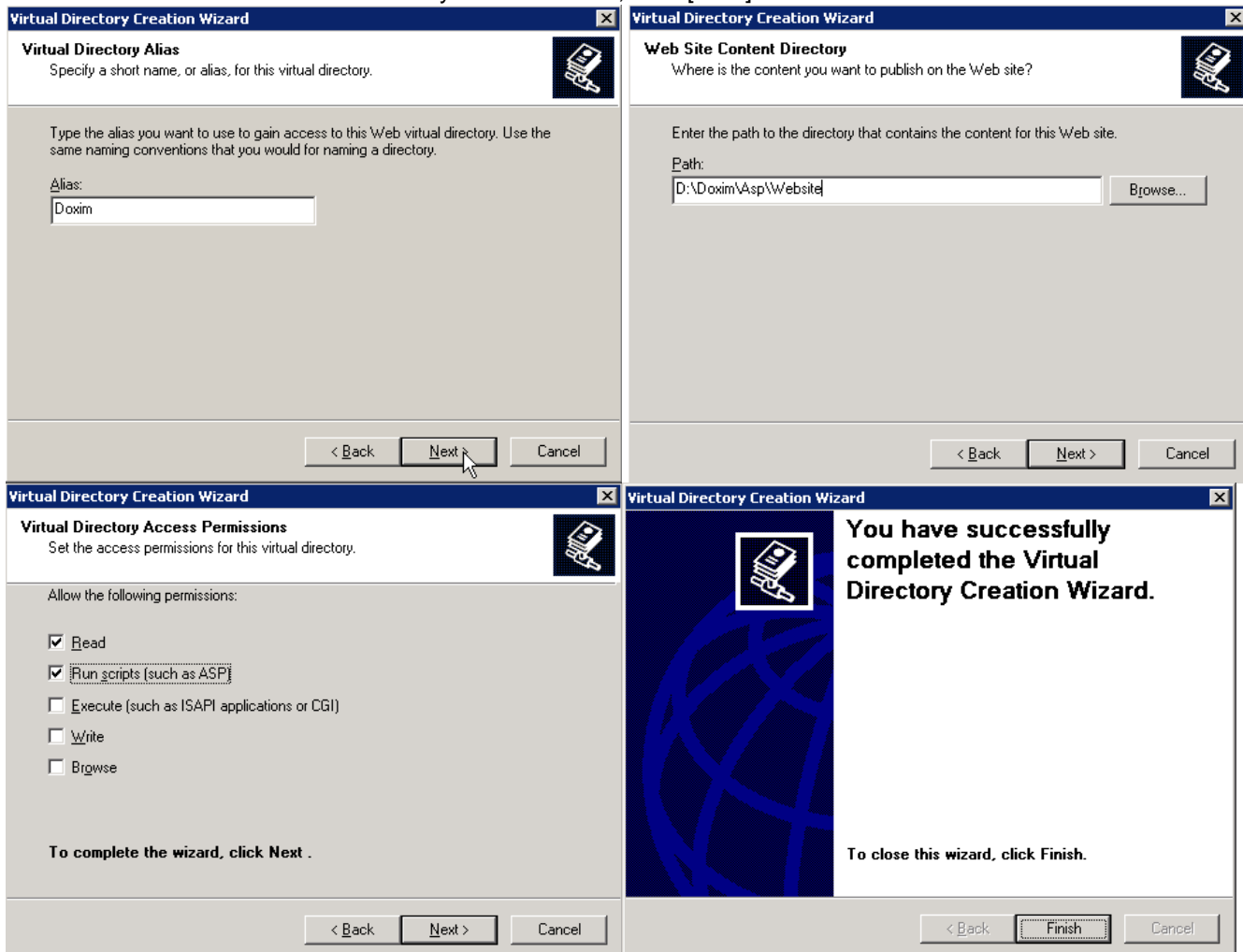
Setup the Doxim website

- Setup Doxim at IIS(Set parent path if OS is Windows 2003);
In IIS, right click Default Web Site -->New → Virtual Directory

