#### Terms

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## 3.1 Scope

This chapter will examine the process of installing Microsoft SharePoint Foundation 2013 onto a new domain connected standalone Windows server.

#### 3.2 Prerequisites

There are a number of requirements on any system onto which you plan to install Windows SharePoint Foundation 2013. These minimum requirements are:

- Domain connected Windows Server 2008 R2 Service Pack 1
- Dot Net Framework Version 4.5
- Internet Information Services (IIS) configured with ASP .NET
- Microsoft SQL Server 2008 R2 SP1

#### Data storage location

SharePoint Server has the ability to store data in a number of locations, including Microsoft SQL Server 2008 R2 Express Edition that comes with SharePoint Foundation 2013. The planned location of your SharePoint Server data will have an impact on the installation method you are able to choose. For further information about these options and impacts please see – **Chapter 8 - Database Operations**.

If SharePoint Foundation 2013 installs Microsoft SQL Server 2008 R2 Express Edition the default location for the SharePoint content databases will be *c*:\*program files\Microsoft SQL Server\MSSQL10\_50.SharePoint\MSSQL\Data.* 

Once these requirements have been met it is also advisable to ensure that the machine on which you wish to install SharePoint Foundation 2013 is updated with all the latest patches and service packs. It is also advisable to do a reboot of the system prior to a SharePoint Foundation 2013 installation to ensure a clean run up environment.

#### 3.3 Installation

SharePoint Foundation 2013 is not supported on a server that is not connected to a domain or on a domain controller machine. Trying to install the software in this configuration will result in the following errors during the Configuration wizard.



And these errors if doing a Complete installation.



To allow successful default installation that is supported the SharePoint Foundation 2013 server must be a domain connected member server.

We'll cover the following installations:

- Standalone
- Complete

After meeting all the server prerequisites and downloading the SharePoint Foundation 2013 software from the Microsoft web site and logging into the Windows Server as an administrator, commence the installation by **double clicking** on the *sharepoint.exe* file.

Microsoft SharePoint Foundation 2013	×
Extracting files, please wait	
Cancel	

The files will automatically be extracted the installation will commence.

SharePoint Foundation 2013
PrepareReview hardware and software requirementsRead the installation guideRead the upgr_de guideInstallInstall software prerequisitesInstall SharePoint FoundationOther InformationVisit Windows UpdateVisit product website

Click on the option Install software prerequisites under the Install heading.

М	icrosoft® SharePoint® 2013 Products Preparation Tool	x
	Welcome to the Microsoft® SharePoint® 2013 Products Preparation Tool	
	The Microsoft® SharePoint® 2013 Products Preparation Tool checks your computer for required products and updates. It may connect to the internet to download products from the Microsoft Download Center. The tool installs and configures the following products:	
	Microsoft .NET Framework 4.5     Windows Management Framework 3.0     Application Server Role. Web Server (IIS) Role     Microsoft SQL Server 2008 R2 SP1 Native Client     Microsoft Sync Framework Runtime v1.0 SP1 (x64)     Windows Server AppFabric     Microsoft Identity Extensions     Microsoft Information Protection and Control Client     Microsoft WCF Data Services 5.0     Cumulative Update Package 1 for Microsoft AppFabric 1.1 for Windows Server     (KB2671763)	
	< Back Next > Cancel	

Click Next to continue.

Microsoft® SharePoint® 2013 Products Prepar	
	ration Tool
cense Terms for software products. This solution requires that you install each of the following software modules and agree t review the license terms.	to their license terms. Please
MICROSOFT SOFTWARE LICENSE TERMS	
Below are two sets of License Terms that cover ten	different Microsoft
products. The products covered by these license ter	ms are:
LICENSE 1	
Microsoft Windows Identity Foundation 1.0	
Microsoft Windows Management Framework 3.0	
LICENSE 2	
Microsoft Sync Framework Runtime 1.0 SP1	
William of Commen 2000 DO Mitting Clinet CD1	~
Be sure to carefully read and understand all of the rights and restrictions described in the the EULA before the products can be downloaded and installed on your computer.	e EULA. You must accept the terms of
I have read, understood, and agreed to the terms of the End User License Agreement(s	) and so signify by clicking "I accept the
terms of the License Agreement(s)" and using these products.	

Click the option I accept the terms of the License Agreement(s) and press the Next button to continue.

