

HOWTO: Installation of Microsoft Office SharePoint Server 2007

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Change log:

Version	Date	Editor	Description
1.0	March 6 th 2007	Yorick Kuijs	First version
1.5	July 27 th 2007	Yorick Kuijs	Corrected error, updated to SQL SP2 and added extra customizations
1.6	November 23 rd 2007	Yorick Kuijs	Added extra configuration steps and installation of Public Update of October 9th
2.0	June 3 rd 2008	Yorick Kuijs	Added .NET and MOSS Service Packs

Prerequisites

- Windows Server 2003/ Windows Server 2003 R2
 - Any edition will do, but with web edition functionality is limited
- Internet Information Server 6 (IIS6)
- .NET Framework 3.0
- SQL Server 2000 SP4 or SQL Server 2005 SP2 (Recommended)
- Active Directory (if you want to create a server farm)
- 1 Service account for SQL Server
- 6 Service accounts for SharePoint:
 - Configuration database account
 - Search service account
 - Index service account
 - Shared service provider account
 - Shared service provider Web application account
 - Web application account

NOTE: Perform installation using a user account which has administrative privileges.

Step -1: Do I need an Active Directory

Microsoft Office SharePoint Server 2007 only requires an Active Directory when you use more than one server. The servers then need to communicate with each other using central user accounts.

When you are just installing one server, an Active Directory is not required. All accounts can be created on the local server. When installing a server in a corporate network, often an Active Directory is already present. If so, create the accounts in the Active Directory. This ensures that MOSS2007 has access to the Active Directory if you want to use profile import.

So if you are creating a single server farm installation in (for example) Virtual PC, you do not need an Active Directory. But if you want to use one of the following functionalities you do need to configure an Active Directory:

- Use Profile Import.
- Install Microsoft Exchange to be able to send alerts.

Step 0: Install OS, including all Service Packs and patches

NOTE: SQL Server 2005 requires Windows Server 2003 SP1

Step 1: Create required Service Accounts

The required accounts can be configured as regular Domain Users.

Account name	Purpose
sa_MOSS2007	MOSS Configuration Database Account
sa_MOSS2007Crawl	MOSS Content Access Account
sa_MOSS2007Search	MOSS Search Account
sa_MOSS2007SQL	MOSS SQL Service Account
sa_MOSS2007SSP	MOSS Shared Services Provider Account
sa_MOSS2007SSPwebapp	MOSS Shared Services Provider Web Application Account
sa_MOSS2007webapp	MOSS Web Application Account

Step 2: Create DNS hostnames

- If you have a DNS infrastructure (when in corporate network or with Active Directory present), you have to create DNS hostnames.
- If you do not have a DNS infrastructure, you have to create the hostnames in the local hosts file.

Host name	Purpose
shareservices.<domainname>	Hosts MOSS2007 Shared Services
mysite.<domainname>	Hosts MySites
portal.<domainname>	Hosts a portal
teamsite.<domainname>	Hosts teamsites

In the DNS: All hostnames are CNAMEs (Canonical Names or Aliases) of the MOSS web server.

Step 3: Install IIS + ASP.NET


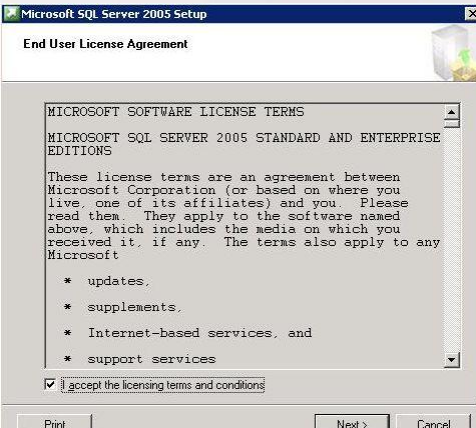
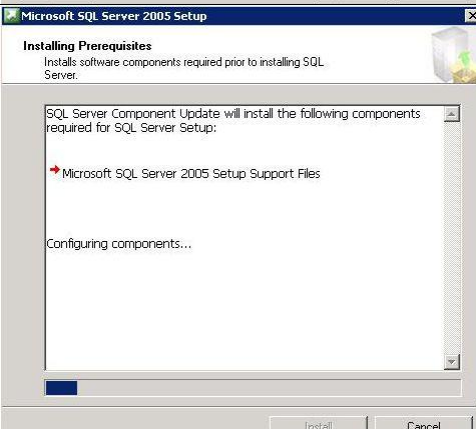
Start > Settings > Control Panel > Add/Remove Programs > Add/Remove Windows Components or use script which you can download from:

<http://www.xs4all.nl/~ykuijs/iis6inst.zip>

This script will install IIS 6 and place the InetPub directory on the D drive, something you cannot do via the GUI.

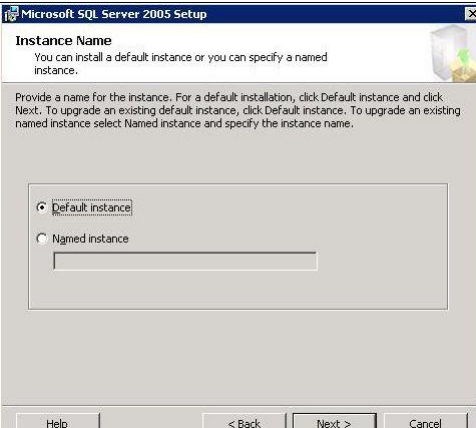


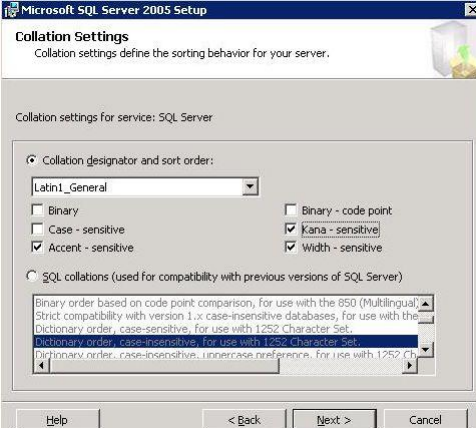
Step 4: Install SQL Server

SQL Server 2005 will be used. This requires Windows Server 2003 Service Pack 1 to be installed. Install this Service Pack and all missing patches.

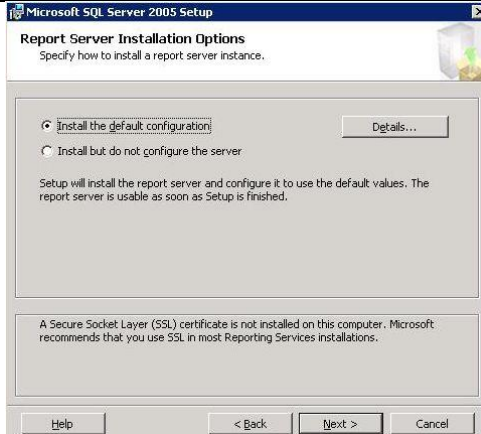
Step	
<p>Start the installation by placing the DVD into the DVD drive. The splash screen will start.</p> <p>Click "Server components, tools, Books Online and samples" under "Install".</p>	 <p>The screenshot shows the 'Start' screen for SQL Server 2005 (Disc 1 of 2). It features a central graphic of an open box with a green arrow pointing to the right. Below the graphic, it says: 'Launch the Installation Wizard to install server components, management tools, development tools, Books Online, and samples. This selection will require both SQL Server 2005 installation discs.' To the right, there are three main sections: 'Prepare' with links for 'Review hardware and software requirements', 'Read the release notes', and 'Install SQL Server Upgrade Advisor'; 'Install' with a link for 'Server components, tools, Books Online, and samples' and a note to 'Run the SQL Native Client Installation Wizard'; and 'Other Information' with links for 'Browse this CD', 'Visit the SQL Server website', and 'Read the SQL Server license agreement'. An 'Exit' button is in the bottom right corner.</p>
<p>Accept the license agreement and click "Next".</p>	 <p>The screenshot shows the 'End User License Agreement' window in the Microsoft SQL Server 2005 Setup. The title bar reads 'Microsoft SQL Server 2005 Setup'. The main content area displays the 'MICROSOFT SOFTWARE LICENSE TERMS' for 'MICROSOFT SQL SERVER 2005 STANDARD AND ENTERPRISE EDITIONS'. The text explains that these terms are an agreement between Microsoft Corporation and the user. A list of terms includes updates, supplements, Internet-based services, and support services. At the bottom, there is a checkbox labeled 'I accept the licensing terms and conditions', which is checked. 'Print', 'Next >', and 'Cancel' buttons are visible at the bottom of the window.</p>
<p>Setup will install some required components.</p>	 <p>The screenshot shows the 'Installing Prerequisites' window in the Microsoft SQL Server 2005 Setup. The title bar reads 'Microsoft SQL Server 2005 Setup'. The main content area states: 'SQL Server Component Update will install the following components required for SQL Server Setup:'. A list shows 'Microsoft SQL Server 2005 Setup Support Files' with a red arrow pointing to it. Below the list, it says 'Configuring components...'. A progress bar is at the bottom left. 'Install' and 'Cancel' buttons are at the bottom right.</p>

<p>Click "Next"</p>																																		
<p>Setup will perform a system configuration check.</p> <p>When finished, see if any major errors are found. If not, click "Next"</p>	<table border="1"> <thead> <tr> <th>Success</th> <th>14 Total</th> <th>0 Error</th> </tr> </thead> <tbody> <tr> <td>14 Success</td> <td></td> <td>0 Warning</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Action</th> <th>Status</th> <th>Message</th> </tr> </thead> <tbody> <tr><td>IIS Feature Requirement</td><td>Success</td><td></td></tr> <tr><td>Pending Reboot Requirement</td><td>Success</td><td></td></tr> <tr><td>Performance Monitor Counter Require...</td><td>Success</td><td></td></tr> <tr><td>Default Installation Path Permission Re...</td><td>Success</td><td></td></tr> <tr><td>Internet Explorer Requirement</td><td>Success</td><td></td></tr> <tr><td>CDM Plus Catalog Requirement</td><td>Success</td><td></td></tr> <tr><td>ASP.Net Version Registration Require...</td><td>Success</td><td></td></tr> <tr><td>Minimum MDAC Version Requirement</td><td>Success</td><td></td></tr> </tbody> </table>	Success	14 Total	0 Error	14 Success		0 Warning	Action	Status	Message	IIS Feature Requirement	Success		Pending Reboot Requirement	Success		Performance Monitor Counter Require...	Success		Default Installation Path Permission Re...	Success		Internet Explorer Requirement	Success		CDM Plus Catalog Requirement	Success		ASP.Net Version Registration Require...	Success		Minimum MDAC Version Requirement	Success	
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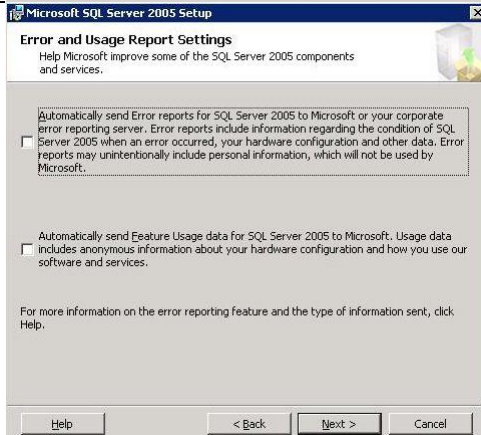
<p>Enter Name and Company</p>	
<p>On the “Components to Install”, click “Advanced”</p>	
<p>On the Feature selection page, select the following components:</p> <ul style="list-style-type: none"> - Database Services <ul style="list-style-type: none"> o Data Files o Shared Tools - Reporting Services <ul style="list-style-type: none"> o Report Manager o Shared Tools - Client Components <ul style="list-style-type: none"> o Connectivity Components o Management Tools <p>Change the installation path for the Data Files to D:\Program Files\Microsoft SQL Server\ by clicking “Browse” and changing the default path.</p> <p>Click “Next”</p>	

<p>Install Default Instance</p> <p>Click "Next"</p>	 <p>The screenshot shows the 'Instance Name' step of the Microsoft SQL Server 2005 Setup wizard. The 'Default instance' radio button is selected. The 'Named instance' option is unselected, and its text box is empty. The 'Next >' button is highlighted.</p>
<p>Enter the credentials for the SQL service account and select the checkbox SQL Server Agent.</p> <p>Click "Next"</p>	 <p>The screenshot shows the 'Service Account' step. The 'Use a domain user account' radio button is selected. The 'Username' field contains 'sa_MOSS2007SQL', the 'Password' field contains '*****', and the 'Domain' field contains 'DOMAIN'. The 'SQL Server Agent' checkbox is checked. The 'Next >' button is highlighted.</p>
<p>Leave "Authentication Mode" default and click "Next"</p>	 <p>The screenshot shows the 'Authentication Mode' step. The 'Windows Authentication Mode' radio button is selected. Below, there are two empty text boxes for 'Enter password:' and 'Confirm password:'. The 'Next >' button is highlighted.</p>
<p>IMPORTANT: Select collation as:</p> <ul style="list-style-type: none"> - Latin1_General - Accent - sensitive - Kana - sensitive - Width - sensitive <p>Click "Next"</p>	 <p>The screenshot shows the 'Collation Settings' step. The 'Collation (designator and sort order)' dropdown is set to 'Latin1_General'. The 'Case - sensitive' checkbox is checked, and the 'Accent - sensitive' checkbox is checked. The 'Kana - sensitive' and 'Width - sensitive' checkboxes are also checked. The 'Next >' button is highlighted.</p>

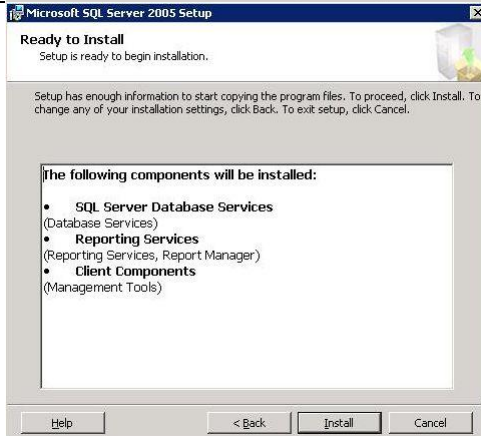
Leave "Report Server Installation Options" default and click "Next"



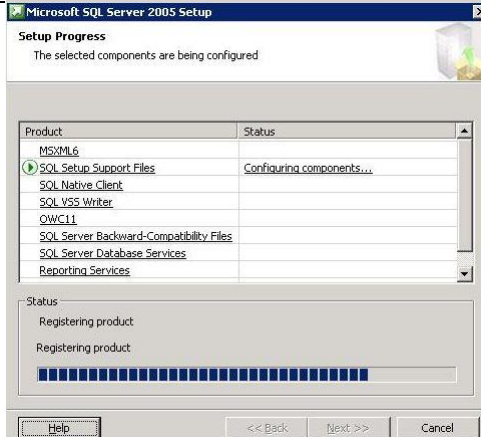
If you like to send error reports to Microsoft, select the appropriate options and click "Next"



Review the displayed options and click "Install" if ok.