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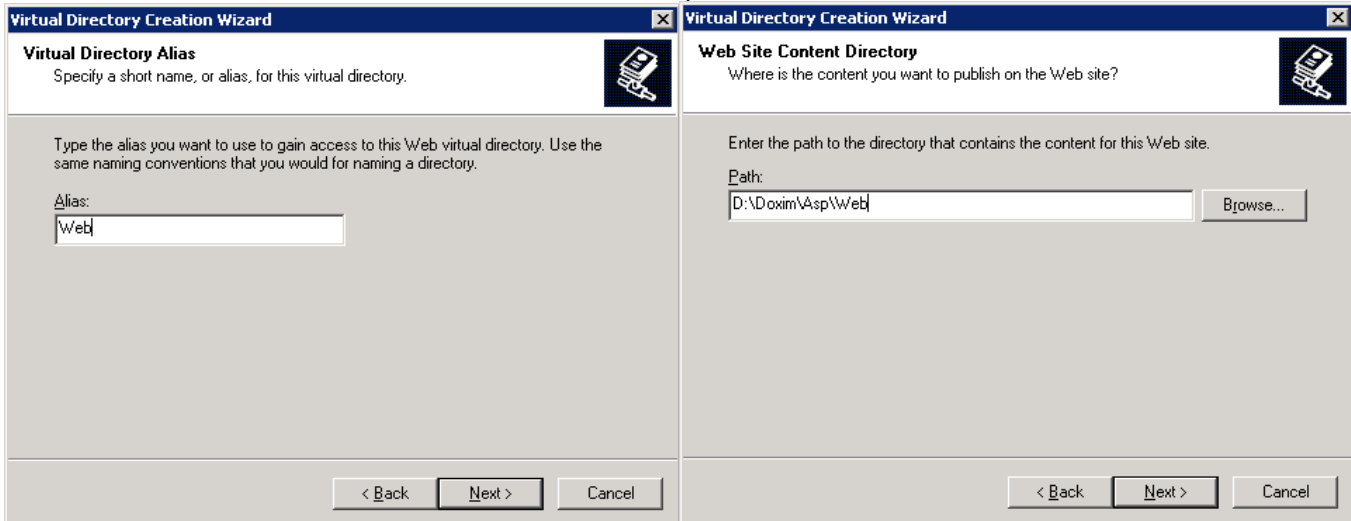
Set Virtual Directory Alias to Doxim, click [Next] and set Path to C:\Doxim\Web\Website



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Set sub Virtual Directory for Doxim

1. Doxim\Admin → Path to C:\Doxim\Asp\Admin
2. Doxim\Common → Path to C:\Doxim\Asp\Common
3. Doxim\Web → Path to C:\Doxim\Asp\Web



Virtual Directory Creation Wizard

Virtual Directory Alias
Specify a short name, or alias, for this virtual directory.

Type the alias you want to use to gain access to this Web virtual directory. Use the same naming conventions that you would for naming a directory.

Alias:
Web

< Back Next > Cancel

Virtual Directory Creation Wizard

Web Site Content Directory
Where is the content you want to publish on the Web site?

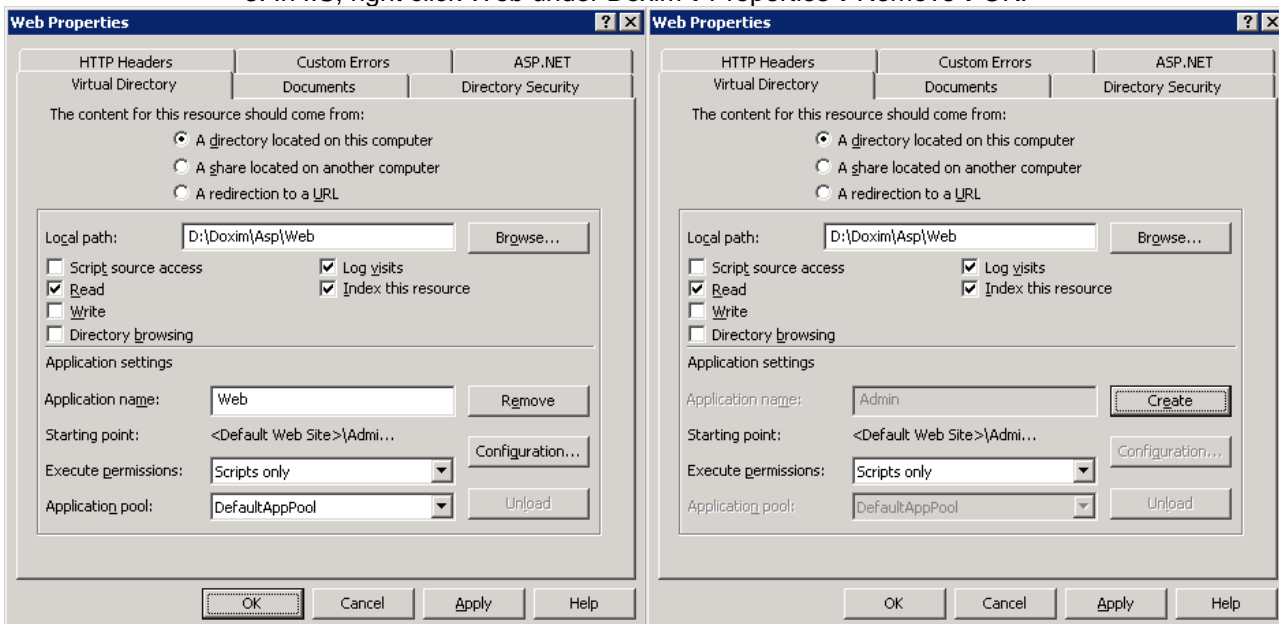
Enter the path to the directory that contains the content for this Web site.