Microsoft® SharePoint® 2013 Products Preparation Tool
Microsoft® SharePoint® 2013 Products Preparation Tool Now Installing Prerequisites
Configuring Application Server Role, Web Server (IIS) Role
Started 12:02:47 PM, running for 0:00:14
< Back Next > Cancel

If the software is not installed on the server it will automatically be downloaded and installed. It is important to note during the installation of these prerequisites a number of reboots maybe required. This will generally happen automatically and the number will depend on what software is already installed on your machine.

When the process is complete the server may need to be rebooted before proceeding. When the reboot is complete the installation process will continue until you see a screen like:

Ν	icrosoft® SharePoint® 2013 Products Preparation Tool	x
	Your system needs to restart to continue. Press Finish to restart your system.	
	<ul> <li>Microsoft .NET Framework 4.5: was already installed (no action taken)</li> <li>Windows Management Framework 3.0: was already installed (no action taken)</li> <li>Application Server Role, Web Server (IIS) Role: requires restart of the computer to complete installing</li> <li>Microsoft SQL Server 2008 R2 SP1 Native Client: Installation skipped</li> <li>Microsoft Sync Framework Runtime v1.0 SP1 (x64): Installation skipped</li> <li>Windows Server AppFabric: Installation skipped</li> <li>Microsoft Identity Extensions: Installation skipped</li> <li>Microsoft Information Protection and Control Client: Installation skipped</li> <li>Microsoft Information Protection and Control Client: Installation skipped</li> <li>Cumulative Update Package 1 for Microsoft AppFabric 1.1 for Windows Server (KB2671763): Installation skipped</li> </ul>	
	Review the log file	
	< Back Finish Car	ncel

When you press **Finish** the server will automatically reboot and apply any updates.



After logging back into the system the installation will continue during which time you will probably see additional software downloaded and installed.



After this, the server may need to reboot again.

Micro	osoft® SharePoint® 2013 Products Preparation Tool	x
	Your system needs to restart to continue. Press Finish to restart your system.	
	Microsoft .NET Framework 4.5: was already installed (no action taken)     Windows Management Framework 3.0: was already installed (no action taken)     Application Server Role, Web Server (IIS) Role: configured successfully     Microsoft SQL Server 2008 R2 SP1 Native Client: installed successfully     Microsoft Sync Framework Runtime v1.0 SP1 (k64): installed successfully     Windows Server AppFabric: installed successfully     Microsoft Information Protection and Control Client: installed successfully     Microsoft WCF Data Services 5.0: installed successfully     Cumulative Update Package 1 for Microsoft AppFabric 1.1 for Windows Server     (KB2671763): installed successfully	
	Review the log file	
	< <u>B</u> ack Finish Cano	el

After rebooting and logging in to the server again the installation will continue. After it has finally completed you should see the following:

Micro	osoft® SharePoint® 2013 Products Preparation Tool	x
TAS	Installation Complete	
	All required prerequisites have been installed or enabled.	
	<ul> <li>Microsoft .NET Framework 4.5: was already installed (no action taken)</li> <li>Windows Management Framework 3.0: was already installed (no action taken)</li> <li>Application Server Role, Web Server (IIS) Role: configured successfully</li> <li>Microsoft SQL Server 2008 R2 SP1 Native Client: equivalent products already installed (no action taken)</li> <li>Microsoft Sync Framework Runtime v1.0 SP1 (x64): was already installed (no action taken)</li> <li>Microsoft Identity Extensions: equivalent products already installed (no action taken)</li> <li>Microsoft Identity Extensions: equivalent products already installed (no action taken)</li> <li>Microsoft Identity Extensions: equivalent products already installed (no action taken)</li> <li>Microsoft Identity Extensions: equivalent products already installed (no action taken)</li> <li>Microsoft Identity Extensions: equivalent products already installed (no action taken)</li> <li>Microsoft UCF Data Services 5.0: equivalent products already installed (no action taken)</li> <li>Cumulative Update Package 1 for Microsoft AppFabric 1.1 for Windows Server (KB2671763): was already installed (so action taken)</li> <li>Some features may require additional optional prerequisites. Please review them on <a href="http://windowsupdate.microsoft.com/fwink/?Link1D=230806">http://windowsupdate.microsoft.com/fwink/?Link1D=230806</a>.</li> <li>It is recommended that you keep your Windows operating system up to date on <a href="http://windowsupdate.microsoft.com/fwink/?Link1D=230806">http://windowsupdate.microsoft.com/fwink/?Link1D=230806</a>.</li> </ul>	
	< <u>B</u> ack Finish Car	ncel

Note, any items that have been skipped or errors that have occurred as these may prevent SharePoint Foundation 2013 installing.