Setup will start installing SQL Server 2005.

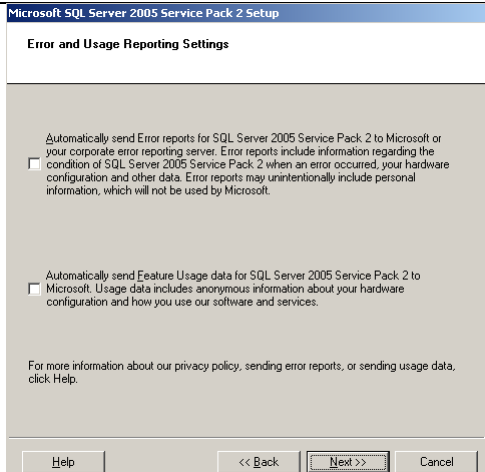
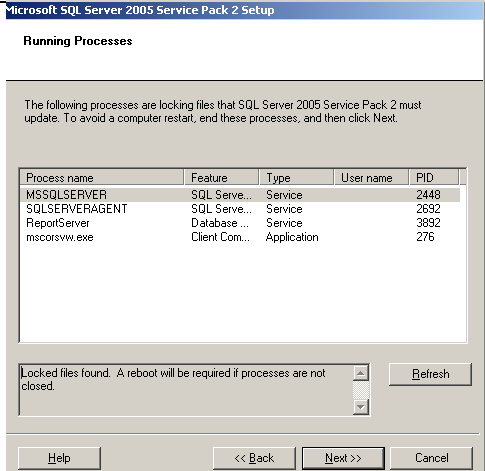
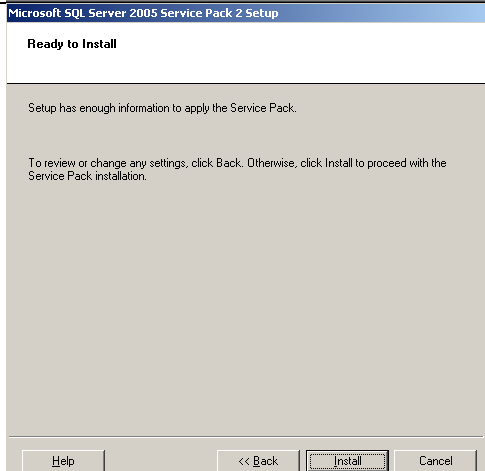


<p>If finished, click "Next"</p>	
<p>Click "Finish"</p>	

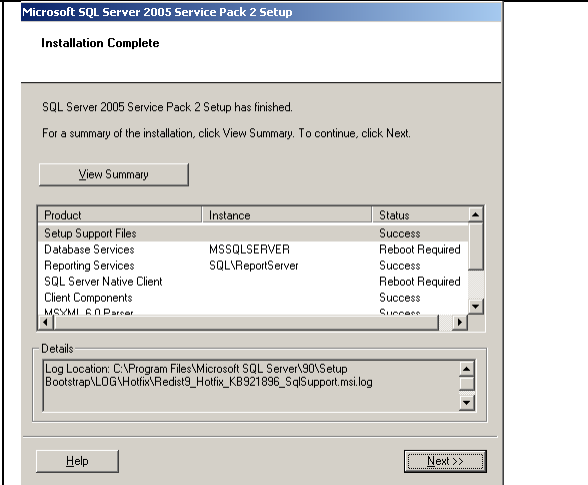
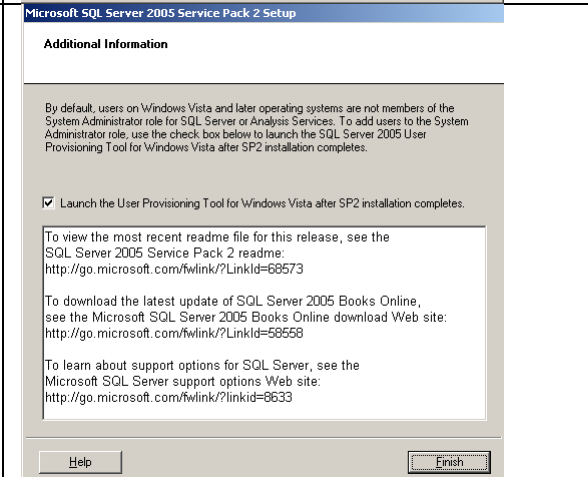
Step 5: Install SQL 2005 SP2

Step	
<p>Start the setup package</p>	

<p>Select the checkbox “I accept the licensing terms and conditions” and click “Next”</p>	
<p>Accept the default settings and click “Next”</p>	
<p>Accept the default settings and click “Next”</p>	

<p>Accept the default settings and click "Next"</p>	 <p>Microsoft SQL Server 2005 Service Pack 2 Setup</p> <p>Error and Usage Reporting Settings</p> <p>Automatically send Error reports for SQL Server 2005 Service Pack 2 to Microsoft or your corporate error reporting server. Error reports include information regarding the condition of SQL Server 2005 Service Pack 2 when an error occurred, your hardware configuration and other data. Error reports may unintentionally include personal information, which will not be used by Microsoft.</p> <p><input type="checkbox"/> Automatically send Feature Usage data for SQL Server 2005 Service Pack 2 to Microsoft. Usage data includes anonymous information about your hardware configuration and how you use our software and services.</p> <p>For more information about our privacy policy, sending error reports, or sending usage data, click Help.</p> <p>Help << Back Next >> Cancel</p>																									
<p>Close all programs which are locking files to prevent a reboot or continue and reboot after installation.</p> <p>Click "Next"</p>	 <p>Microsoft SQL Server 2005 Service Pack 2 Setup</p> <p>Running Processes</p> <p>The following processes are locking files that SQL Server 2005 Service Pack 2 must update. To avoid a computer restart, end these processes, and then click Next.</p> <table border="1"> <thead> <tr> <th>Process name</th> <th>Feature</th> <th>Type</th> <th>User name</th> <th>PID</th> </tr> </thead> <tbody> <tr> <td>MSSQLSERVER</td> <td>SQL Serve...</td> <td>Service</td> <td></td> <td>2448</td> </tr> <tr> <td>SQLSERVERAGENT</td> <td>SQL Serve...</td> <td>Service</td> <td></td> <td>2632</td> </tr> <tr> <td>ReportServer</td> <td>Database ...</td> <td>Service</td> <td></td> <td>3032</td> </tr> <tr> <td>mscorsvnt.exe</td> <td>Client Com...</td> <td>Application</td> <td></td> <td>276</td> </tr> </tbody> </table> <p>Locked files found. A reboot will be required if processes are not closed.</p> <p>Refresh</p> <p>Help << Back Next >> Cancel</p>	Process name	Feature	Type	User name	PID	MSSQLSERVER	SQL Serve...	Service		2448	SQLSERVERAGENT	SQL Serve...	Service		2632	ReportServer	Database ...	Service		3032	mscorsvnt.exe	Client Com...	Application		276
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<p>Click "Install"</p>	 <p>Microsoft SQL Server 2005 Service Pack 2 Setup</p> <p>Ready to Install</p> <p>Setup has enough information to apply the Service Pack.</p> <p>To review or change any settings, click Back. Otherwise, click Install to proceed with the Service Pack installation.</p> <p>Help << Back Install Cancel</p>																									

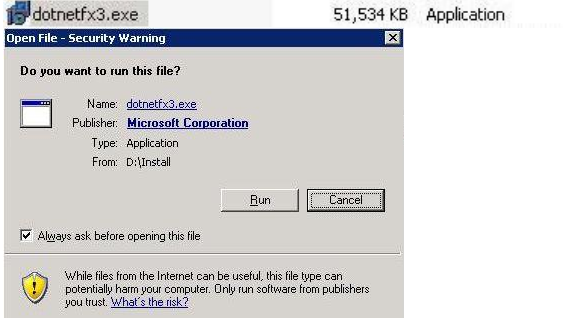
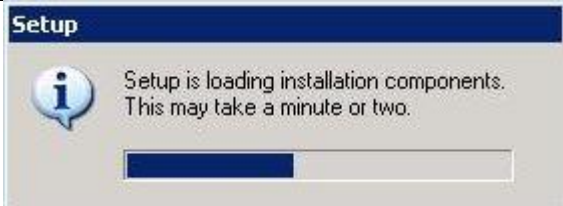
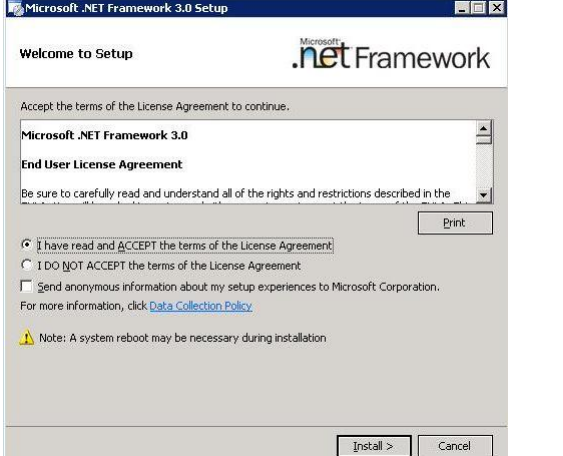
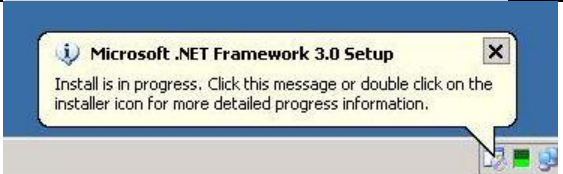
<p>Installation will start.</p>	
<p>This error might occur, indicating that files are in use and a reboot must be performed after install. Click "Yes" to proceed.</p>	
<p>After installation, the message "One or more affected files have operations pending. You should restart your computer to complete the process.". Press Ok.</p>	
<p>Click "Next"</p>	

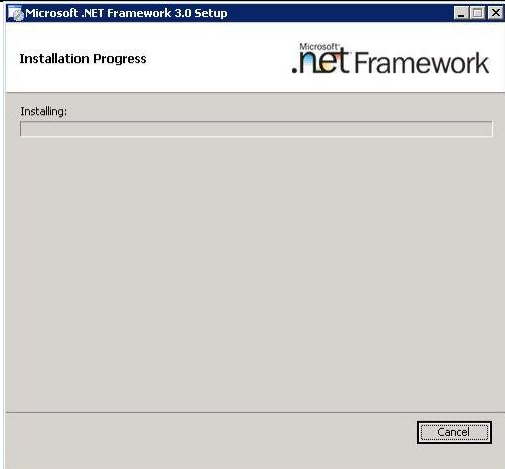
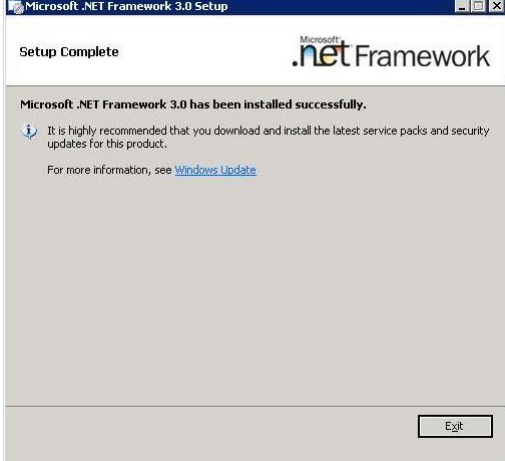
<p>Click "Next"</p>	
<p>Click "Finish" and reboot the server.</p>	

Step 6: Install SQL Server 2005 SP2 Cumulative Update Pack 7

Step	
<p>Request the SQL Server 2005 SP2 Cumulative Update Pack 7 from the Microsoft site</p> <p>More info: http://support.microsoft.com/kb/949095</p>	<p>https://support.microsoft.com/contactus/emailcontact.aspx?scid=sw;[LN];1414&from=KBHotfix&WS=hotfix</p>
<p>After downloading the Update Pack, install it on the SQL Server.</p>	

Step 7: Install .NET Framework 3.0

Step	
<p>Download the .Net Framework 3.0 from the Microsoft site.</p> <p>x86 version (32 bit): http://go.microsoft.com/fwlink/?LinkId=70848</p> <p>x64 version (64 bit): http://go.microsoft.com/fwlink/?LinkId=70849</p>	
<p>Start the dotnetfx3.exe file you have just downloaded. Click "Run"</p>	
<p>Setup starts loading installation components.</p>	
<p>Read and accept the license agreement and click "Install"</p>	
<p>The setup minimizes to the system tray and a balloon pops up. Click the balloon to monitor the installation.</p>	

Setup proceeds the installation	
After installation, click "Exit"	

Step 8: Install MOSS2007

You are now ready to install Microsoft Office SharePoint Server 2007

NOTE: Download setup files which include SP1:

Office SharePoint Server 2007 with SP1 (32 bit)