Path:
D:\Doxim\Asp\Web Browse...

< Back Next > Cancel

Setup Store under Doxim

1. In IIS, right click Admin under Doxim → Properties → Remove → OK.
2. In IIS, right click Common under Doxim → Properties → Remove → OK.
3. In IIS, right click Web under Doxim → Properties → Remove → OK.



Web Properties

HTTP Headers Custom Errors ASP.NET
Virtual Directory Documents Directory Security

The content for this resource should come from:

☒ A directory located on this computer
☐ A share located on another computer
☐ A redirection to a URL

Local path: D:\Doxim\Asp\Web Browse...

☐ Script source access ☒ Log visits
☒ Read ☒ Index this resource
☐ Write
☐ Directory browsing

Application settings

Application name: Web Remove

Starting point: <Default Web Site>\Admi... Configuration...

Execute permissions: Scripts only

Application pool: DefaultAppPool Unload

OK Cancel Apply Help

Web Properties

HTTP Headers Custom Errors ASP.NET
Virtual Directory Documents Directory Security

The content for this resource should come from:

☒ A directory located on this computer
☐ A share located on another computer
☐ A redirection to a URL

Local path: D:\Doxim\Asp\Web Browse...

☐ Script source access ☒ Log visits
☒ Read ☒ Index this resource
☐ Write
☐ Directory browsing

Application settings

Application name: Admin Create

Starting point: <Default Web Site>\Admi... Configuration...