Click the **Finish** button to proceed.



You may need to re-run the installation program and return to the initial menu. Now press the option **Install SharePoint Foundation** to install the software.

5	Microsoft SharePoint Foundation 2013	x
	Read the Microsoft Software License Terms	0
	To continue you must accept the terms of this agreement. If you do not want to accept the Microsoft Software License Terms, close this window to cancel the installation.	
	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SHAREPOINT FOUNDATION 2013 MICROSOFT SQL SERVER 2008 R2 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft • updates, • supplements, • Internet-based services, and • support services for this software, unless other terms accompany those items. If so, those terms apply. By using the software, you accept these terms. If you do not accept them, do not use the software. As described below. using some features also operates as your consent to ✓ I accept the terms of this agreement	
	Continue	

The first window to be displayed will be the *Microsoft Software License Terms*. After reviewing this, check the - I accept the terms of this agreement in the lower left of the window and press the **Continue** button.

⊅		Microsoft SharePoint Foundation 2013		x
	Server Type Dat	ta Location		
	Ser	rver Type	?	
	Selec	ct the type of installation you want to install on the server.		
	0 <u>c</u>	Complete – Use for production environments. Installs all components to a farm that you can expand with more servers. Requires SQL Server 2008 R2 SP1 (minimum requirement).		
	2 © • •	Stand-alone – Use for trial or development environments. • Installs all components on a single server. • This installation cannot add servers to create a SharePoint farm. • Includes SQL Server 2008 R2 Express Edition with SP1 in English.		
		[	Install Now	

The next window to be displayed will ask you for the type of installation you wish. It is important to pause here and consider the options that are presented and the ramifications they may have for your installation.

Installation type

- a. **Stand-alone** Selecting this option will install SharePoint Foundation 2013 onto your server using the standard defaults. You will NOT be prompted about things like file locations, database locations or whether you wish to only create a web front end. Selecting this option will automatically complete the following tasks:
  - a. Install SharePoint Server programs to c:\program files\common files\Microsoft Shared\web server extensions\15
  - b. Install Microsoft SQL Server 2008 R2 Express Edition as the SharePoint Server storage option and install this automatically to c:\program files\Microsoft SQL Server\. You will be able to upgrade from this version at a later stage if required.

- c. Locate the SharePoint content database in *c*:\*program files\Microsoft SQL Server\MSSQL10\_50.SharePoint\MSSQL\Data.*
- d. Configure a SharePoint Server web site on port 80.
- e. Configure a SharePoint Server team site collection.
- f. SharePoint Server will be configured for a single stand alone server. You will be unable to create a SharePoint farm later if required.

Note that using the Standalone option you are unable to change any of the selections mentioned above.

 b. Complete – Selecting this option will provide you will the full range of options with your SharePoint Foundation 2013 installation. However, it is important to note that you will have to complete ALL of the configuration steps and selections (including the creation of a SharePoint Foundation 2013 site collection) manually.

#### Stand alone



The SharePoint binary files will be copied to the local server. There is no option to cancel this process until it is complete.



At the end of this process you will prompted to run the configuration wizard. Simply leave the **Run the SharePoint Products Configuration Wizard now** option checked and press the **Close** button.



The configuration wizard will now run through ten or so stages to complete the configuration on the server. During this process there is no option to enter further information and the only option available is to press the **Cancel** button to halt the process.

SharePoint Products Config	guration Wizard 📃 💻 🗖
Configuration Successful	
The following configuration settings were successfully applied	:
<ul> <li>Configuration Database Server</li> </ul>	spserver\sqlexpress
<ul> <li>Configuration Database Name</li> </ul>	SharePoint_Config
<ul> <li>Host the Central Administration Web Application</li> </ul>	yes
<ul> <li>Central Administration URL</li> </ul>	http://spserver:23429/
<ul> <li>Authentication provider</li> </ul>	NTLM
in the form DOMAIN\User_Name and password to access the you used to logon to this computer. Add this site to the list of	site. At that prompt, enter the credentials that rusted sites when prompted.
	Finish

Once the wizard has completed all the steps you will see the above summary screen indicating that the configuration was successful. Press the **Finish** button to continue.