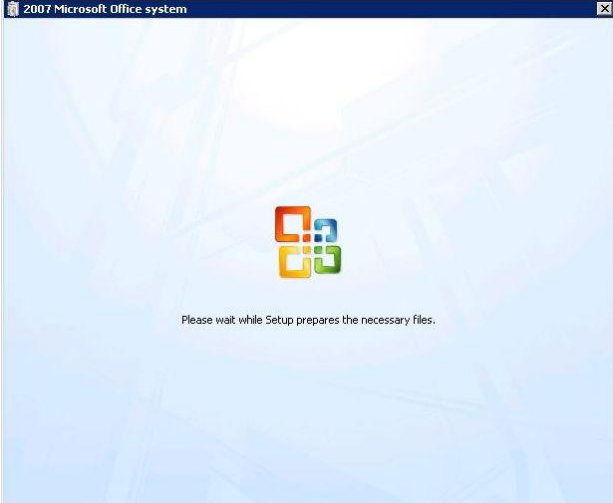
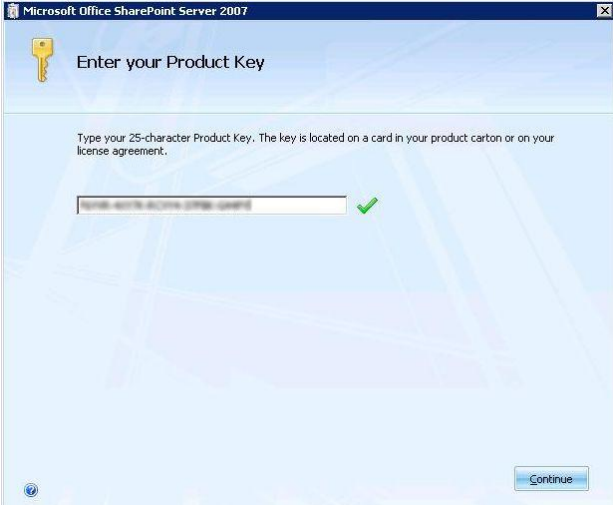
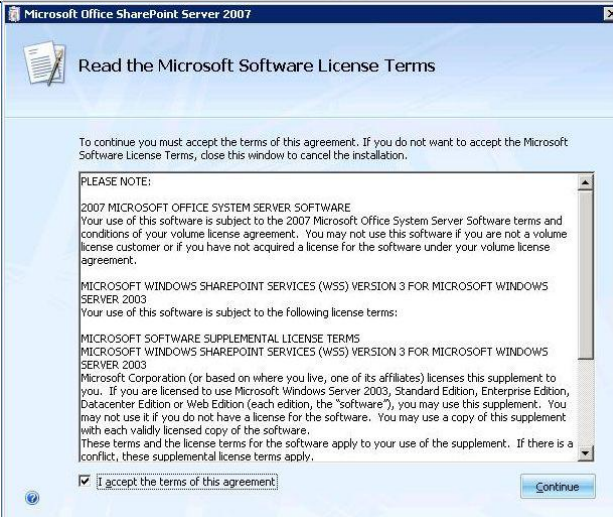
<http://www.microsoft.com/downloads/details.aspx?FamilyId=2E6E5A9C-EBF6-4F7F-8467-F4DE6BD6B831&displaylang=en>

Office SharePoint Server 2007 with SP1 (64 bit)

<http://www.microsoft.com/downloads/details.aspx?FamilyId=3015FDE4-85F6-4CBC-812D-55701FBFB563&displaylang=en>

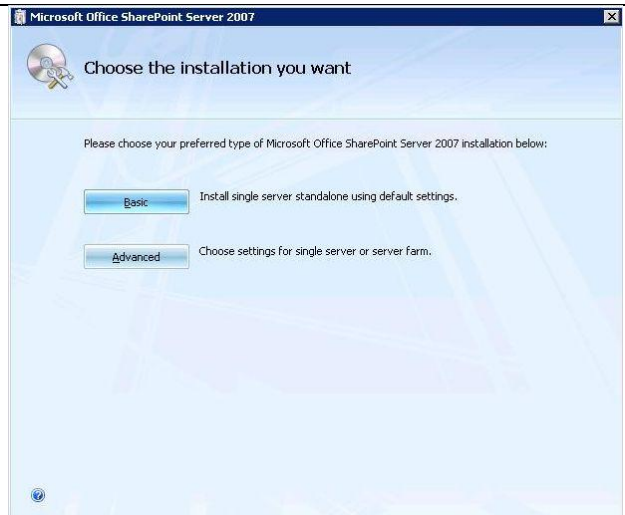
Or create your own slipstream setup (See Appendix 1).

Step

<p>Start installation</p>	
<p>Enter the Product Key</p>	
<p>Read and accept the License Agreement and click "Continue".</p>	

Click "Advanced" to install Office SharePoint Server 2007 using custom settings.

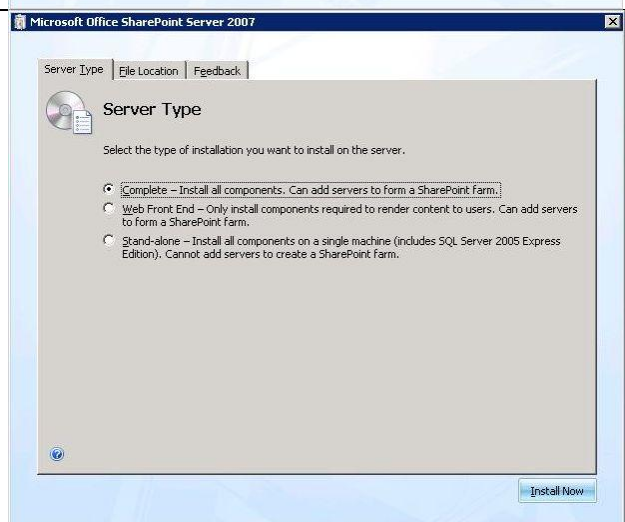
NOTE: Basic install uses SQL Express and default settings. If you want to use SQL Server 2005 Standard/Enterprise or do not want to use default settings, choose Advanced.



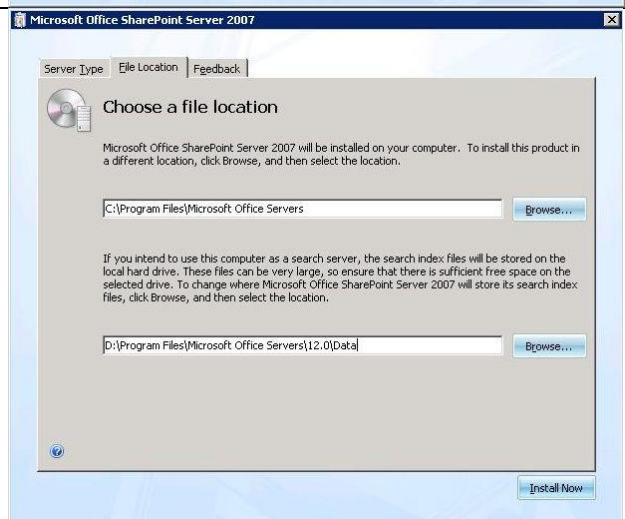
Choose "Complete" as the "Server Type".

NOTE: Differences between settings:

- Complete will install all Office SharePoint Server 2007 binaries on the server.
- Web Front End will install only the binaries needed for the web server role. It is not possible to run any other roles that web server on this server.
- Stand-alone will install all binaries and SQL Server 2005 Express Edition.



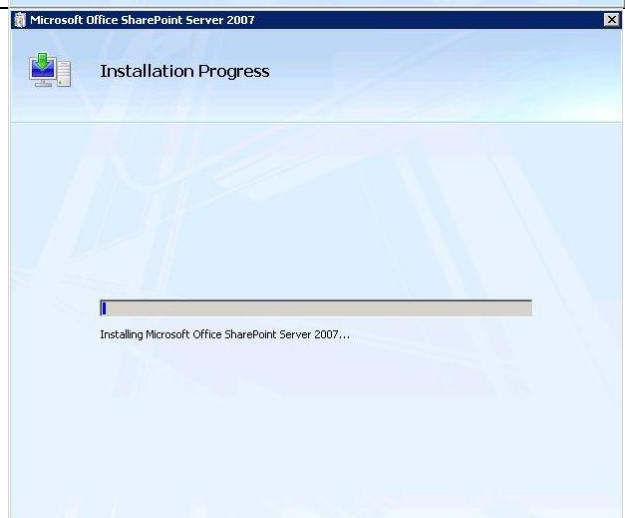
Change the Data directory (bottom setting) to "D:\Program Files\Microsoft Office Server\12\Data"



Select if you want to participate in the “Customer Experience Improvement Program” and click “Install Now”

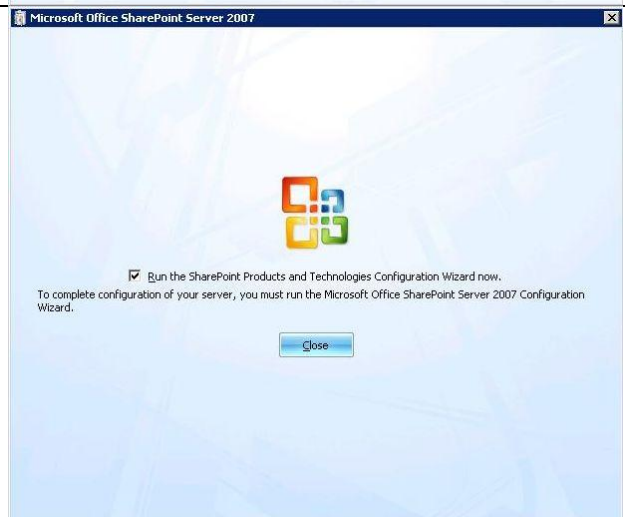


Setup will now install Microsoft Office SharePoint Server 2007.


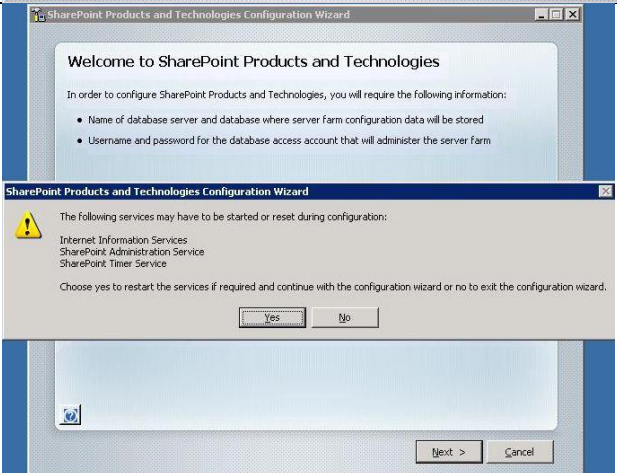
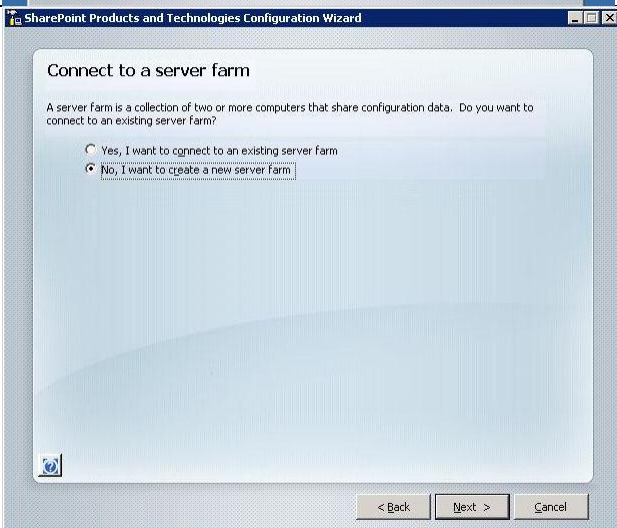


After install, setup asks if you want to proceed with configuring the just installed MOSS installation.

Click “Close”



Step 9: Run the MOSS2007 Configuration Wizard

Step	
<p>The "SharePoint Products and Technologies Configuration Wizard" starts. Click "Next"</p>	
<p>A message is shown which states that several services will be restarted during configuration. Click "Yes"</p>	
<p>We would like to create a new farm. Select "No, I want to create a new server farm" and click "Next"</p> <p>NOTE: If this is not the first server in the farm, select "Yes, I want to connect to an existing server farm" and select the configuration database.</p>	

Enter the following information in the “Specify Configuration Database Settings” page:

- Database server: database server name
- Database name: Can leave default (“Sharepoint_Config”)

At “Specify Database Access Account” enter the Configuration Database account:

- Username: <domain>\SA_MOSS2007
- Password: <password>



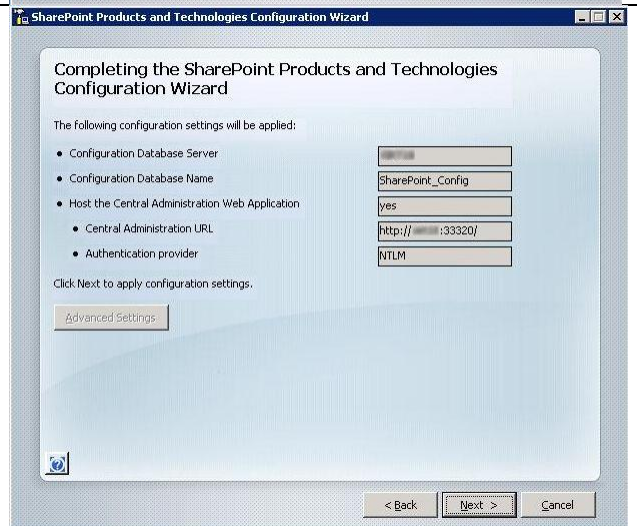
On the “Configure Sharepoint Central Administration Web Application” page leave everything default and click “Next”.

NOTE: If you want the Central Admin to be configured on a certain port, select the “Specify port number” box and enter the desired port.

NOTE 2: Default authentication provider is NTLM. This is the easiest to configure, but causes more load on Domain controllers. Kerberos requires extra configuration.



Review settings and click “Next” to start configuration.



The wizard starts the configuration.



