Comment installer WSS V3 sur Windows Server 2008 Beta 3 (LongHorn)



Avec la mise à disposition du grand public de la version Beta 3 de son nouveau système d'exploitation pour serveurs « Windows Server 2008 », WSS V3 est maintenant intégré au système.

Nous allons donc voir comment installer Windows SharePoint Services V3 sur ce système.



Installation de Windows Server 2008

Cette installation est vraiment simple ce qui explique que nous ne verrons pas d'explication sur le sujet.

Attention tout de même, ceci est une version Béta et donc à ce titre elle peut être amenée à provoquer des erreurs. Il est donc conseillé de ne pas utiliser ce système sur un serveur de production.

Installation de Windows SharePoint Services

Comme pour Windows Server 2003 où le service WEB est un rôle applicatif à installer (activer) sur le serveur, Windows Server 2008 possède un nouveau rôle :

• SharePoint Services

Pour donc activer ce nouveau rôle, il faut lancer le Server Manager :

• Start > Administrative Tools > Server Manager



On voit une nouvelle interface qui est une amélioration de l'outil existant depuis Windows 2000 :

• Computer Manager (Gestion de l'ordinateur)

Cette interface contient de nouvelles rubriques et sous-rubriques, dont « Roles » et « Features » (un rôle peut correspondre à plusieurs « features »). Nous allons dans la partie « Roles » afin de voir comment installer WSS.

	×
File Action View Help	
Server Manager (LH-SY3JDWVRYR Poles Peatures Diagnostics Configuration Storage New the health of the roles installed on your server and add or remove roles and features. Roles Remove Roles	
Last Refresh: 5/17/2007 4:39:43 PM Configure refresh	

Pour installer ce rôle, il faut cliquer sur « Add Roles » afin de choisir parmi les rôles possibles nativement. Un outil se lance alors pour vous aider dans cette installation.

Add Roles Wizard		×
Before You Begin	1	
Before You Begin Select Server Roles Confirm Installation Selections Installation Progress Installation Results	This wizard helps you install roles on this server. You determine which roles to install based on the tasks you want this server to perform, such as sharing documents or hosting a Web site. Before you continue, verify that: • The Administrator account has a strong password • Network settings, such as static IP addresses, are configured • The latest security updates from Windows Update are installed If you have to complete any of the preceding steps, cancel the wizard, complete the steps, and then run the wizard again. To continue, dick Next. • Do not show this page again < Previous Previous	

On clique sur « Next » pour choisir le rôle à activer parmi la liste des rôles disponibles.

Add Roles Wizard		X
Select Server Ro	les	
Before You Begin Select Server Roles Confirm Installation Selections Installation Progress Installation Results	Select one or more roles to install on this server. Roles: Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services Active Directory Rights Management Services DHCP Server DHS Server Fax Server File Services Network Policy and Access Services Print Services UDDI Server Windows Deployment Services Windows SharePoint Services Windows SharePoint Services	Description: Windows SharePoint Services helps organizations increase productivity by creating Web sites where users can collaborate on documents, tasks, and events and easily share contacts and other information. The environment is designed for flexible deployment, administration, and application development.

En cochant le rôle « Windows SharePoint Services », on voit apparaître la liste des « features » dépendantes avec la notion de regroupement comme toujours.

Add Roles Wizard	
Add role services and features required for Windows SharePoint Services?	
You cannot install Windows SharePoint Services unless the following role services and features are also installed:	
 Web Server (IIS) Web Server Common HTTP Features Application Development Security Health and Diagnostics Performance Management Tools IIS Management Console IIS 6 Management Compatibility Windows Process Activation Service Process Model .NET Environment Configuration APIs .NET Framework 3.0 .NET Framework 3.0 Features 	
Add Required Role Services Cancel	
Why are these role services and features required?	1

On clique sur « Add Required Role Services » pour valider le choix et on voit que le rôle « Web Server (IIS) » a été aussi activé.

Add Roles Wizard		×
Select Server Ro	les	
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	Select one or more roles to install on this server. Roles: Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services Active Directory Rights Management Services Application Server DHCP Server DNS Server Fax Server File Services Network Policy and Access Services Print Services UDDI Services UDDI Services Windows Deployment Services Windows SharePoint Services More about server roles	 Description: Windows SharePoint Services helps organizations increase productivity by creating Web sites where users can collaborate on documents, tasks, and events and easily share contacts and other information. The environment is designed for flexible deployment, administration, and application development. Install Cancel

On doit maintenant valider ce choix en cliquant sur « Next ». L'outil nous explique donc maintenant que cette installation de WSS va devoir être configurée (connexion à la base de données, ...).