Your default site should now appear like shown above after a few moments.

#### Complete installation

Prior to commencing this installation you will need a suitable version of SQL installed on the SharePoint server into which the SharePoint content can be saved. The Complete installation process will not automatically install an SQL version for you.



The SharePoint binary files will be copied to the local server. There is no option to cancel this process until it is complete.



© <u>www.ciaops.com</u> 29 December 2014 Once the file installation process is complete you will be prompted to run the *Configuration Wizard* as shown above.

If you leave the *Run the SharePoint Products and Technologies Configuration Wizard now* option checked and press the **Close** button the wizard will commence. If you uncheck this option and press the **Close** button the wizard will not run and you need to run it at a later stage to configure SharePoint Foundation 2013.

It is generally recommended that you leave the option checked and press the **Close** button to run the *SharePoint Products and Technologies Configuration Wizard*.

	SharePo	int Products (	Configuration \	Wizard	
Welcome	to SharePoin	t Products			
In order to con	figure SharePoint Proc	lucts, you will req	uire the following i	nformation:	
<ul> <li>Name of d</li> </ul>	atabase server and d	atabase where se	rver farm configura	tion data will be store	d
<ul> <li>Username</li> </ul>	and password for the	e database access	account that will a	dminister the server f	arm
Click Next to co	ntinue or Cancel to ex	(it the wizard. To r	un the wizard agai	n, click on the Start M	enu shortcut.
0					
<b>U</b>					
				Next	Cancel

If you left the option check the *SharePoint Products and Technologies Configuration Wizard* will commence.

If you are not doing a Standalone installation then the window warns you that to complete the wizard you require:

- Name of database server and database where server farm configuration will be stored. You must have this database in place prior to proceeding.

- Username and password for the database access account that will administer the server farm.

Press the **Next** button to continue.

SharePoint Products Configuration Wizard
The following services may have to be started or reset during configuration: Internet Information Services SharePoint Administration Service SharePoint Timer Service Choose yes to restart the services if required and continue with the configuration wizard or no to exit the configuration wizard.
Yes No

You will now be warned that a number of services on the server will be started or reset. These services are:

- Internet Information Services
- SharePoint Administration Service
- SharePoint Timer Service

Note that any users making use of these services on the Windows Server will have their processes interrupted during this process. If you do not wish this to happen press the **No** button to abort the process.

Press the Yes button to proceed.



If you did not select a Standalone installation you are now presented with the option to either connect to an existing SharePoint server 'SharePoint farm' or create a new server farm. In this case, because this is a new installation, select – **Create a new server farm** and press the **Next** button to continue.

SharePoint Pro	oducts Configuration Wizard			
Specify Configuration Data	Specify Configuration Database Settings			
All servers in a server farm must share a config name. If the database does not exist, it will b empty. For additional information regarding please see <u>help</u> .	guration database. Type the database server and database e created. To reuse an existing database, the database must be database server security configuration and network access			
Database server:	spserver\sqlexpress			
Database name:	SharePoint_Config			
Select an existing Windows account that this database. If your configuration database is h Type the username in the form DOMAIN\User Username:	machine will always use to connect to the configuration hosted on another server, you must specify a domain account. r_Name and password for the account. domain\administrator			
Password:	••••••			
0				

Because you selected the option to create new farm (Complete installation) you will now be prompted for the location of your database server. The *Server Farm Installation* option selected previously does not automatically install the Microsoft SQL Server 2008 R2 Express Edition and thus you will need to already have a compatible database server available on your network. Typically, this database server will be Microsoft SQL Server (2008 Express, Express R2, Workgroup, Standard, etc). For more information about the SharePoint Foundation 2013 database options see - **Chapter 8 – Database Operations**.

Note that you may be required to enter your database server name as <SERVER>\<INSTANCE> and the database access account as <domain>\<username>.

When these options are complete, press the **Next** button to continue.



If you attempt to install onto a server that is not part of a domain you will see the above screen informing you that local user accounts can only be used in stand-alone mode. You are also prevented from proceeding further.

Once the server is on a domain and you have completed the required fields, press the **Next** button to continue.



You will now be prompted to enter a passphrase. This passphrase is used by SharePoint Foundation 2013 to allow the different components and servers in a farm to communicate securely.