Execute permissions: Scripts only

Application pool: DefaultAppPool Unload

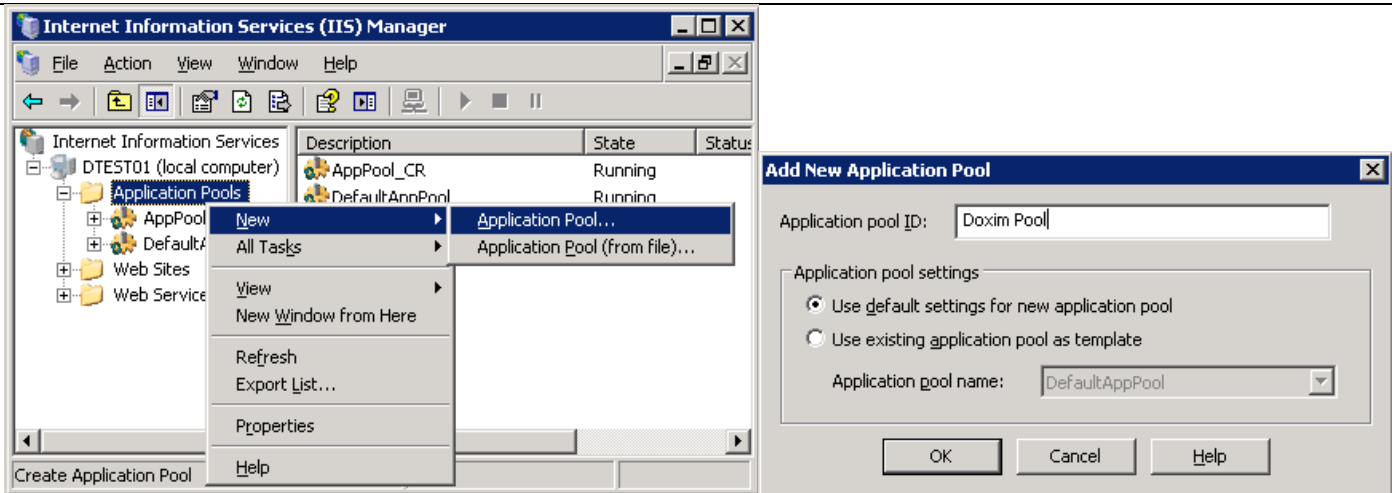
OK Cancel Apply Help

*Create Application pool for each website

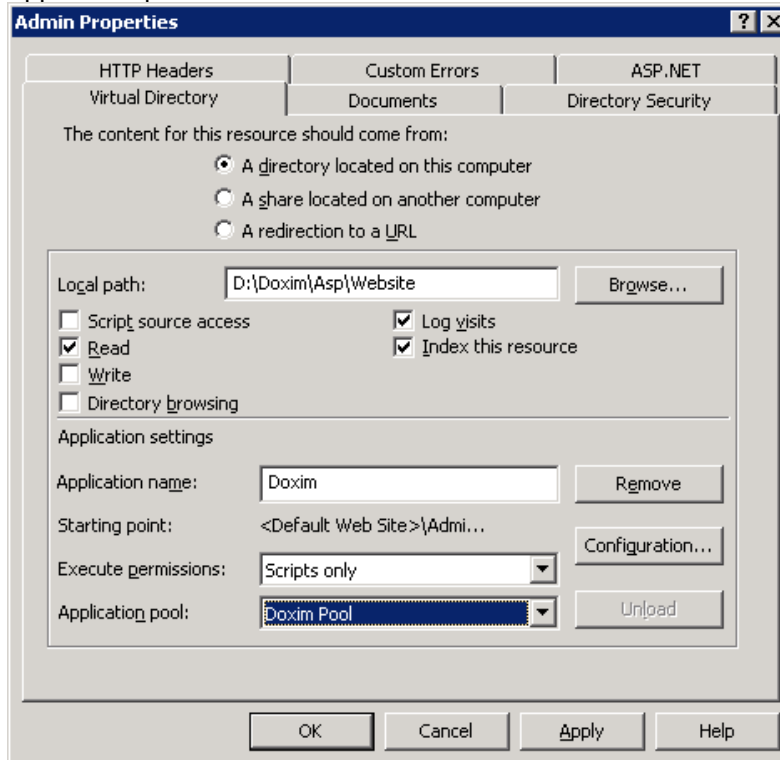
If site has virtual directory, create application pool for each of them.

In IIS, right click Application Pools → New → Application Pool... then input Application pool ID → OK

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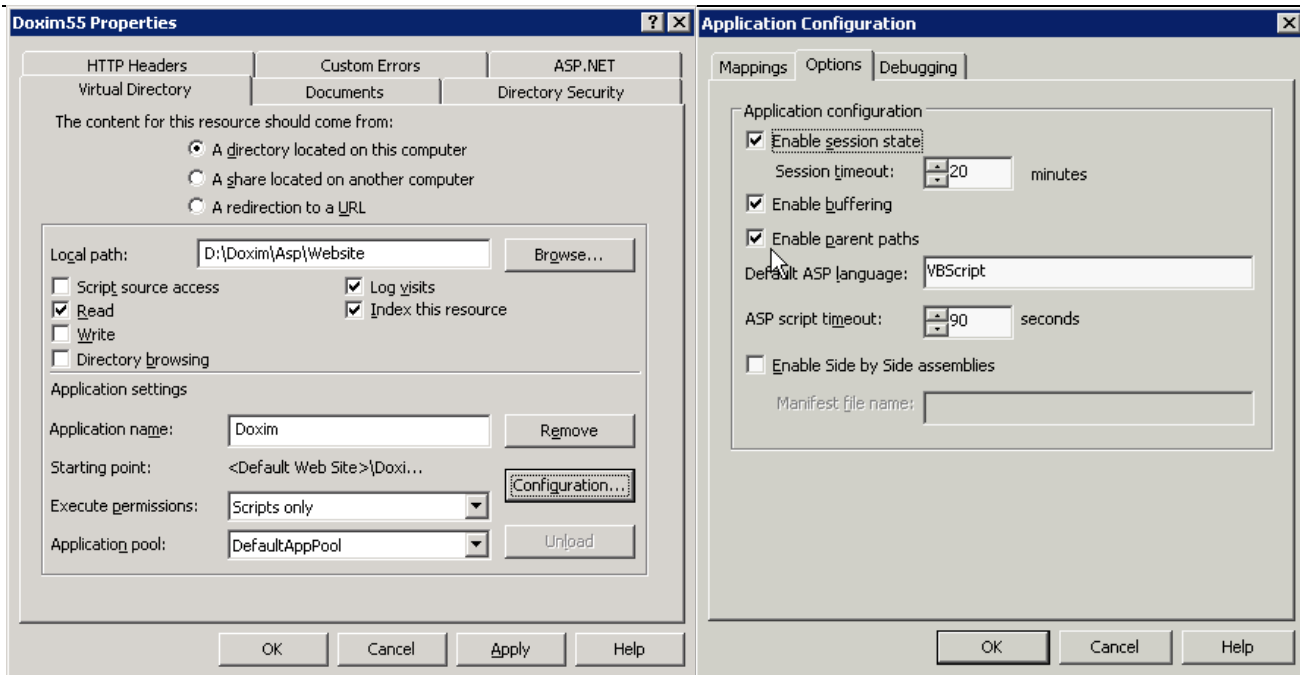


*Assign application pool for each website and virtual directory.
Application pool can't be the same for each website and virtual directory.



*Enable Parent Path for Windows 2003:
In IIS, right click Doxim→Properties→Configuration→Option Tab→Enable parent paths→OK.