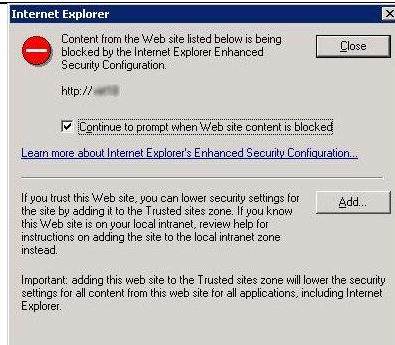
After the configuration is finished click "Finished".



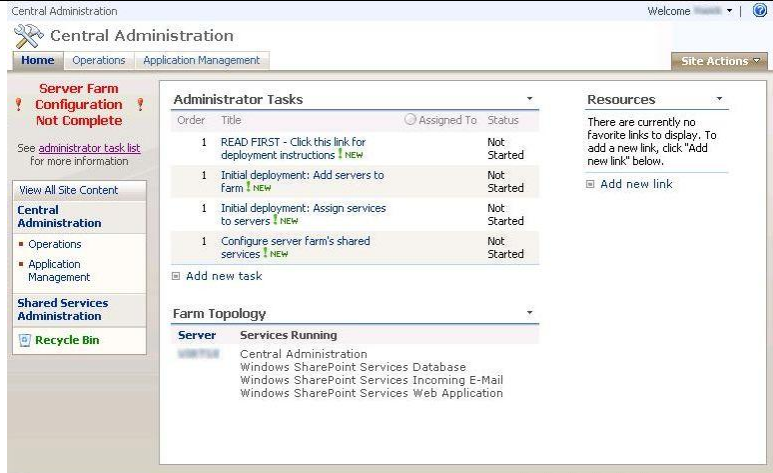
Step 10: Configure the MOSS2007 server farm

Step	
<p>After clicking "Finished", setup opens the Central Administration page. You have to log into this page using credentials which have Administrator privileges.</p>	

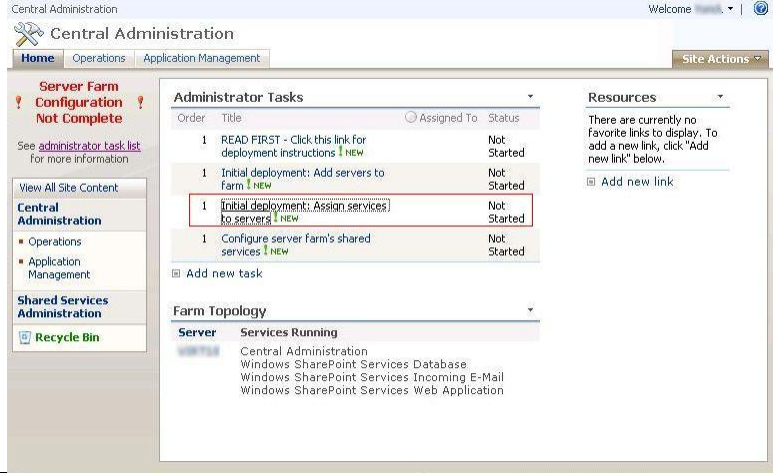
If the server has “Internet Explorer Enhanced Security Configuration” enabled, this message will be show. Add the admin site to the Trusted Sites zone by clicking the “Add” button.



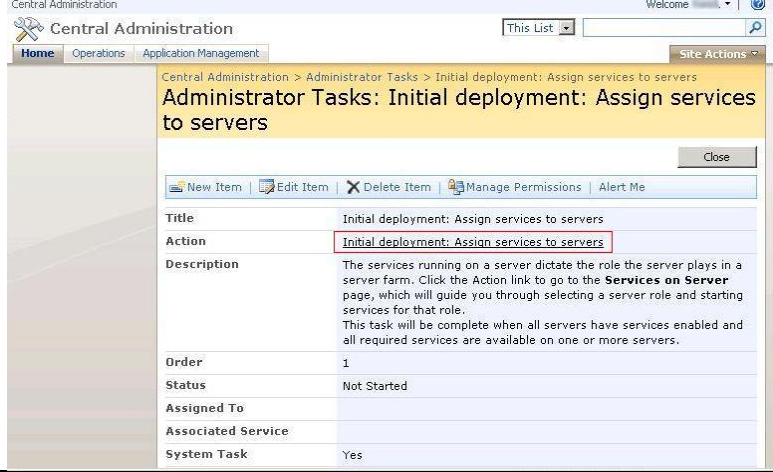
The Central Administration site is opened. In the “Administrative Tasks” four tasks are shown. The first is just a readme. The second task states that more servers must be added to the farm (if necessary) before continuing with the next step.



In this scenario we choose the third step “Initial Deployment: Assign services to servers”



Click the link behind “Action” to start the task.



All available services are show and depending on the role of the server you can start services.

In this case we have to start all services on the same server, the current server.

Central Administration > Operations > Services on Server

Services on Server:

Complete all steps below

Server: [Server Name]

Select server role to display services you will need to start in the table below.

- Single Server or Web Server for small server farms: All services run on this server
- Web Server for medium server farms: Web application and Search Query services run on this server
- Search Indexing: Search Indexing service runs on this server
- Excel Calculation: Excel Calculation service runs on this server
- Custom: Services you choose run on this server

Start services in the table below:

Service	Comment	Status	Action
Document Conversions Launcher Service		Stopped	Start
Document Conversions Load Balancer Service		Stopped	Start
Excel Calculation Services	Required on Farm, not running	Stopped	Start
Office SharePoint Server Search	Required on Farm, not running	Stopped	Start
Windows SharePoint Services Search	Required on Farm, not running	Stopped	Start
Windows SharePoint Services Web Application		Started	Stop

When finished, return to the Central Administration home page

Click "Start" behind the "Excel Calculation Services". The service will be started.

Start services

- Excel Calculation Service
- Office Sharepoint Search Server
- Windows Sharepoint Service Search

Central Administration > Operations > Services on Server

Services on Server:

Complete all steps below

Server: [Server Name]

Select server role to display services you will need to start in the table below.

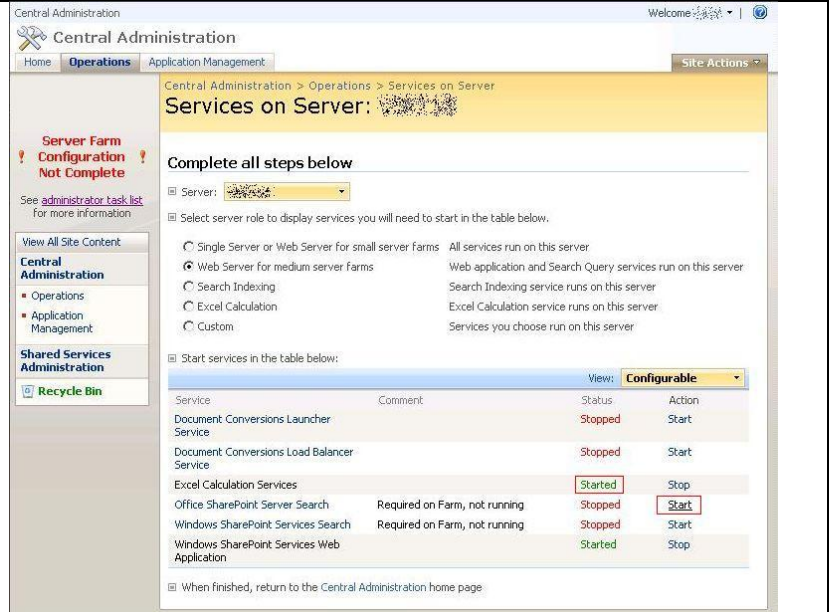
- Single Server or Web Server for small server farms: All services run on this server
- Web Server for medium server farms: Web application and Search Query services run on this server
- Search Indexing: Search Indexing service runs on this server
- Excel Calculation: Excel Calculation service runs on this server
- Custom: Services you choose run on this server

Start services in the table below:

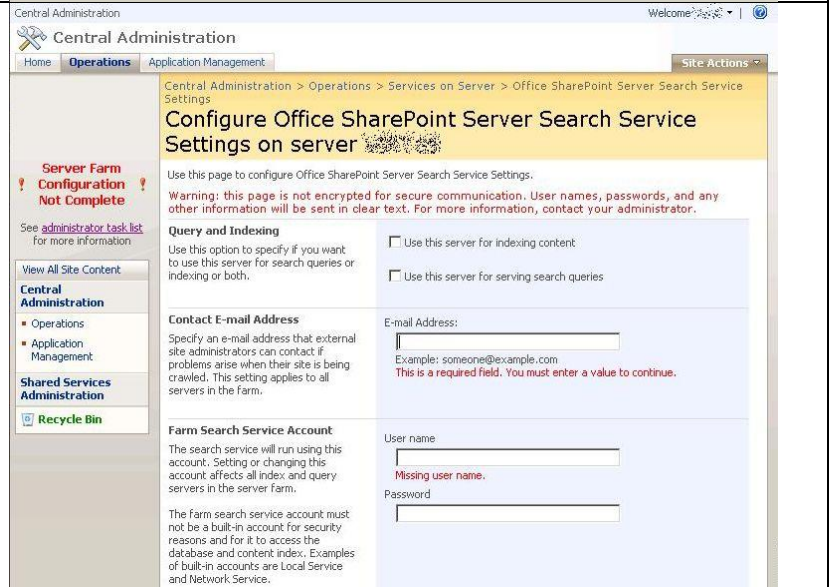
Service	Comment	Status	Action
Document Conversions Launcher Service		Stopped	Start
Document Conversions Load Balancer Service		Stopped	Start
Excel Calculation Services	Required on Farm, not running	Stopped	Start
Office SharePoint Server Search	Required on Farm, not running	Stopped	Start
Windows SharePoint Services Search	Required on Farm, not running	Stopped	Start
Windows SharePoint Services Web Application		Started	Stop

When finished, return to the Central Administration home page

The component “Excel Calculation Services” has started. Now click “Start” behind the “Office SharePoint Server Search” component.



This component has to be configured before it is able to start.



Enter the following information:
Query and Indexing:
 - Select "Use this server for indexing content"
 - Select "User this server for serving search queries"

Contact E-mail Address:
 - Enter an administrator e-mail address.

Farm Search Service Account:
 - Enter domain\sa_MOSS2007Search as account.
 - Enter the configured password in the password field.

Index Server Default File Location:
 - Leave default

Indexer Performance:
 - Leave default

Web Front End And Crawling:
 - Leave default

Click "Start"

The screenshot shows the 'Configure Office SharePoint Server Search Service Settings' page in Central Administration. The page is titled 'Configure Office SharePoint Server Search Service Settings on server' and includes a warning that the page is not encrypted. It contains several sections with checkboxes and input fields:

- Query and Indexing:**
 - Use this server for indexing content
 - Use this server for serving search queries
- Contact E-mail Address:**
 - E-mail Address:
- Farm Search Service Account:**
 - User name:
 - Password:
- Index Server Default File Location:**
 - Default index file location:
- Indexer Performance:**
 - Reduced
 - Partly reduced
 - Maximum
- Web Front End And Crawling:**
 - Use all web front end computers for crawling
 - Use a dedicated web front end computer for crawling

The component "Office SharePoint Server Search" has started. Now click "Start" behind the "Windows SharePoint Services Search" component.

The screenshot shows the 'Services on Server' page in Central Administration. It displays a table of services and their status. The 'Windows SharePoint Services Search' service is highlighted with a red 'Start' button.

Service	Comment	Status	Action
Document Conversions Launcher Service		Stopped	Start
Document Conversions Load Balancer Service		Stopped	Start
Excel Calculation Services		Started	Stop
Office SharePoint Server Search		Started	Stop
Windows SharePoint Services Search	Required on Farm, not running	Stopped	Start
Windows SharePoint Services Web Application		Started	Stop

This component has to be configured before it is able to start.

Enter the following information:

Service Account:

- Enter domain\sa_MOSS2007Search as account.
- Enter the configured password in the password field.

Content Access Account:

- Enter domain\sa_MOSS2007Search as account.
- Enter the configured password in the password field.

NOTE: Do not use the Crawl account as showed in the picture. This will cause some issues. Just use the Search account.

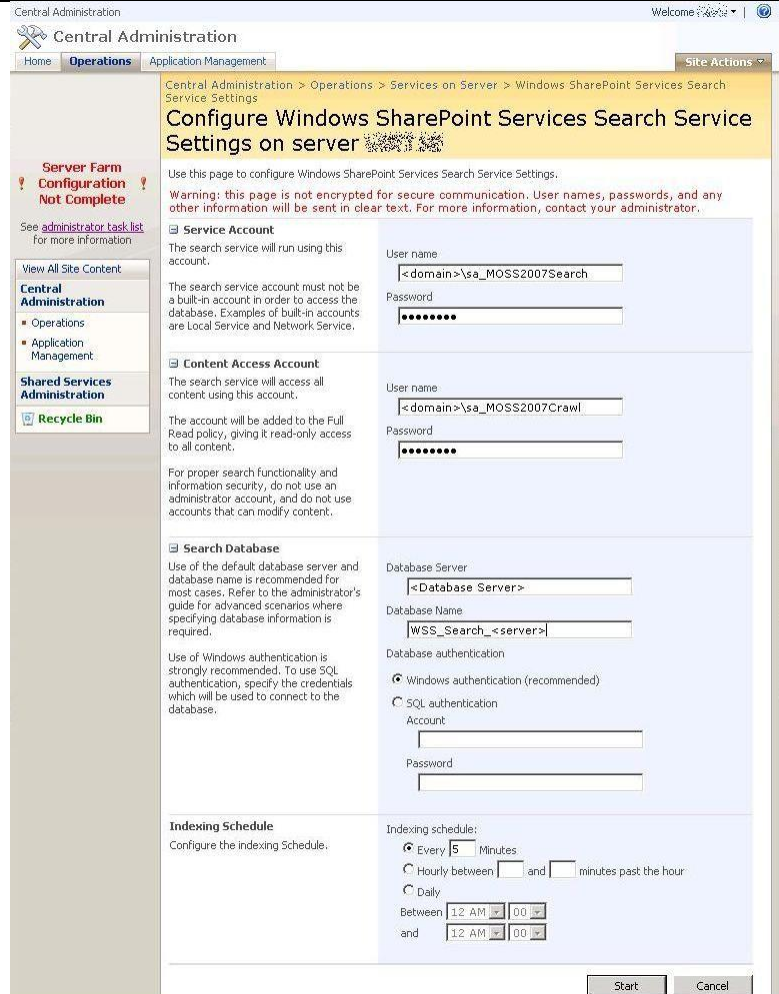
Search Database:

- Enter the database server (probably automatically entered correctly)
- Enter the database name (probably automatically entered correctly).