Enter the desired passphrase, ensuring that it meets you security policy and press the **Next** button to continue. Note you may change this password later if desired.



Now you will be prompted to set the SharePoint Central Administration Web Site port number if you want. By default, the installation will choose a random port. This configuration will ensure that the SharePoint Central Administration site doesn't conflict with an existing web site (especially the default web site on port 80). It is recommended that you leave this option unchecked so the installation can select a free random port.

You are also prompted for the authentication provider required for SharePoint server security. This provider is referenced by SharePoint Server to determine who has access to the information in SharePoint Server. It is possible to change this at a later stage, however initially, it is recommended that it be left as NTLM.

When this is complete press the **Next** button to continue.

SharePoint Products Confi	guration Wizard 📃 🗖 🗖
Completing the SharePoint Products	Configuration Wizard
The following configuration settings will be applied:	
<ul> <li>Configuration Database Server</li> </ul>	spserver/sqlexpress
<ul> <li>Configuration Database Name</li> </ul>	SharePoint_Config
<ul> <li>Host the Central Administration Web Application</li> </ul>	yes
<ul> <li>Central Administration URL</li> </ul>	http://spserver:23429/
<ul> <li>Authentication provider</li> </ul>	NTLM
Click Next to apply configuration settings.	
Advanced Settings	
<u> </u>	< Back Next > Cancel

You are now finally presented with a summary of your installation choices. After reviewing these press the **Next** button to continue.



The configuration wizard will now run through ten or so stages to complete the configuration on the server. During this process there is no option to enter further information and the only option available is to press the **Cancel** button to halt the process.

spserver\sqlexpress SharePoint_Config yes http://spserver:23429/ NTLM
spserver\sqlexpress SharePoint_Config yes http://spserver:23429/ NTLM
spserver\sqlexpress SharePoint_Config yes http://spserver:23429/ NTLM
SharePoint_Config yes http://spserver:23429/ NTLM
yes http://spserver:23429/ NTLM
http://spserver:23429/
NTLM
hat prompt, enter the credentials that ites when prompted.
Finish

Once the wizard has completed all the steps you will see the above summary screen indicating that the configuration was successful. Press the **Finish** button to continue.

	Windows Security	x
iexplore Connecting to	SPSERVER.domain.com.	
P	administrator         •••••••         Domain: DOMAIN         Remember my credentials	
	OK Cance	el

# Help Make SharePoint Better Do you want to help make SharePoint better? You can help make SharePoint better by signing up for the Customer Experience Improvement Program and automatically upload error reports to Microsoft Improvement Program and automatically sending error reports to Microsoft. More Information

You will now be taken to the SharePoint Central administration site and prompted to whether you wish to participate in the Customer Experience Program. You may also be prompted to login to access the site prior to it opening. Make your selection and press **OK**.

		System	n Account 🗸 🛛 🥸	?
			🗘 SHARE	[□]
s >	Welcome 🛛			
Central Administration				
Application Management	How do you want to configure your SharePoint farm?	Yes, walk me through the configuration of my farm	Start the Wizard	
System Settings	This wizard will help with the initial configuration of your	using this wizard.		
Monitoring	SharePoint farm. You can select the services to use in this farm and create your first site.			
Backup and Restore	You can launch this wizard again from the Configuration	No. I will configure everything myself.		
Security	Wizards page in the Central Administration site.	··, · ····	Cancel	
Upgrade and Migration				
General Application Settings				
Apps				
Configuration Wizards				

You will now be taken to the SharePoint Central administration site. The process will also start the SharePoint configuration wizard for you as shown above.

In most cases you will need to add the server URL to the safe sites to allow the scripts that run the wizard to function.



To manually configure a SharePoint site select **Manage web applications** from the *Application Management* heading.

				System Account 🗸 🌼 📍
BROWSE WEB APPLICATION	NS			🗘 SHARE 🖂
New Extend Delete Gen Contribute	Manage Features Managed Paths erail ngs Manage	Authentication Self-Service Site Providers Self-Service Site Greation Security	User Policy Policy Policy	
Central Administration	Name		URL	Port
Application Management	SharePoint Centra	Administration v4	http://spserver:23429/	23429
System Settings				
Monitoring				
Backup and Restore				
Security				
Upgrade and Migration	n			
General Application Settings				
Apps				
Configuration Wizards				

You should only see the Central Administration web site as shown above. Press the **New** button in the top left of the Ribbon Menu to create a new web application for the SharePoint site.