Add Roles Wizard		X
Windows ShareP	oint Services	
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	 Introduction to Windows SharePoint Services The Windows SharePoint Services role helps organizations increase productivity by creating Web sites where users can collaborate on documents, tasks, and events and easily share contacts and other information. The environment is designed for flexible deployment, administration, and application development. Things to Note If you want to create a server farm for Windows SharePoint Services, you must be able to connect to a server running SQL Server 2000, SP4 or later, or SQL Server 2005. The Applications for Windows SharePoint Services site has downloadable applications that are tailored for specific tasks such as recruiting, project management, help desk issue tracking, timesheet and scheduling, event planning, and more. Additional Information Deploying Windows SharePoint Services 3.0 	
	< Previous Next > Install Cancel	

On clique sur « Next » pour aller dans l'étape de configuration.

Add Roles Wizard		X
Select Configurat	tion Type	
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	Specify whether to install Windows SharePoint services on a single server or as part of a server farm. A server farm is a set of servers that all run Windows SharePoint Services and host the same SharePoint sites. Install gnly on this server (recommended) A Windows SharePoint Services site will be set up and ready for your content. The single server installation of Windows SharePoint Services requires Windows Internal Database. Install as part of a server farm (advanced) This option requires additional configuration. You must configure a connection to a SQL Server database and complete other configuration steps in Windows SharePoint Services Central Administration before you can create and use a Windows SharePoint Services site. More about Windows SharePoint Services setup configurations Qrevious Qrevious Qrevious 	

Dans notre cas, nous choisirons le mode « Stand Alone » qui est le premier choix, si vous souhaitez effectuer une installation en ferme, je vous conseille de regarder l'article sur ce mode d'installation :

• Installation de WSS V3

Il faut aussi noter que le mode « Stand-Alone » installe un moteur SQL Server interne, comme vous pouvez le lire dans l'article sur ce mode d'installation :

• WSS V3 en Stand-Alone

On sélectionne dans l'étape suivante la langue à appliquer sur ce serveur WSS. Il est fortement conseillé de rester homogène dans les installations de serveur (sauf cas particulier comme SPS 2003 en Français). Nous choisissons de ce fait la langue anglaise.

Add Roles Wizard		×
Select the Langu	age for the Administration Site	
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	The administration site for Windows SharePoint Services (WSS) can use only one language. The administration language cannot be changed later. Note that each WSS site can be in a different language. Select the set-up and configuration language for Windows SharePoint Services:	
	< Previous Next > Install Cancel	

On doit maintenant paramétrer le serveur de mail et les adresses à utiliser.

Add Roles Wizard		×
Specify E-mail Se	ettings	
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	Specify the default e-mail server that will be used to send e-mail notifications to the administrator. You can configure these settings later through SharePoint Central Administration. Qutbound SMTP server (for example, server_name): [ocalhost Erom e-mail address (for example, admin@example.com): [fabrice69@asp-php.net Reply-to e-mail address (for example, reply@example.com): [fabrice69@asp-php.net If abrice69@asp-php.net	
	< Previous Next > Install Cancel	

L'étape suivante nous explique que le rôle IIS sera aussi installé et nous présente ce service.

Add Roles Wizard		×
Web Server (IIS)		
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings	Introduction to Web Server (IIS) The Web Server (IIS) role enables sharing of information on the Internet, an intranet, or an extranet. It is a unified Web platform that integrates IIS 7.0 ASP.NET, Windows Communication Foundation, and Windows SharePoint Services. IIS 7.0 also features enhanced security, simplified diagnostics, and delegated administration. Things to Note ① Using Windows System Resource Management (WSRM) can help ensure equitable servicing of web server traffic especially when there are multiple roles or workloads on this computer.	
Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results		
	< Previous Next > Install Cancel	

On voit maintenant les composants installés avec le rôle IIS.

Add Roles Wizard		X
Select Role Servi	ices	
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	Select the role services to install for Web Server (IIS): Role services: Web Server Common HTTP Features Static Content Default Document Directory Browsing HTTP Errors HTTP Redirection Application Development ASP.NET ASP.NET NET Extensibility ASP CGI SAPI Filters Server Side Includes Metalth and Diagnostics M HTTP Logging Logging Tools Request Monitor Tracing Custom Logging ODBC Logging More about role services	 Description: Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications. Install Cancel

On valide en cliquant sur « Next » et on a un résumé de nos choix.