Indexing Schedule:

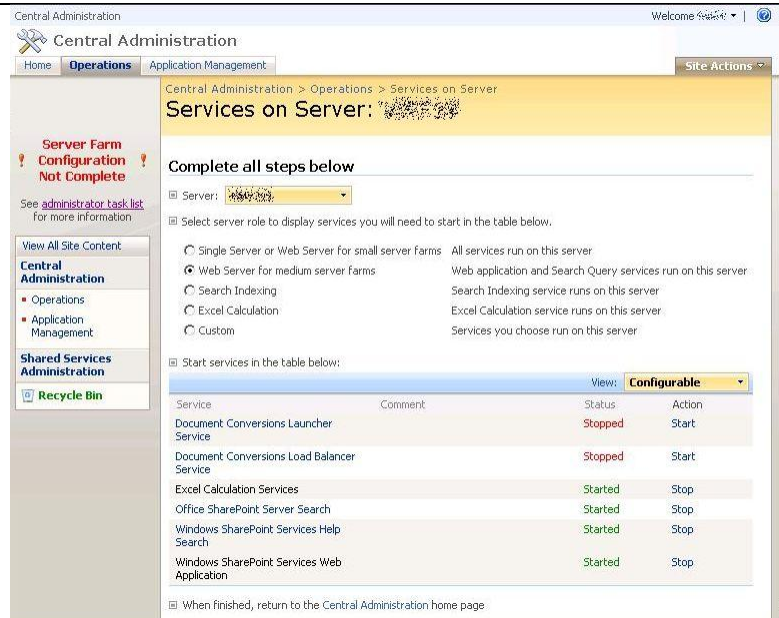
- Leave default

Click "Start"

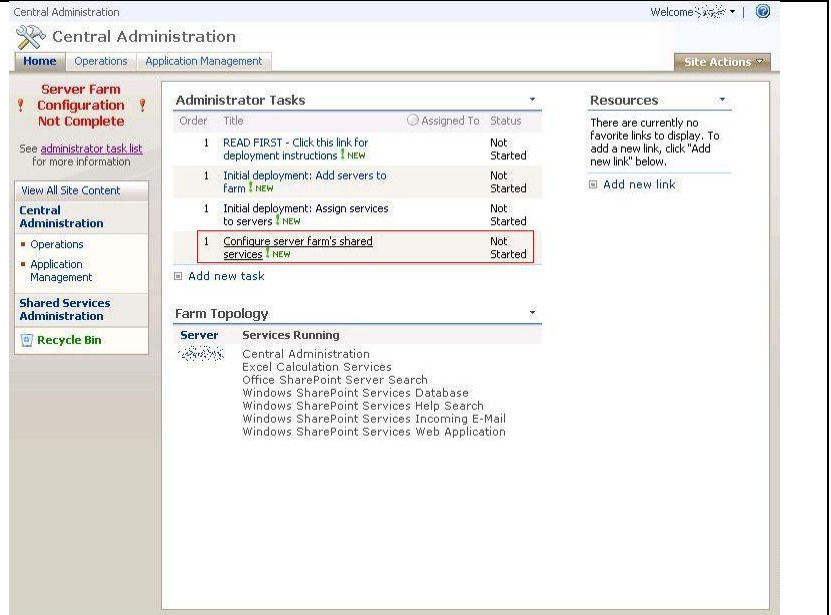


All services are started correctly.

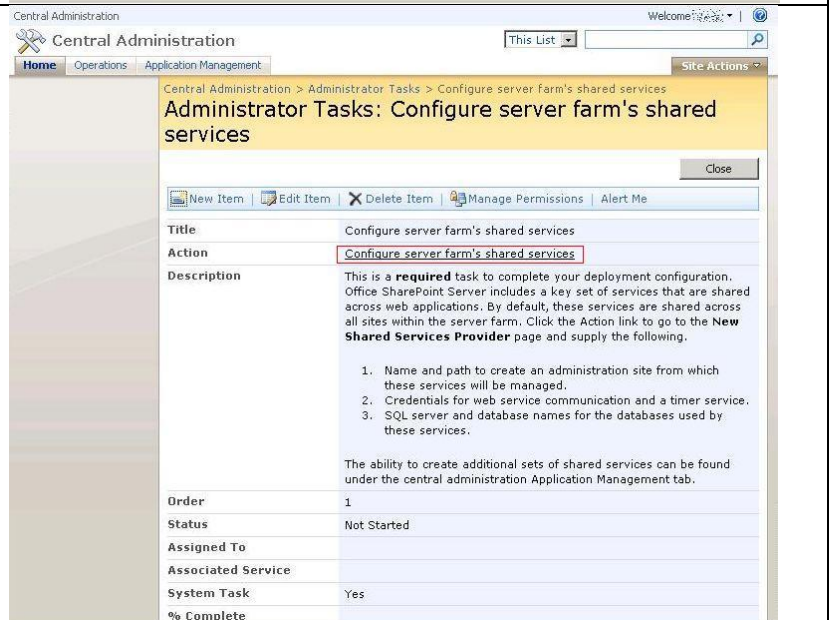
Click "Home"



Select the next task "Configure server farm's shared services"



Click the link behind "Action" to start the task.



Click "Create a new Web application" to create a web application for the Shared Services.

The screenshot shows the Central Administration console for Office SharePoint Server 2007. The breadcrumb trail is: Central Administration > Application Management > Manage this Farm's Shared Services > New Shared Services Provider. The page title is "New Shared Services Provider".

On the left side, there is a navigation pane with the following sections:

- Server Farm Configuration Not Complete (with a warning icon and a link to the administrator task list)
- View All Site Content
- Central Administration
 - Operations
 - Application Management
- Shared Services Administration
 - Recycle Bin

The main content area contains the following information:

- A warning message: "Warning: this page is not encrypted for secure communication. User names, passwords, and any other information will be sent in clear text. For more information, contact your administrator." with OK and Cancel buttons.
- The "SSP Name" section, which includes a text box containing "SharedServices1".
- The "Web application" section, which has a dropdown menu and a button labeled "Create a new Web application" (highlighted with a red box).
- The "SSP Administration Site URL" section, which is currently empty.

Additional text on the page explains that the Shared Services Provider (SSP) is a set of resources including databases, the admin site, and Web service hosting. It also notes that a Web application is required for the SSP administration site and provides instructions on how to select an existing application or create a new one. A note specifies that for server farm installations, the selected Web application cannot have an application pool that uses Network Service as its process account. Finally, it states that users will be able to navigate to the SSP administration site by typing the Web site address (URL) into their browsers.

Enter the following information:

IIS Web Site:

- Select "Create a new IIS web site"
- Description: "shareservices.domain.nl"
- Port: "80"
- Host Header: "shareservices.domain.nl"

Security Configuration:

- Authentication provider: "NTLM"
- Allow Anonymous: "No"
- Use Secure Socket Layer: "No"

Load Balanced URL:

- URL: http://shareservices.domain.nl:80

Application Pool:

- Select "Create new application pool"
- Application pool name: Leave default
- Username: "domain\sam_MOSS2007SSPWebApp"
- Password: Enter the configured password in the password field.

Reset Internet Information Services:

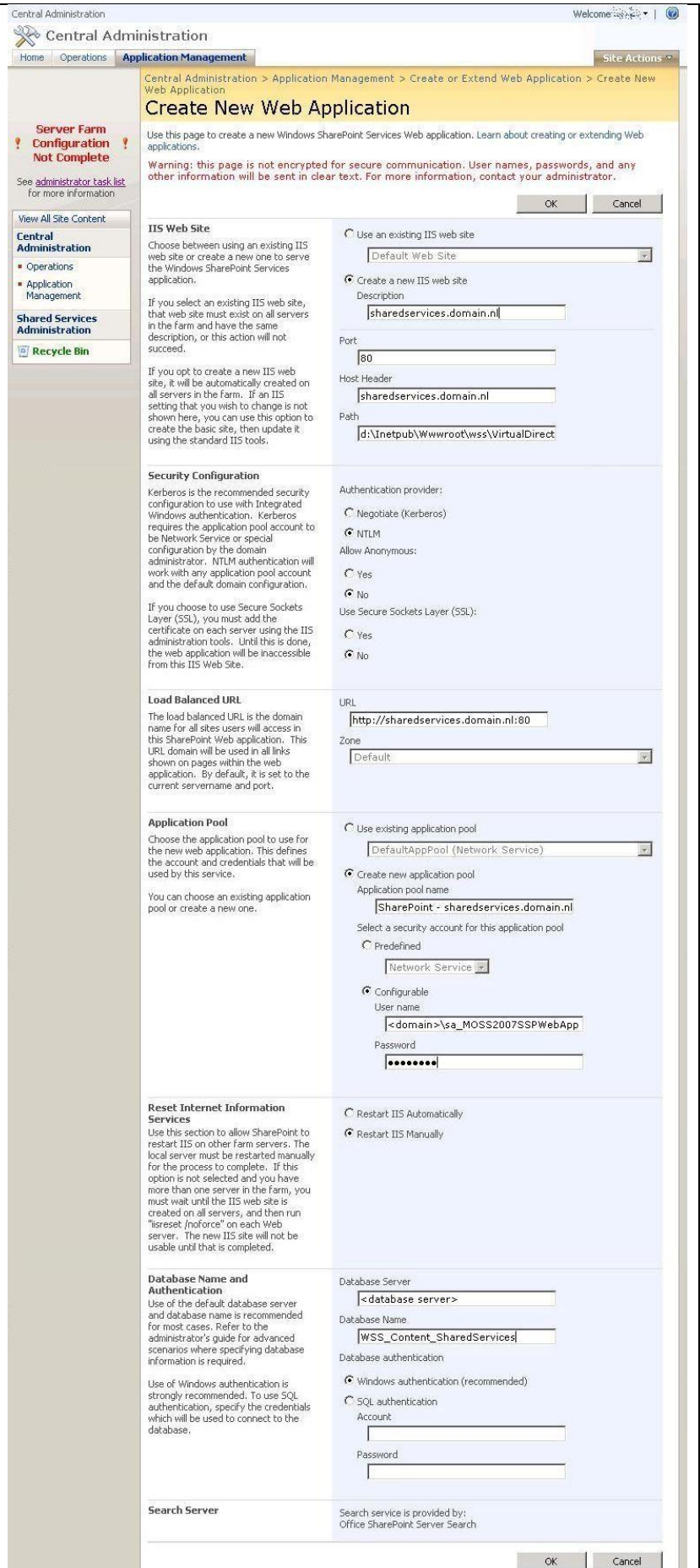
- Select "Restart IIS Manually"

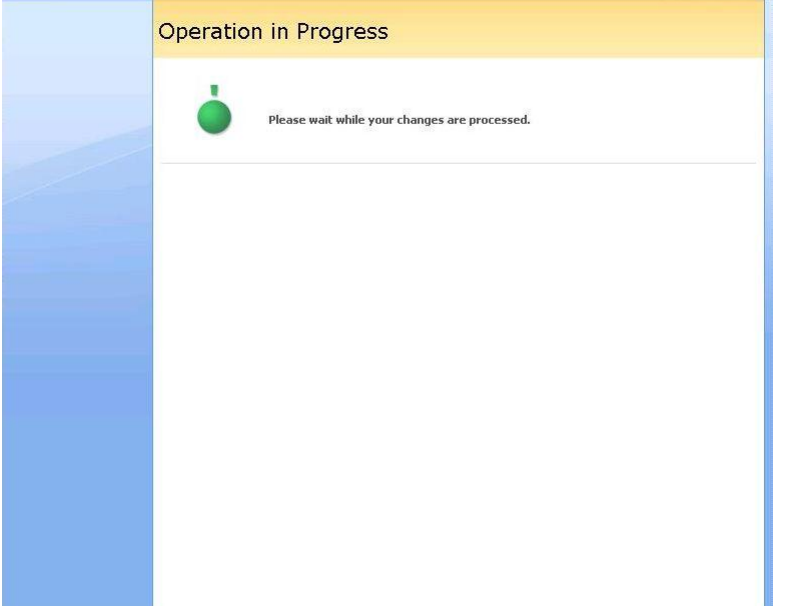
Database Name and Authentication:

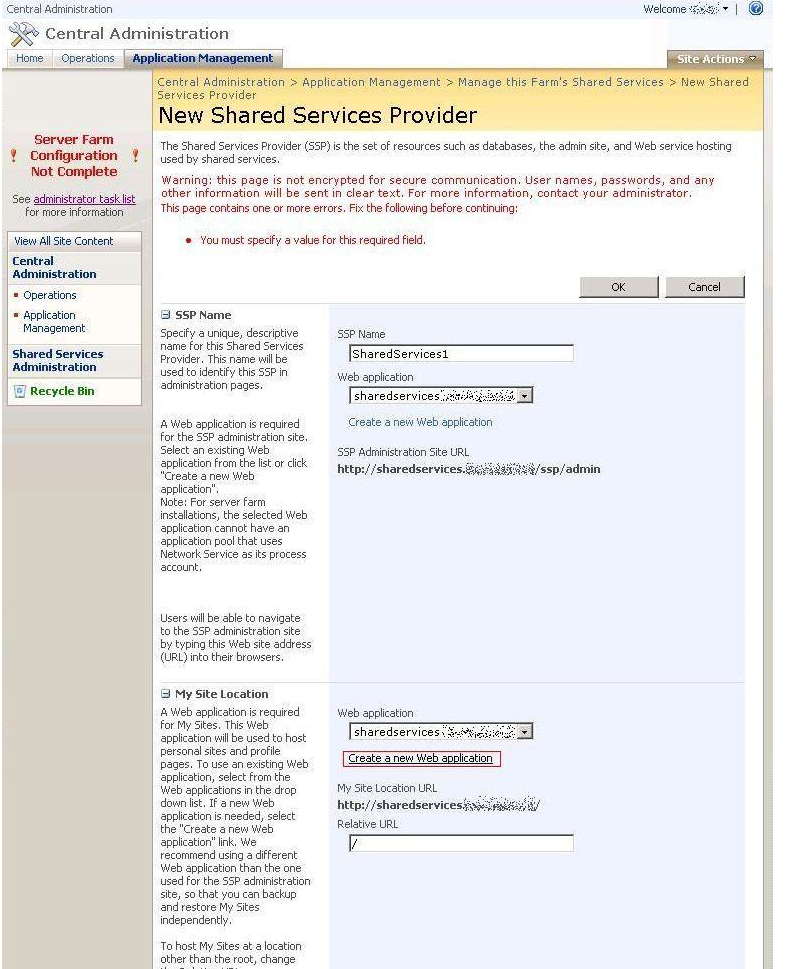
- Database server: Enter the database server (probably automatically entered correctly)
- Database Name: Add "_SharedServices" to the default name.