Create New Web Appli	cation	×
Warning: this page is not encryp information will be sent in clear t	ted for secure communication. User names, passwords, and any other ext. For more information, contact your administrator.	^
IIS Web Site Choose between using an existing IIS web site or create a new one to serve the Microsoft SharePoint Foundation application. If you select an existing IIS web site, that web site must exist on all servers in the farm and have the same name, or this action will not succeed. If you opt to create a new IIS web site, it will be automatically created on all servers in the farm. If an IIS setting that you wish to change is not shown here, you can use this option to create the basic site, then update it using the standard IIS tools.	OK       Cancel         Ouse an existing IIS web site       Image: Comparison of the site         Default Web Site       Image: Comparison of the site         Create a new IIS web site       Image: Comparison of the site         Name       SharePoint - 80         Port       80         Host Header       Image: Comparison of the site         Path       C:\inetpub\wwwroot\wss\VirtualDirectories\80	
Security Configuration		
If you choose to use Secure Sockets Layer (SSL), you must add the certificate on each	Allow Anonymous O Yes I No	~

You now need to enter the new web application information. It is generally recommended that you create a new IIS web site.

Scroll down to enter more information.

Create New Web Applic	cation	×
server using the IIS administration tools. Until this is done, the web application will be inaccessible from this IIS web site.	Use Secure Sockets Layer (SSL) O Yes	^
Claims Authentication Types Choose the type of authentication you want to use for this zone.	<ul> <li>Enable Windows Authentication</li> <li>Integrated Windows authentication</li> <li>NTLM</li> </ul>	~
Negotiate (Kerberos) is the recommended security configuration to use with Windows authentication. If this option is selected and Kerberos is not configured, NTLM will be used. For Kerberos, the application pool account needs to be Network Service or an account that has been configured by the domain administrator. NTLM authentication will work with any application pool account and with the default domain configuration.	Basic authentication (credentials are sent in clear text)  Enable Forms Based Authentication (FBA) ASP.NET Membership provider name  ASP.NET Role manager name  Trusted Identity provider There are no trusted identity providers defined.	
Basic authentication method passes users' credentials over a network in an unencrypted form. If you select this option, ensure that Secure Sockets Layer (SSL) is enabled. ASP NET membership and role		~

In most cases you want to leave the default information.

Scroll down for more choices.

Create New Web Appli	cation	×
Sign In Page URL When Claims Based Authentication types are enabled, a URL for redirecting the user to the Sign In page is required. Learn about Sign In page redirection URL.	<ul> <li>Default Sign In Page</li> <li>Custom Sign In Page</li> </ul>	^
Public URL The public URL is the domain name for all sites that users will access in this SharePoint Web application. This URL domain will be used in all links shown on pages within the web application. By default, it is set to the current servername and port. http://go.microsoft.com/fwlink/? Linkld=114854	URL http://SPSERVER:80/ Zone Default	
Application Pool Choose the application pool to use for the new web application. This defines the account and credentials that will be used by this service. You can choose an existing	<ul> <li>Use existing application pool</li> <li>.NET v2.0 ()</li> <li>Create new application pool Application pool name</li> <li>SharePoint - 80</li> </ul>	~

By default the URL for the site will be the name of the server.

Scroll down for more choices.

Create New Web Appli	cation	×
I his defines the account and credentials that will be used by this service. You can choose an existing application pool or create a new one.	<ul> <li>Create new application pool Application pool name</li> <li>SharePoint - 80</li> <li>Select a security account for this application pool</li> <li>Predefined</li> <li>Network Service</li> <li>Configurable</li> <li>DOMAIN\Administrator</li> <li>Register new managed account</li> </ul>	^
Database Name and Authentication Use of the default database server and database name is recommended for most cases. Refer to the administrator's guide for advanced scenarios where specifying database information is required. Use of Windows authentication is strongly recommended. To use SQL authentication, specify the credentials which will be used to connect to the database.	Database Server spserver\sqlexpress Database Name WSS_Content Database authentication Windows authentication (recommended) SQL authentication Account Password	
Failover Server	Enilovar Databasa Sanvar	~

It is generally recommended that you create a new application pool to host the web service. You can also enter the database server and name if desired. By default the content database will be WSS\_CONTENT.

Scroll down for more options.