L'installation se lance alors.

Add Roles Wizard	
Installation Progre	55
Before You Begin Select Server Roles Windows SharePoint Services Configuration Type Administration Language E-mail Settings Web Server (IIS) Role Services Confirm Installation Selections Installation Progress Installation Results	The following roles, role services, or features are being installed: Windows SharePoint Services Windows Internal Database Windows Process Activation Service Windows Process Activation Service Installing Windows Internal Database Vervious Vervious

A la fin de cette installation, nous avons un bilan, on voit d'ailleurs que nous avons une erreur dans cette installation de SharePoint.



Nous devons redémarrer le serveur afin de relancer l'installation de WSS. Cette erreur n'a pas impact l'installation et nous pouvons voir le site d'administration central.

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Sector Central Administration								
Home Operations App	plication Managemen	t			Site Action	15 🔻		
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Administration	Type Order	Title		Assigned To	There are currently no			
Operations Application	1	READ FIRST - Click th deployment instruction	is link for ns I NEW		favorite links to display. To add a new link, click "Add new link" below.			
Management	2	Incoming e-mail settin	Igs I NEW		Add new link			
	3	Outgoing e-mail settir	add new link					
	4	Create SharePoint Sit	es I NEW					
	4	Configure Workflow S	ettings ! NEW					
	5	Central Administration account should be un	n application pool ique. I NEW					
	15	Diagnostic logging set	ttings ! NEW					
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Add new task								
Farm Topology								
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Vous pouvez donc maintenant créer votre application Web.

Création d'une application WEB

Dans un premier temps, vous devez créer un compte local (par exemple WSSAdmin) qui devra appartenir aux groupes locaux :

- Administrators
- WSS_ADMIN_WPG

Vous allez ensuite sur le site de l'administration centrale avec ce compte.

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Operations Application		1	READ FIRST - Click th deployment instructio	iis link for Ins I NEW		favorite links to display. To add a new link, dick "Add new link" below.		
Management		2	Incoming e-mail settin	Igs I NEW		Add new link	_	
TT De suele Dis		3 Outgoing e-mail settings NEW				Add new link		
Recycle Bin 4 Create SharePoint Sites NEW								
		4	Configure Workflow S	Settings ! NEW				
		5	Central Administration account should be un	n application pool ique. I NEW				
		15	Diagnostic logging set	ttings ! NEW				
		18	Add anti-virus protec	tion I NEW				
Add new task Farm Topology								
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On peut maintenant aller dans l'onglet « Application Management » et cliquer sur « Create or Extend a Web Application ».

🖉 Application Management - Windows Internet Explorer						
C C → I http://lh-8y3jdwvryrzt:24099/_admin/applications.aspx						
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Home Operations	Application Management	Site Actions 🗸				
	Central Administration > Application Management Application Management					
View All Site Content Central Administration	This page contains links to pages that help you configure settings farm.	for applications and components that are installed on the server or server				
Operations	SharePoint Web Application Management	SharePoint Site Management				
Application Management	Create or extend Web application Remove SharePoint from IIS Web site	Create site collection Delete site collection Site use see function				
	Delete web application Define managed paths	Site use confirmation and deletion				
	 Web application outgoing e-mail settings 	Site collection quotas and locks				
	Web application general settings	Site collection administrators				
	Content databases	Site collection list				
	Manage Web application features					
	Web application list	External Service Connections				
	Application Security	Records center				
		HTML viewer				
	Security for Web Part pages	Document conversions				
	Self-service site management					
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On choisit de créer une nouvelle application Web en cliquant sur « Create a new Web application ».



Toute la suite de la configuration est expliquée dans l'article suivant :

• Installation de WSS V3 - Création du site WEB WSS V3

Conclusion

Vous avez donc maintenant votre installation WSS V3 sur la future plateforme Windows Server 2008, il reste à voir comment effectuer cette installation dans une ferme existante.

Pour ceux qui ne connaissent pas encore les architectures SharePoint, je vous invite à lire l'article de <u>Renaud Comte</u> sur ce sujet :

• Architecture Logique de SharePoint 2007

Liens connexes

- Installing MOSS 2007 and/or WSS v3 on Windows Longhorn Server (part One)
- Installing MOSS 2007 and/or WSS v3 on Windows Longhorn Server (part Two)

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