Click "OK"

NOTE: Use your own domain name instead of domain.nl



<p>The web application will be created.</p>	 <p>Operation in Progress</p> <p>Please wait while your changes are processed.</p>
---	--

<p>Scroll down and click “Create a new Web application” under “My Site Location”</p>	 <p>Central Administration > Application Management > Manage this Farm's Shared Services > New Shared Services Provider</p> <h3>New Shared Services Provider</h3> <p>The Shared Services Provider (SSP) is the set of resources such as databases, the admin site, and Web service hosting used by shared services.</p> <p>Warning: this page is not encrypted for secure communication. User names, passwords, and any other information will be sent in clear text. For more information, contact your administrator. This page contains one or more errors. Fix the following before continuing.</p> <ul style="list-style-type: none"> You must specify a value for this required field. <p>Server Farm Configuration Not Complete</p> <p>View All Site Content</p> <p>Central Administration</p> <ul style="list-style-type: none"> Operations Application Management <p>Shared Services Administration</p> <p>Recycle Bin</p> <p>Specify a unique, descriptive name for this Shared Services Provider. This name will be used to identify this SSP in administration pages.</p> <p>SSP Name: SharedServices1</p> <p>Web application: sharedservices</p> <p>Create a new Web application</p> <p>SSP Administration Site URL: http://sharedservices/ssp/admin</p> <p>A Web application is required for My Sites. This Web application will be used to host personal sites and profile pages. To use an existing Web application, select from the Web applications in the drop down list. If a new Web application is needed, select the "Create a new Web application" link. We recommend using a different Web application than the one used for the SSP administration site, so that you can backup and restore My Sites independently.</p> <p>Web application: sharedservices</p> <p>Create a new Web application</p> <p>My Site Location URL: http://sharedservices/</p> <p>Relative URL: /</p> <p>Users will be able to navigate to the SSP administration site by typing this Web site address (URL) into their browsers.</p> <p>To host My Sites at a location other than the root, change the Relative URL.</p>
--	--

Enter the following information:

IIS Web Site:

- Select "Create a new IIS web site"
- Description: "mysite.domain.nl"
- Port: "80"
- Host Header: "mysite.domain.nl"

Security Configuration:

- Authentication provider: "NTLM"
- Allow Anonymous: "No"
- Use Secure Socket Layer: "No"

Load Balanced URL:

- URL: http://mysite.domain.nl:80

Application Pool:

- Select "Create new application pool"
- Application pool name: Leave default
- Username: "domain\s_a_MOSS2007WebApp"
- Password: Enter the configured password in the password field.

Reset Internet Information Services:

- Select "Restart IIS Manually"

Database Name and

Authentication:

- Database server: Enter the database server (probably automatically entered correctly)
- Database Name: Add "_MySite" to the default name.

Click "OK"

NOTE: Use your own domain name instead of domain.nl

The web application will be created.

Operation in Progress



Please wait while your changes are processed.

Enter the following information:

SSP Name:

- SSP Name: "SharedServices"
- Web application: "shareservices.domain.nl"

My Site Location:

- Web Application: "mysite.domain.nl"
- Relative URL: "/"

SSP Service Credentials:

- Username: "domain\sa_MOSS2007SSP"
- Password: Enter the configured password in the password field.

SSP Database:

- Database server: Enter the database server (probably automatically entered correctly)
- Database Name: "SharedServices_DB" (remove "1")

Search Database:

- Database server: Enter the database server (probably automatically entered correctly)
- Database Name: "SharedServices_Search_DB" (remove "1")

Index Server:

- Index Server: Leave default
- Path for index file location: Leave default

SSL for Web Services:

- Use Secure Sockets Layer: "No"

Central Administration > Application Management > Manage this Farm's Shared Services > New Shared Services Provider

New Shared Services Provider

The Shared Services Provider (SSP) is the set of resources such as databases, the admin site, and Web service hosting used by shared services.

Warning: this page is not encrypted for secure communication. User names, passwords, and any other information will be sent in clear text. For more information, contact your administrator. This page contains one or more errors. Fix the following before continuing:

- You must specify a value for this required field.

SSP Name
Specify a unique, descriptive name for this Shared Services Provider. This name will be used to identify this SSP in administration pages.

SSP Name: SharedServices

Web application: shareservices

SSP Administration Site URL: http://shareservices/admin

My Site Location
A Web application is required for My Sites. This Web application will be used to host personal sites and profile pages. To use an existing Web application, select from the Web applications in the drop down list. If a new Web application is needed, select the "Create a new Web application" link. We recommend using a different Web application than the one used for the SSP administration site, so that you can backup and restore My Sites independently.

Web application: mysite

My Site Location URL: http://mysite/

Relative URL: /

SSP Service Credentials
Specify the credentials for the SSP Web services to use for inter-server communication and for running SSP-scoped timer jobs.

Username: Service Account MOSS2007 SSP

Password: [masked]

SSP Database
Each SSP requires a database for service-specific data.

Use of the default database server and database name is recommended for most cases. Refer to the Office SharePoint Server TechCenter on TechNet for advanced scenarios where specifying database information is required.

Database Server: <database server>

Database Name: SharedServices_DB

Database authentication: Windows authentication (recommended)

Search Database
In addition to the SSP database, a separate database is required for frequently changing search-related data.

Use of the default database server and database name is recommended for most cases. Refer to the Office SharePoint Server TechCenter on TechNet for advanced scenarios where specifying database information is required.

Database Server: <database server>

Database Name: SharedServices_Search_DB

Database authentication: Windows authentication (recommended)

Index Server
Select the index server which will crawl content in all Web applications associated with this SSP.

Specify the path on the index server where the indexes will be located.

Note: Changing the index server will reset the index. To move the index without a reset STSAdm must be used.

Index Server: [default]

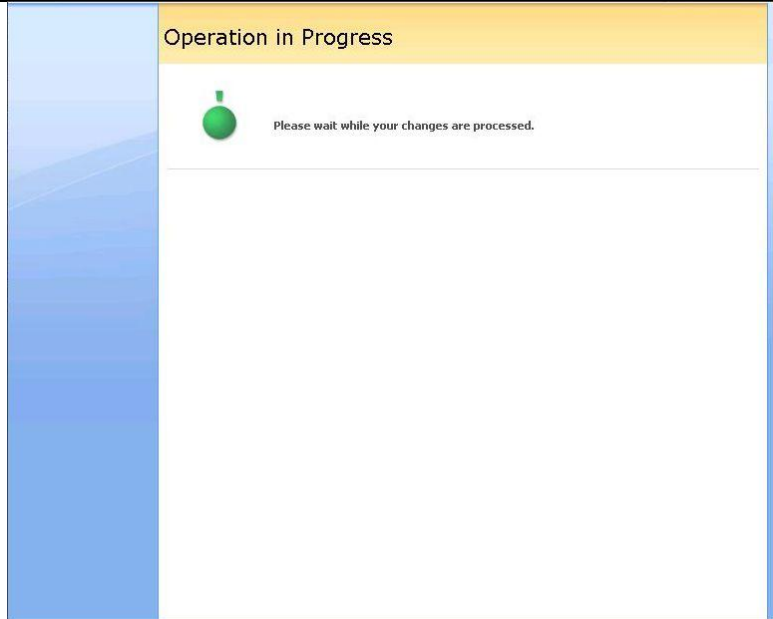
Path for index file location: D:\Program Files\Microsoft Office Serv

SSL for Web Services
Use Secure Sockets Layer (SSL) to protect communications to and from Web services.

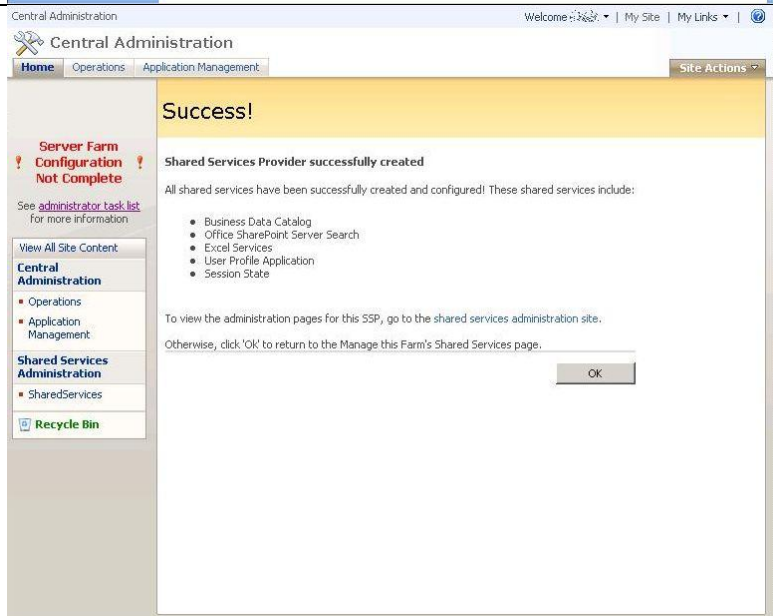
Note: If you choose to use SSL, you must add the certificate on each server using the IIS administration tool. Until this is done, the Web services will not be available.

Use Secure Sockets Layer (SSL): No

The Shared Services Provider will be created.

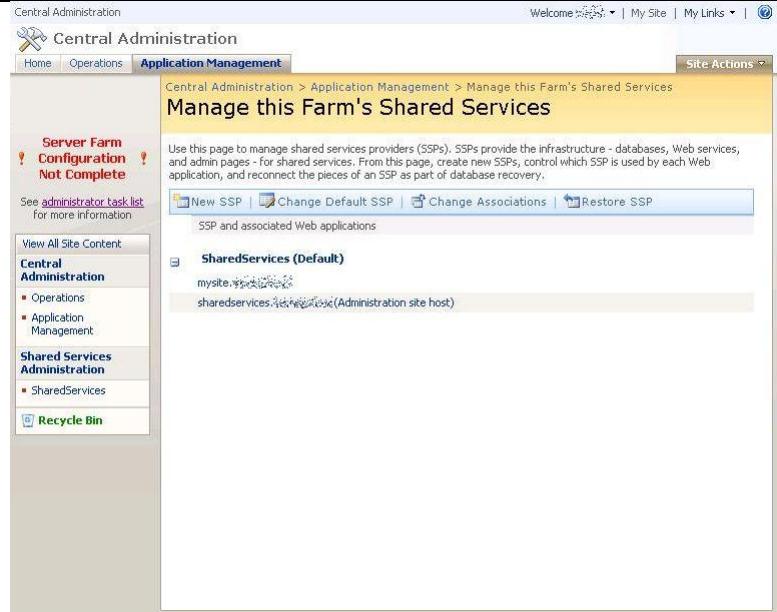


The Shared Services Provider has been created successfully. Click "OK"



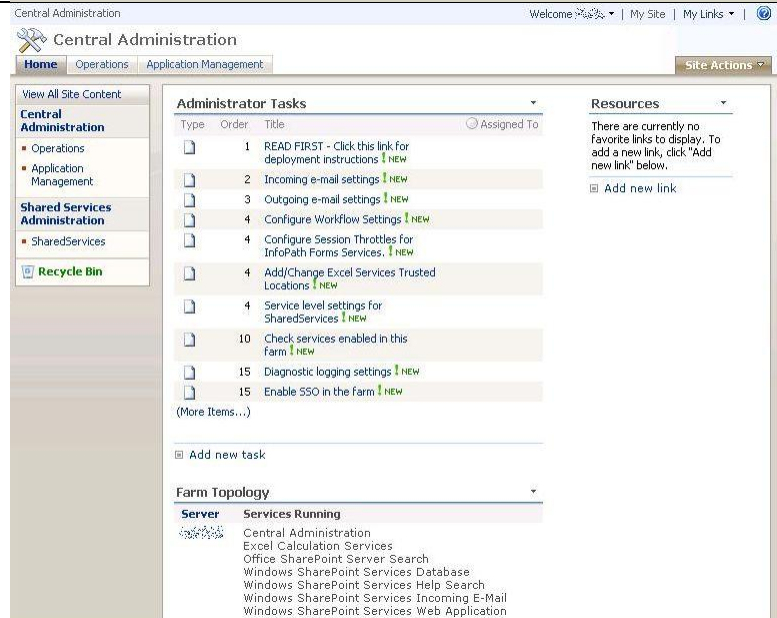
The Shared Services are being displayed.