Create New Web Appli	cation	×
Failover Server You can choose to associate a database with a specific failover server that is used in conjuction with SQL Server database mirroring.	Failover Database Server	^
Service Application Connections Choose the service applications that this Web application will be connected to. A Web application can be connected to the default set of service applications or to a custom set of service applications. You can change the set of service applications that a Web application is connected to at any time by using the Configure service application associations page in Central Administration.	Edit the following group of connections: default 🔽 There are no items to show in this view.	
Customer Experience Improvement Program Collect web site analytics about web pages on this web application. Please read the Administration guide before turning this on for web applications available over the public Internet.	Enable Customer Experience Improvement Program Yes No Warning: In order for Customer Experience Improvement Program (CEIP) to collect data, both CEIP and browser CEIP, at the farm level, should be enabled.	~

When complete, press the Save button to create the web application.

## Application Created

The Microsoft SharePoint Foundation Web application has been created.

If this is the first time that you have used this application pool with a SharePoint Web application, you must wait until the Internet Information Services (IIS) Web site has been created on all servers. By default, no new SharePoint site collections are created with the Web application. If you have just created a Forms Based Authentication (FBA) Web application, then before creating a new site collection, you will need to perform some additional configuration steps.

Learn about how to configure a Web application for FBA.

Once you are finished, to create a new site collection, go to the Create Site Collection page.



After a few moments the web application should be created and you should receive a confirmation message like that shown above.

Press the Create Site Collection link to continue.

			😲 SHARE	E
s	Create Site Col	lection o		^
Central Administration Application Management System Settings Monitoring Backup and Restore	Web Application Select a web application. To create a new web application go to New Web Application page.	Web Application: http://spserver/ -	OK Cancel	
Security Upgrade and Migration General Application Settings Apps Configuration Wizards	Title and Description Type a title and description for your new site. The title will be displayed on each page in the site.	Title: Intranet X Description:		
	Web Site Address Specify the URL name and URL path to create a new site, or choose to create a site at a specific path. To add a new URL Path go to the Define Managed Paths page.	URL: http://spserver / 🔽		~

×

		🗘 share	[1]
Template Selection	Select experience version:		^
	Select a template:		
	Collaboration Enterprise Custom		
	Blog Developer Site		
	A place to work together with a group of people.		
Primary Site Collection Administrator Specify the administrator for this site collection. Only one user login can be provided; security groups are not supported.	User name: SPSERVER\administrator		
Secondary Site Collection Administrator Optionally specify a secondary site collection administrator. Only one user login can be provided; security groups	User name:		

Enter a Title and Description, then scroll down for more options.

Select a site template and enter a *Primary* and *Secondary* (if required) site administrator.

Scroll down for more options.

		SHARE	LL,
	A place to work together with a group of people.		^
Primary Site Collection Administrator Specify the administrator for this site collection. Only one user login can be provided; security groups are not supported.	User name: SPSERVER\administrator		
Secondary Site Collection Administrator Optionally specify a secondary site collection administrator. Only one user login can be provided; security groups are not supported.	User name:		
Quota Template Select a predefined quota template to limit resources used for this site collection. To add a new quota template, go to the Manage Quota Templates page.	Select a quota template: No Quota Storage limit: Number of invited users:		
	OK	Cancel	]

Set a *Quota template* if desired.

When complete press the **OK** button to continue.



The site collection creation process will take a few moments.

	🗘 SHARE 🛛 🖂
Central Administration	Central Administration - Application Management - T
Application Management	ne new top-level site was created successfully with the specified UKL. If you have permission to view the web site, you can do so in a new browser window by clicking the URL. To return to SharePoint Central Administration, click <b>OK</b> .
System Settings	incipi) apacitici
Monitoring	QK
Backup and Restore	
Security	
Upgrade and Migration	
General Application Settings	
Apps	

When the creation process is complete you should receive a confirmation message, like that shown above, that the top level SharePoint site has been created.



Press the hyperlink with URL address to view the site.

Your default site should now appear like shown above.

There are a number of additional services that needs to be configured but this will be covered in future updates to this chapter.

## 3.4 Conclusion

Prior to any installation you need to decide on what type of installation you wish to perform, advanced, default or stand alone. Each of these options presents a number of different options that can be selected during the installation process and can affect the future growth of your installation.

Please send your comments and feedback to <u>director@ciaops.com</u>.