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Doxim55 Properties

HTTP Headers | Custom Errors | ASP.NET
Virtual Directory | Documents | Directory Security

The content for this resource should come from:

- ☒ A directory located on this computer
- ☐ A share located on another computer
- ☐ A redirection to a URL

Local path:

☐ Script source access ☒ Log visits
☒ Read ☒ Index this resource
☐ Write
☐ Directory browsing

Application settings

Application name:

Starting point:

Execute permissions:

Application pool:

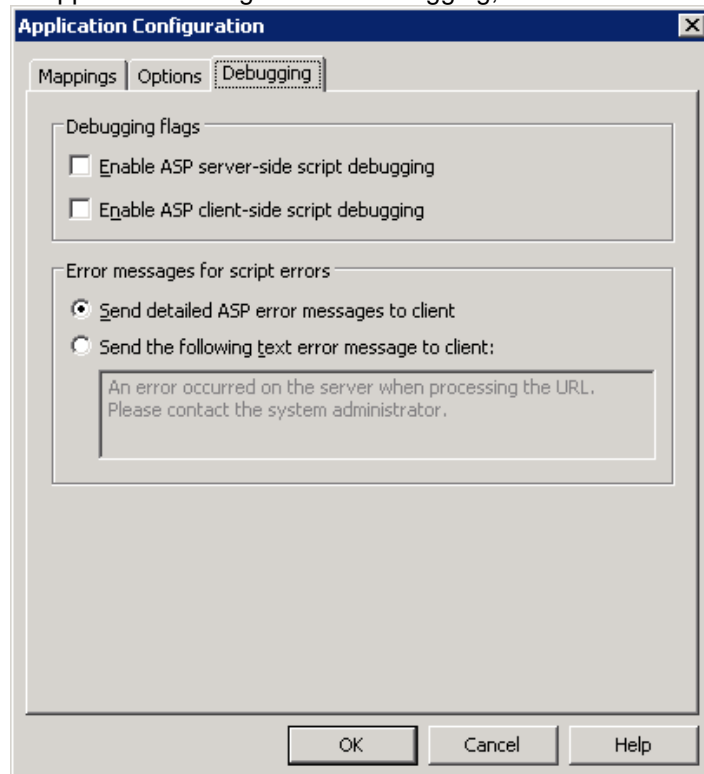
Application Configuration

Mappings | Options | Debugging

Application configuration

- ☒ Enable session state
Session timeout: minutes
- ☒ Enable buffering
- ☒ Enable parent paths
- Default ASP language:
- ASP script timeout: seconds
- ☐ Enable Side by Side assemblies
- Manifest file name:

In Application Configuration→Debugging, check Send Detailed ASP error messages to client→OK



Application Configuration

Mappings | Options | Debugging

Debugging flags

- ☐ Enable ASP server-side script debugging
- ☐ Enable ASP client-side script debugging