Click "Home"

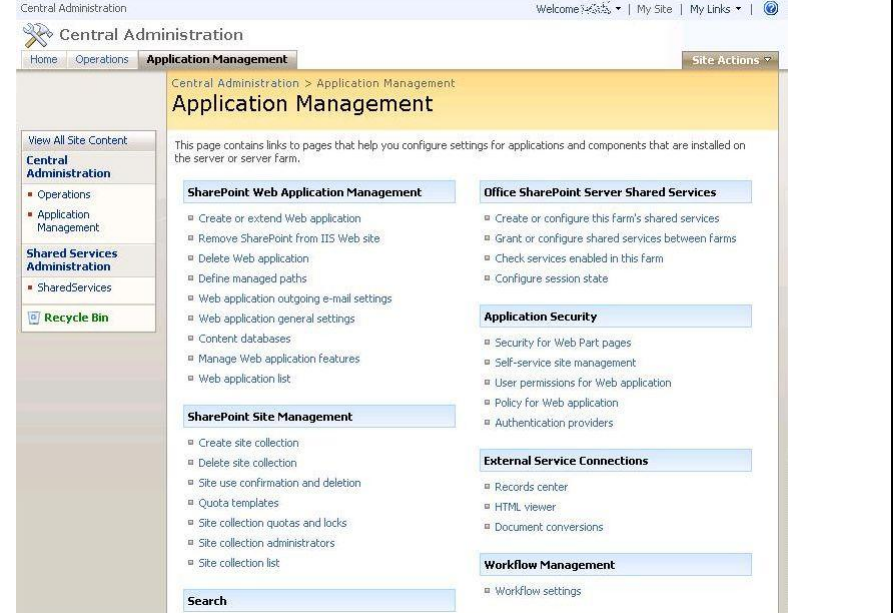
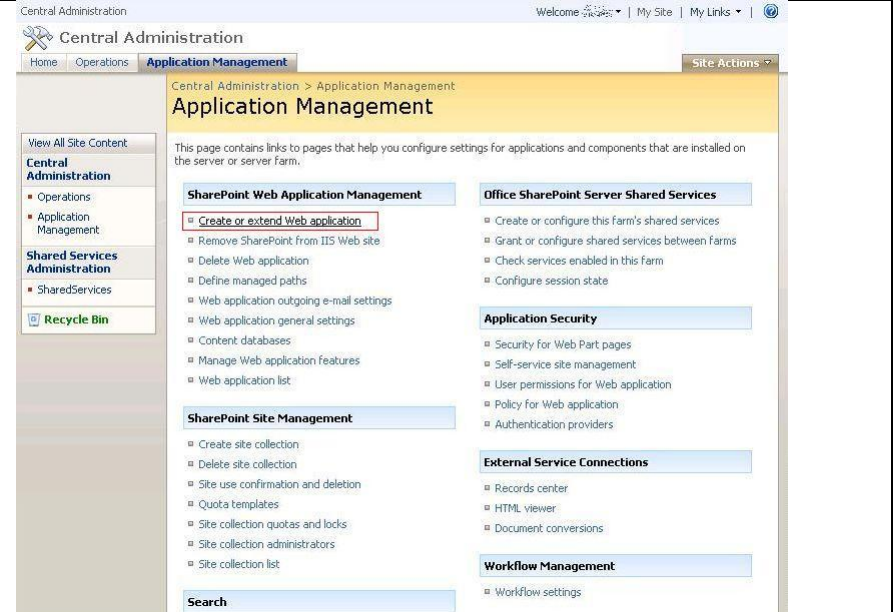


The default tasks are removed and new tasks are added. These tasks are not required for operation.

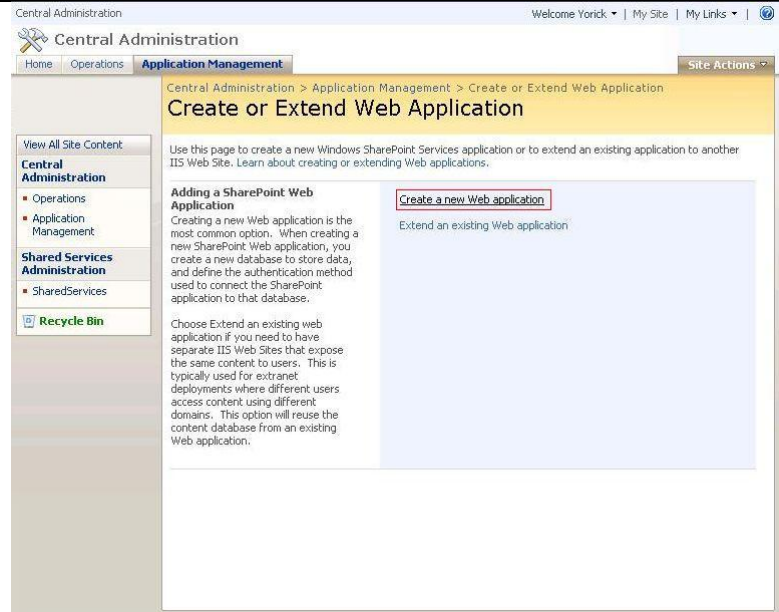
One task is important: "Outgoing e-mail settings". Without configuring this setting, alerts will not work.



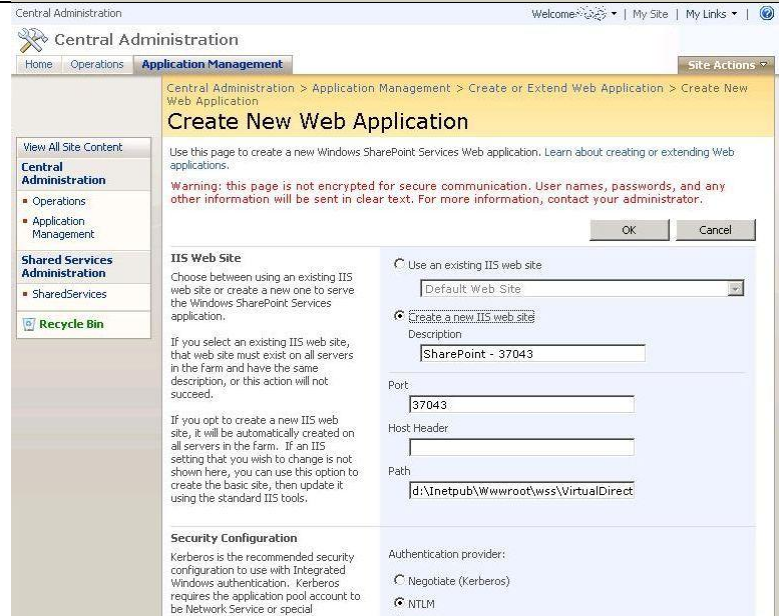
Step 11: Create web application for portal

Step	
<p>Click "Application Management"</p>	 <p>The screenshot shows the 'Application Management' page in Central Administration. The page title is 'Application Management' and it contains a list of links for configuring settings for applications and components. The links are organized into several sections: 'SharePoint Web Application Management', 'Office SharePoint Server Shared Services', 'SharePoint Site Management', 'Application Security', 'External Service Connections', and 'Workflow Management'. The 'SharePoint Web Application Management' section includes links for 'Create or extend Web application', 'Remove SharePoint from IIS Web site', 'Delete Web application', 'Define managed paths', 'Web application outgoing e-mail settings', 'Web application general settings', 'Content databases', 'Manage Web application features', and 'Web application list'.</p>
<p>Click "Create or extend Web application"</p>	 <p>This screenshot is identical to the previous one, but the link 'Create or extend Web application' in the 'SharePoint Web Application Management' section is highlighted with a red box, indicating the next step in the process.</p>

Click "Create a new Web Application"



The page for a new Web Application is shown.



Enter the following information:

IIS Web Site:

- Select "Create a new IIS web site"
- Description: "portal.domain.nl"
- Port: "80"
- Host Header: "portal.domain.nl"

Security Configuration:

- Authentication provider: "NTLM"
- Allow Anonymous: "No"
- Use Secure Socket Layer: "No"

Load Balanced URL:

- URL: http://portal.domain.nl:80

Application Pool:

- Select "Create new application pool"
- Application pool name: Leave default
- Username: "domain\s_a_MOSS2007WebApp"
- Password: Enter the configured password in the password field.

Reset Internet Information Services:

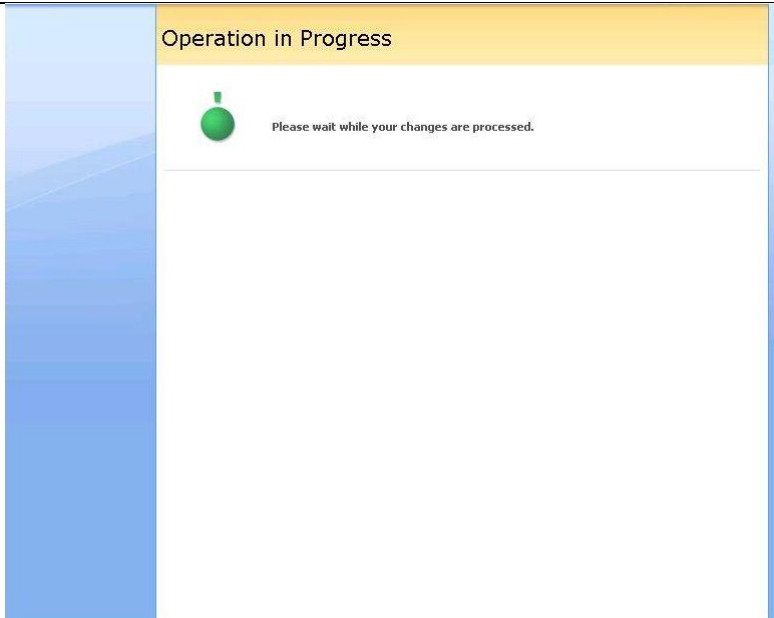
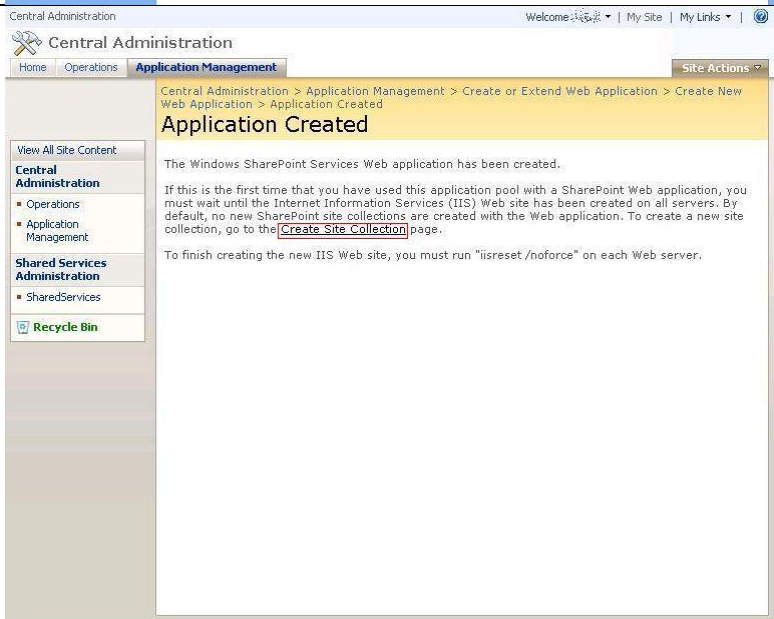
- Select "Restart IIS Manually"

Database Name and Authentication:

- Database server: Enter the database server (probably automatically entered correctly)
- Database Name: Add "_Portal" to the default name.

Click "OK"

NOTE: Use your own domain name instead of domain.nl

<p>The web application will be created.</p>	
<p>The web application has been created.</p> <p>Click "Create Site Collection" to create a site collection in the web application.</p>	

Enter the following information:

Web Application:

- Choose "http://portal.domain.nl"

Title and Description:

- Title: "Portal"
- Description: Enter if necessary.

Web Site Address:

- Choose root "/"

Template Selection:

- Tab: "Publishing"
- Template: "Collaboration Portal"

Primary Site Collection Administrator:

- User name: "Administrator"

Secondary Site Collection Administrator:

- User name: If desired.

Quota Template:

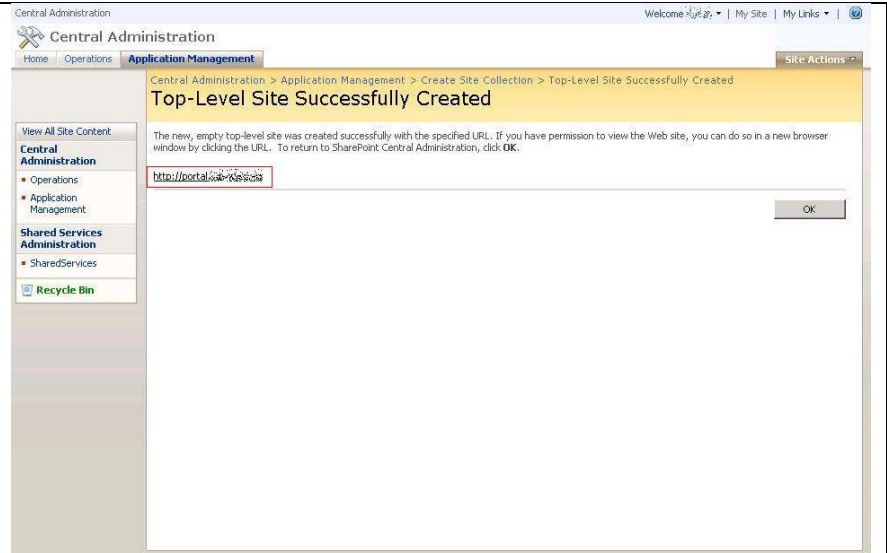
- Quota template: Leave default

Click "OK"

The site collection will be created.

The site collection has been created.

Click the link to open the portal.



You have looking at the portal you have just created!!



If you like to create a web application especially for team sites, create another web application by performing step 10 once more. Only this time using teamsite.<domain> instead of portal.<domain>.