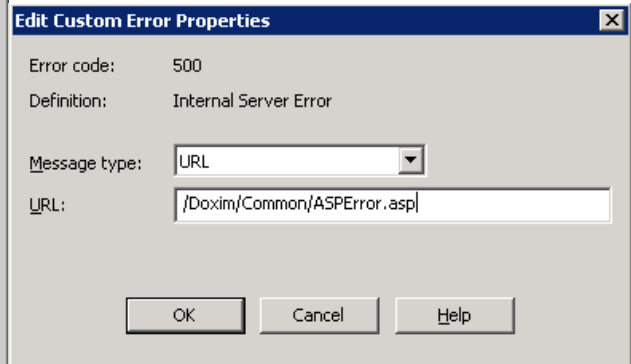
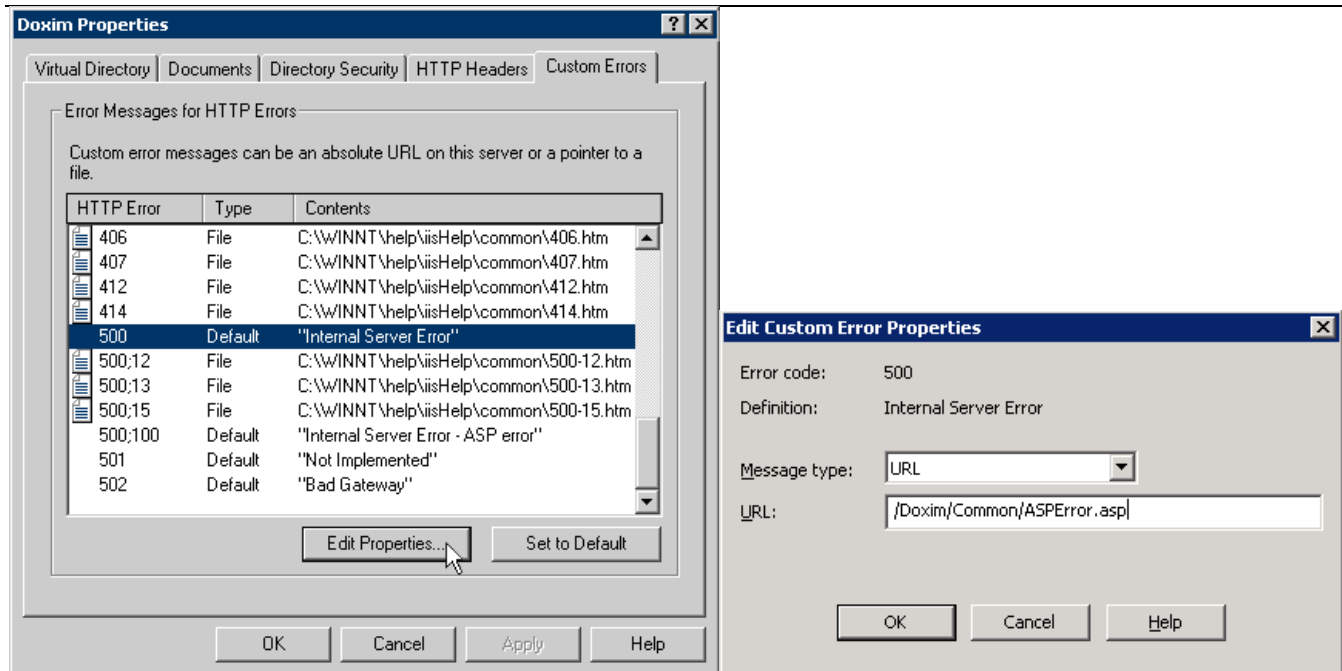
Error messages for script errors

- ☒ Send detailed ASP error messages to client
- ☐ Send the following text error message to client:

* Set Customized Errors:

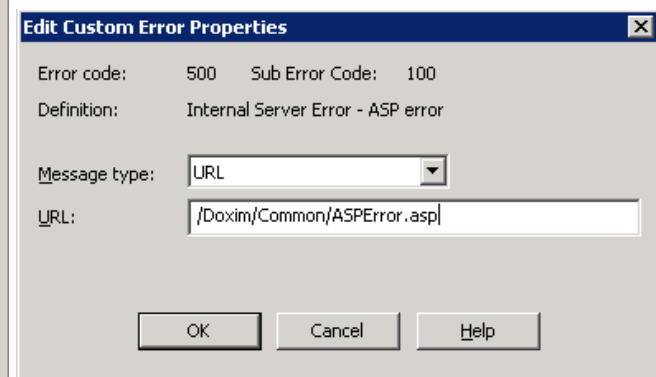
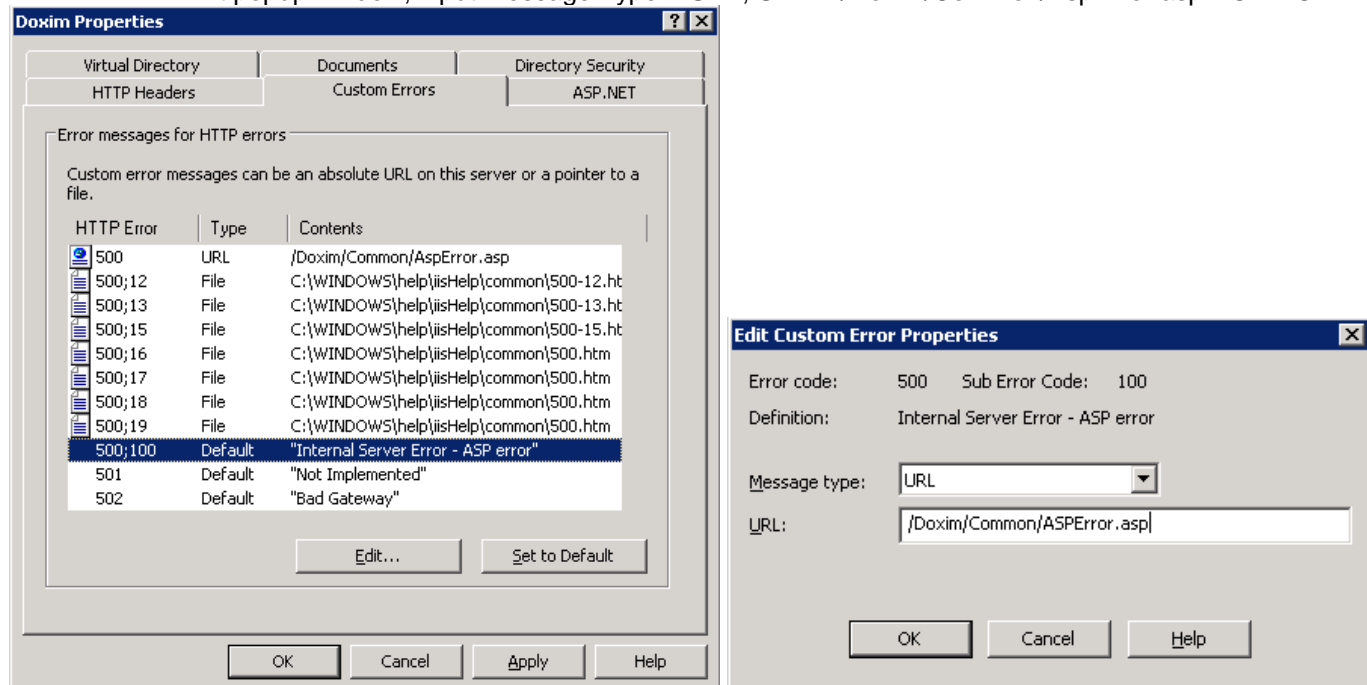
In IIS, right click Web→Properties→Custom Errors→click HTTP Error 500→click Edit Properties:
At popup window, input Message Type = URL, URL = /Doxim/Common/AspError.asp → OK

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Click HTTP Error 500.100 → click Edit Properties:

At popup window, input Message Type = URL, URL = /Doxim/Common/AspError.asp→OK→OK

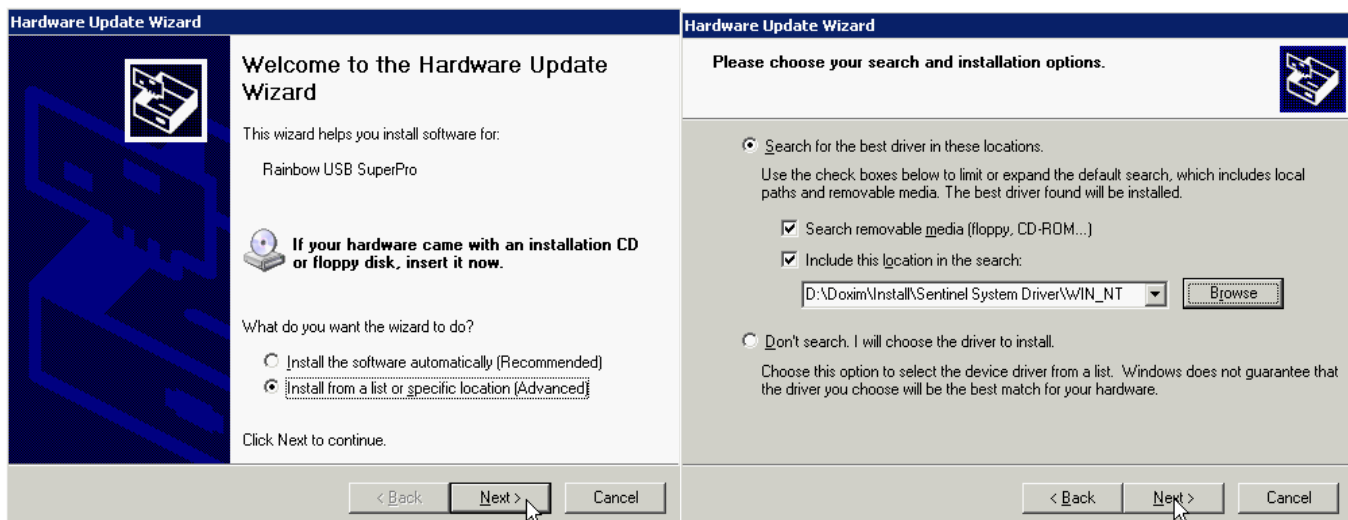
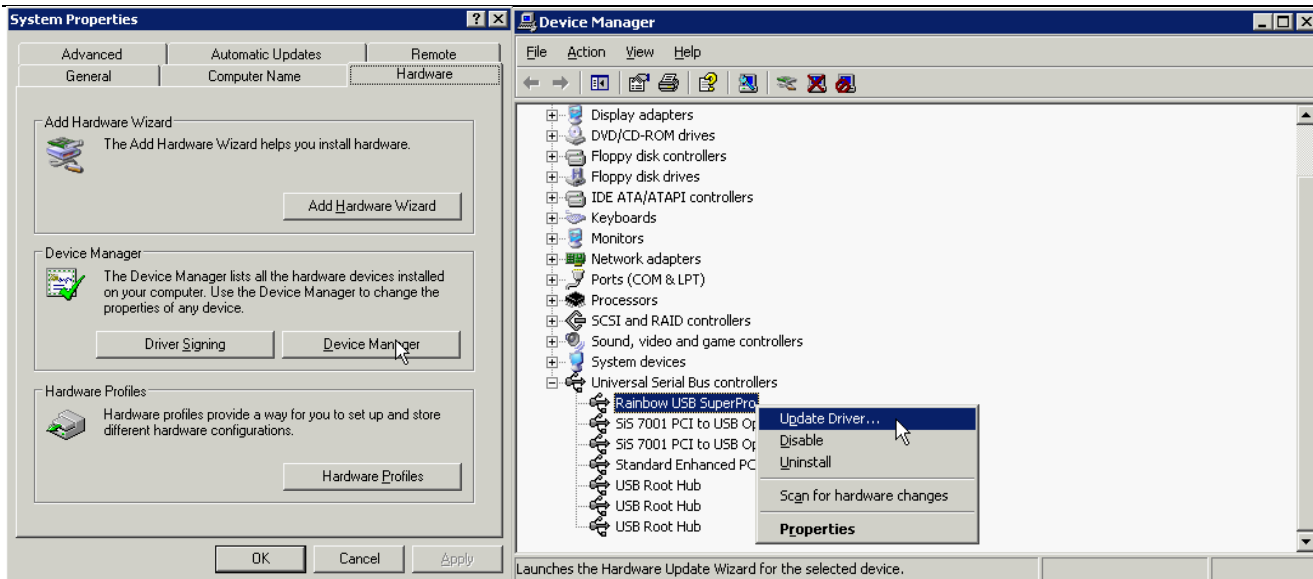