Step 12: Install .NET Framework Service Packs

Step	
<p>Download the Service Pack 1 for the .NET Framework v2.0 and v3.0</p> <p>.NET Framework v2.0 Service Pack 1: x86: http://www.microsoft.com/downloads/details.aspx?FamilyID=79bc3b77-e02c-4ad3-aacf-a7633f706ba5&DisplayLang=en x64: http://www.microsoft.com/downloads/details.aspx?FamilyID=029196ED-04EB-471E-8A99-3C61D19A4C5A&displaylang=en</p> <p>.NET Framework v3.0 Service Pack 1: Web install: http://www.microsoft.com/downloads/details.aspx?FamilyID=EC2CA85D-B255-4425-9E65-1E88A0BDB72A&displaylang=en</p>	
<p>Install both service packs. They will fix some issues which cause problems with SharePoint 2007.</p> <p>Both Service Packs are also available via Microsoft Update: http://update.microsoft.com</p>	

Step 13: Install Service Pack 1 for MOSS2007

If Service Pack 1 for MOSS2007 hasn't been installed using the slipstream method, you can install the Service Pack using the following steps:

Step	
<p>Download Service Pack 1 for WSS and MOSS</p> <p>Details: WSS 3.0 http://support.microsoft.com/?kbid=936988</p> <p>MOSS 2007 http://support.microsoft.com/?kbid=936984</p>	<p>WSS 3.0 - DOWNLOADS KB936988: http://www.microsoft.com/downloads/details.aspx?FamilyId=4191A531-A2E9-45E4-B71E-5B0B17108BD2&displaylang=en</p> <p>MOSS 2007 - DOWNLOADS KB936984: http://www.microsoft.com/downloads/details.aspx?FamilyId=AD59175C-AD6A-4027-8C2F-DB25322F791B&displaylang=en</p>
<p>Perform the steps below for both the WSS and MOSS Service Pack.</p> <p>NOTE: Start with the WSS Service Pack</p>	
<p>Install the Service Pack, start with the server that runs the Central Administration role.</p> <p>Accept license agreement and click "Ok".</p>	
<p>After the installation, the Configuration Wizard starts automatically.</p>	

<p>Click Next until the following dialog box appears: <i>“You must run Setup to install new binary files for every server in your server farm. If you have multiple servers in your server farm, run Setup and the configuration wizard on the other servers now, and then return to this server and click OK to continue.”</i></p>	
<p>Now install the service pack on all servers in the farm, until the same dialog box, one by one</p>	
<p>If all servers show the dialog box, click Ok on the server that runs the Central Admin</p>	
<p>Proceed with all servers, one by one. If one completes, click Ok at the next server.</p>	
<p>The Service Pack has been installed</p>	

Step 14: Configure PDF icon

Step	
<p>Download the PDF icon from http://share-point.blogspot.com/2007/05/moss2007-configure-sharepoint-2007-to.html</p>	
<p>Copy the PDF icon to C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12\Template\Images</p>	
<p>Add “<mapping key=“pdf” value=“icpdf.gif”>” to the file docicon.xml which can be found in: C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12\Template\XML</p>	
<p>Run an IISReset</p>	

Step 15: Install IIS patch to solve “Corrupt memory” issue

Step	
<p>Contact Microsoft to request patch KB946517: http://support.microsoft.com/kb/946517</p> <p>A download link to the patch will be send to you via e-mail.</p>	<p>More info: http://share-point.blogspot.com/2008/04/moss2007-fix-for-event-id-6398.html</p>
<p>Install the patch and reboot the server</p>	

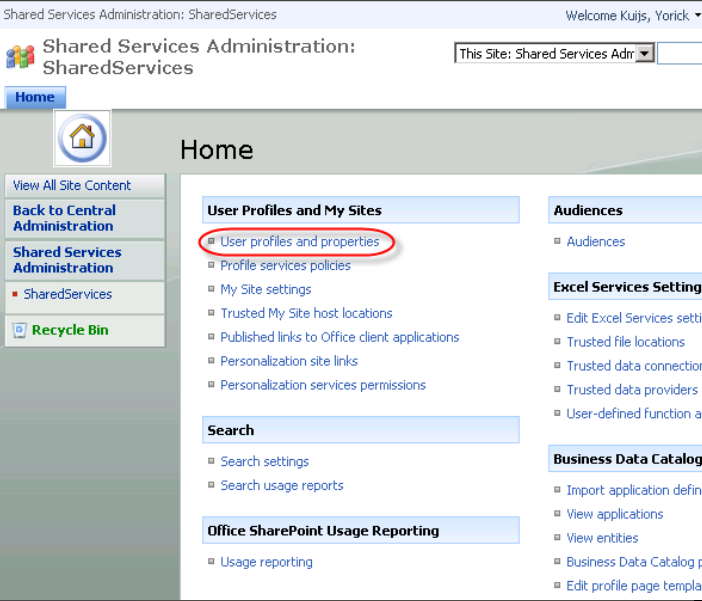
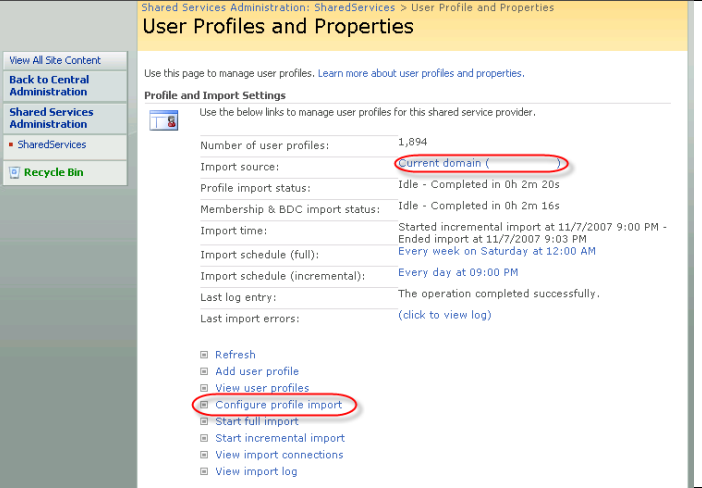
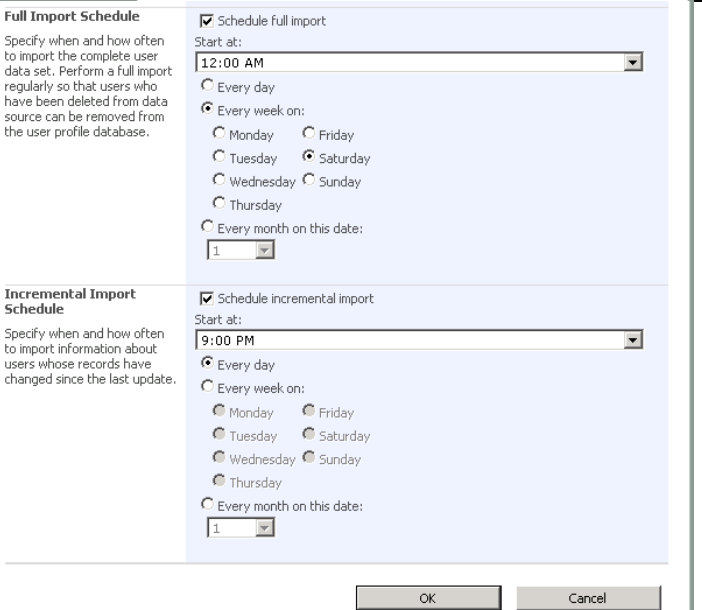
Step 16: Install PDF iFilter and configure indexed file types

Step	
Download the PDF iFilter from http://www.foxitsoftware.com/pdf/ifilter/ NOTE: The only company that is supplying a 64 bit PDF iFilter is Fox IT.	
Install the iFilter by running the downloaded MSI package	
Add PDF to the indexed file types: <ul style="list-style-type: none"> - Shared Services > Search Settings > File Types - Click "New File Type" - Enter "pdf" and click "OK" 	

Step 17: Grant service accounts permissions to DCOM objects

Step	
Open the Knowledge Base article KB920783 and perform the mentioned steps. This will prevent DCOM errors (Event ID 10017) from appearing in the event log.	http://support.microsoft.com/kb/920783
<ol style="list-style-type: none"> 1.) Click Start, click Run, type dcomcnfg in the Open box, and then click OK. 2.) Expand Component Services, expand Computers, expand My Computer, and then click DCOM Config. 3.) Right-click IIS WAMREG admin Service, and then click Properties. 4.) Click the Security tab. 5.) Under Launch and Activation Permissions, click Edit. 6.) In the Launch Permission dialog box, click Add. 7.) In the Select Users, Computers, or Groups dialog box, type the WSS_WPG and WSS_ADMIN_WPG groups, click Check Names, and then click OK. 8.) In the Permissions for UserName list, click to select the Allow check box that is next to Local Activation, and then click OK two times. 	
This issue has been fixed since the Public Update of October 9th. Unfortunately a new issue has been introduced which can be fixed:	
Perform the same steps mentioned above for the OSearch and SPSearch DCOM components.	More info: http://share-point.blogspot.com/2007/11/mosswsv3-bug-in-sharepoint-public.html

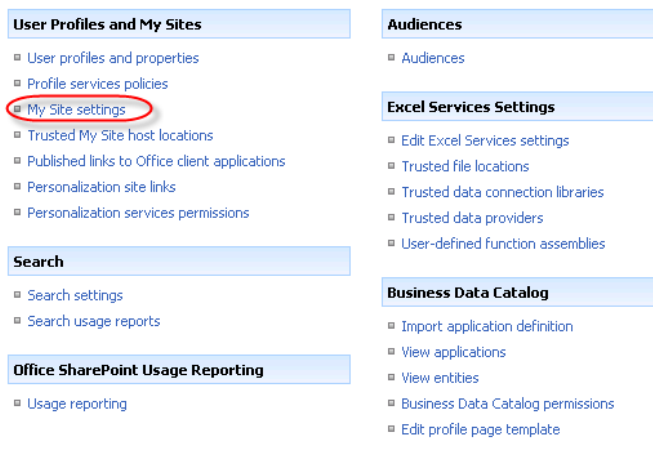

Step 18: Configure profile import schedule

Step	
<p>When an Active Directory is present, it is possible to import user data into the SharePoint profile database. This data will be used in the users MySites.</p> <p>To configure the profile import, go to the Shared Services Page at http://shardservices.domain.nl and click "User profiles and properties".</p>	
<p>Verify that your current domain has been selected by checking the name after "Current domain (<domain>)". <domain> should list your domain.</p> <p>Click "Configure profile import"</p>	
<p>Scroll down, select the checkbox "Schedule full import" and enter an appropriate time. Do the same for the Incremental Import.</p> <p>Click "OK"</p>	

Step 19: Configure indexing schedule

Step	
<p>Open the Shared Services at http://shareservices.domain.nl and click "Search settings"</p>	
<p>Open the Content Sources by clicking "1 defined (Local Office SharePoint Server sites)"</p>	
<p>Hover over the "Local Office SharePoint Server sites" item and click the yellow arrow on the right to open the menu.</p> <p>Select menu item "Edit"</p>	
<p>Scroll down to the "Crawl Schedules" section and click "Create Schedule" under "Full Crawl" to create a new schedule.</p>	
<p>Select the desired schedule and click "OK"</p>	
<p>Do the same for the Incremental Crawl and click "OK" afterwards. Content will be crawled according to the specified schedule.</p>	

Step 20: Change MySite settings

Step	
<p>Open the Shared Services at http://shareservices.domain.nl and click "My Site Settings"</p>	
<p>Scroll down and select "Domain and user name (will not have conflicts)" at the "Site Naming Format".</p> <p>Click "OK".</p>	

Step 21: (Optional) Install STSADM Extensions

Step	
<p>Gary Lapointe created some STSAdm extensions, which provide extra functionality on top of the default operations. If you like to install these extensions, download them from http://stsadm.blogspot.com</p> <p>Download: http://www.thelapointes.com/blog/Lapointe.SharePoint.STSADM.Commands.wsp</p>	<p>More info: http://stsadm.blogspot.com/2007/08/stsadm-commands_09.html</p>
<p>Add the solution by running the command:</p>	<pre>stsadm -o addsolution -filename "Lapointe.SharePoint.STSADM.Commands.wsp"</pre>
<p>Deploy the solution by running the command:</p>	<pre>stsadm -o deploysolution -local -allowgacdeployment -name "Lapointe.SharePoint.STSADM.Commands.wsp"</pre>
<p>Force the deployment jobs to run:</p>	<pre>stsadm -o execadmsvcjobs</pre>

Step 22: Windows Update

Step	
<p>Run a "Microsoft Update" and install all missing patches.</p>	<p>http://update.microsoft.com</p>

Appendix 1: Create your own MOSS SP1 Slipstream

Step	
<p>Download MOSS and WSS Service Pack 1 files</p> <p>You can download the MOSS and WSS SP1 files from here. You will need both service packs for a MOSS installation.</p> <p>Once downloaded you will have two executable files: <i>Wssv3sp1-kb936988-x86-fullfile-en-us.exe</i> and <i>Officeserver2007sp1-kb936984-x86-fullfile-en-us.exe</i></p>	<p>WSS SP1: http://www.microsoft.com/downloads/details.aspx?FamilyID=4191a531-a2e9-45e4-b71e-5b0b17108bd2&DisplayLang=en MOSS SP1: http://www.microsoft.com/downloads/details.aspx?FamilyID=ad59175c-ad6a-4027-8c2f-db25322f791b&DisplayLang=en</p>
<p>Extract the exe's</p> <p>You now need to extract the exe's, to do this enter this command</p> <p>NOTE: This assumes you've downloaded the exe's to your c:\, change if not</p>	<pre>C:\Wssv3sp1-kb936988-x86-fullfile-en-us.exe /extract:c:\wsssp1extract C:\Officeserver2007sp1-kb936984-x86-fullfile-en-us.exe /extract:c:\mosssp1extract</pre>
<p>3 - Add the extracted files to your RTM MOSS installation</p> <p>Once you've extracted the service pack exe's you need to copy the extracted contents to the /Updates folder on the MOSS CD. The easiest way to do this is take a copy of your MOSS RTM CD (or extract your ISO image) onto your file system and simply copy the contents of both c:\wsssp1extract and c:\mosssp1extract into the \Updates folder (both the WSS and MOSS service pack files go into the same folder, do not use sub-folders)..</p>	