STEP 15

Install key driver (Dongle)

- Put USB key on;
- (XP) Right click My Computer→Properties→
- (Win2003) Start→All Programs→Control Panel→System
- Hardware Tab→Device Manager→USB Controllers→Update Driver→Install from list or specific location→check include this location in the search→D:\Doxim\Install\Sentinel System Driver\WIN_NT\i386

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- Install Sentinel protection service, double click Sentinel Protection Installer 7.5.0.exe

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- click Next, check I accept ..., →Next→Next→Install→Yes→Finish
- check Services:

Name	Description	Status	Startup Type	Log On As
Sentinel Keys Server	Manages Sentinel Hardware keys attached to this computer.	Started	Automatic	Local Syst

Setup is done

- Reboot System;
- Login to Doxim, click [Administration]→[System]→[License] to test it.
- Setup: Dongle Server:

License On Key Server: ISOLR033			
	Total	Used	Available
Companies:	43	2	41
Users:	65535	26	65509
Documents:	25010000	5607729	19402271
Imaging:	Enabled		
Store:	Disabled		
SSP:	Disabled		





















- License: the number depend on the key value

Step 16

Setup FDF (for the company need FormFill function)

- Copy Install\FDFInstall*.dll to \Lib
- Add Reference Interop.FDFACXLib.dll to DoximLib
- Start -> Run Open: regsvr32 D:\Doxim\Install\FDFInstall\FDFACX.Dll ->OK

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Name	Size	Type ^
 APToolkitNET.dll	60 KB	Application Extension
 DoximAction.dll	28 KB	Application Extension
 DoximActionCfg.dll	40 KB	Application Extension
 DoximAspContext.dll	16 KB	Application Extension
 DoximImage.dll	20 KB	Application Extension
 DoximLib.dll	440 KB	Application Extension
 FDFACX.DLL	100 KB	Application Extension
 FdfTk.dll	620 KB	Application Extension
 Interop.ASPTYPELibrary.dll	16 KB	Application Extension
 Interop.FDFACXLib.dll	11 KB	Application Extension
 itextsharp.dll	3,484 KB	Application Extension
 Pdkit.dll	24 KB	Application Extension
 sx32w.dll	99 KB	Application Extension
 USafe32.DLL	124 KB	Application Extension
 DoximAction.tlb	3 KB	TLB File
 DoximActionCfg.tlb	20 KB	TLB File
 DoximAspContext.tlb	3 KB	TLB File
 DoximImage.tlb	6 KB	TLB File
 DoximLib.tlb	132 KB	TLB File
 RegisterDLL.bat	1 KB	Windows Batch File

Step 17

Setup Asp buffer limit

It is an issue brought by Windows 2003 OS “Response buffer limit”, the default size is 4MB, Follow steps to modify the limit to 50MB.

1. Click **Start→Run**, type **cmd**, and then click **OK**.
2. Type command: **cd /d %SystemDrive%\inetpub\AdminScripts** press **Enter**
3. Type command: **cscript.exe adsutil.vbs SET w3svc/aspbufferinglimit 52428800** press **Enter**