Installation de WSS V3 sur Windows Server 2008 RC1



Dans le précédent article, nous avons fait l'installation de tous les moteurs SQL Server 2008 :

• Installation de SQL Server 2008 (CTP Novembre) sur Windows Server 2008

Il faut maintenant effectuer l'installation de Windows SharePoint Services V3 utilisant ce moteur SQL 2008.

Téléchargement de WSS V3

Dans la version Release Candidate 1, l'installation ne se fait pas comme pour la version Beta 3 de Windows 2008, pour leguel un article avait été publié récemment :

• Installer Windows SharePoint Services V3 sur Windows Server 2008 Beta 3

Nous devons donc télécharger Windows SharePoint Services V3 incluant le Service Pack 1 :

• <u>Windows SharePoint Services 3.0 with Service Pack 1</u>

Attention :

Le fichier d'installation de WSS V3 sans le SP1 ne peut pas s'installer sur Windows Server 2008, voir le message de Brian :

• Installing SharePoint on Windows Server 2008

Prérequis pour l'installation

Il nous faut comme toujours pour WSS V3 :

- SQL Server (2000, 2005 ou 2008)
- IIS
- FrameWork .NET 2.0
- FrameWork .NET 3.0

Pour installer ces modules, il faut passer par la gestion des rôles de Windows Server 2008, le rôle correspondant à ce besoin :

Web Server IIS

On ajoute ensuite la « Feature » :

• .NET FrameWork 3.0 Features

Add Features Wizard		X
Select Features		
Features Confirmation Progress Results	Select one or more features to install on this server. Features: Image: NET Framework 3.0 Features Image: NET Framework 3.0 Image: Net Formework 3.0 Image: Net Formework 3.0 Image: Net Formework 2.0 Image: Net Formework 2.0	Description: Microsoft_NET Framework 3.0 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.

Installation de Windows SharePoint Services V3

Une fois que le fichier est téléchargé et que les pré-requis sont en place, on exécute le fichier d'installation.

Microsoft Windows SharePoint Services				
Extracting files, please wait				
Cancel				

On accepte ensuite les termes du contrat

👸 Microsof	ft Windows SharePoint Services 3.0	×
	Read the Microsoft Software License Terms	
	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 SUPPLEMENTAL LICENSE TERMS MICROSOFT WINDOWS SHAREPOINT SERVICES (WSS) VERSION 3 FOR MICROSOFT WINDOWS SERVER 2003 Microsoft Corporation (or based on where you live, one of its affiliates) licenses this supplement to you. If you are licensed to use Microsoft Windows Server 2003, Standard Edition, Enterprise Edition, Datacenter Edition or Web Edition (each edition, the "software"), you may use this supplement. You may not use it if you do not have a license for the software. You may use a copy of this supplement with each validly licensed copy of the software. These terms and the license terms for the software apply to your use of the supplement. If there is a conflict, these supplemental license terms apply. By using this supplement, you accept these terms. If you do not accept them, do not use this supplement. If you comply with these license terms and the license terms for the software, you have the rights to use the supplement 1. RIGHT TO USE. Use of the supplement on Microsoft Windows Server 2003 Web Edition is limited to front-end web serving tasks. The data storage portion of the supplement may not be installed or used on Microsoft Windows Server 2003 Web Edition. 2. SUPPORT SERVICES FOR SUPPLEMENT. Microsoft provides support services for this software as described at www.support.microsoft.com/common/international.aspx. EULAID:012 RTM SRV.0 WSS EN	
0	✓ I accept the terms of this agreement	

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A ce stade, nous choisissons le mode « Advanced », car notre serveur SQL est déjà installé et nous ne voulons pas la version Embedded Edition de SQL Server 2005.

Microso	ft Windows SharePoint Services 3.0	×
	Choose the installation you want	
	Please choose your preferred type of Microsoft Windows SharePoint Services 3.0 installation below:	
	Basic Install single server standalone using default settings.	
	Advanced Choose settings for single server or SharePoint farm.	
		4

Nous sélectionnons le Type « Web Front End » pour ne pas ajouter le moteur SQL interne



Nous définissons un répertoire de stockage des Data (C:\WSS_DATA\Data)



Et nous lançons l'installation en cliquant sur « Install Now », le moteur WSS V3 va alors s'installer sur le serveur.

🚺 Microsoft	Windows SharePoint Services 3.0	×
	Installation Progress	
	Installing Microsoft Windows SharePoint Services 3.0	
		N

L'installation se termine enfin et nous invite à lancer l'assistant pour configurer notre ferme SharePoint.



Configuration de la ferme SharePoint WSS V3

L'assistant se lance alors, nous cliquons sur « Next » pour procéder à cette installation

rePoint Products and Technologies Configuration Wizard	
Welcome to SharePoint Products and Technologies	
In order to configure SharePoint Products and Technologies, you will require the following information:	
Name of database server and database where server farm configuration data will be stored	
Username and password for the database access account that will administer the server fam	
Click Next to continue or Cancel to exit the wizard. To run the wizard again, click on the Start Menu sho	tcut
Next > Can	cel

Une fenêtre nous signale que différents services devront être redémarrés, nous confirmons par « Yes »



Nous choisissons de créer une nouvelle ferme SharePoint

	_
Connect to a server farm	
A server farm is a collection of two or more computers that share configuration data. Do you want to connect to an existing server farm?	
C Yes, I want to connect to an existing server farm	
No, I want to create a new server farm	

Nous devons maintenant fournir les renseignements :

- Nom et instance du serveur SQL Server
- Nom de la base de données
- Login et Password du compte de service pour SharePoint (dans notre exemple, nous prendrons le même compte que SQL Server, il est tout de même conseillé de les différencier)

Specify Configuration D	atabase Settings
All servers in a server farm must share a name. If the database does not exist, it empty. For additional information rega please see <u>help</u> .	configuration database. Typethe databaseserver and database will be created. To reuse an existing database, the database must be arding databaseserver security configuration and network access
Database <u>s</u> erver:	WIN-AH2004W3UXX
D <u>a</u> tabase name:	SharePoint_Config
Specify Database Access Acce	ount
Select an existing Windows account tha	t this machine will always use to connect to the configuration
database. If your configuration databa	se is hosted on another server, you must specify a domain account.
Type the username in the form DOMAIN	\User_Name and password for the account.
Specify Database Access Access	ount
Select an existing Windows account tha	t this machine will always use to connect to the configuration
database. If your configuration databa	se is hosted on another server, you must specify a domain account.
Type the username in the form DOMAIN	\User_Name and password for the account.
Username:	WIN-AH2004W3UXX\-service-sqlserver
Specify Database Access Acce	ount
Select an existing Windows account tha	t this machine will always use to connect to the configuration
database. If your configuration databa	se is hosted on another server, you must specify a domain account.
Type the username in the form DOMAIN	\User_Name and password for the account.
Username:	WIN-AH2004W3UXX\-service-sqlserver
Password:	
Specify Database Access Acce	ount
Select an existing Windows account tha	t this machine will always use to connect to the configuration
database. If your configuration databa	se is hosted on another server, you must specify a domain account.
Type the username in the form DOMAIN	\User_Name and password for the account.
Username:	WIN-AH2004W3UXX\-service-sqlserver
Password:	

Nous devons spécifier le port pour le site d'administration (il est aussi possible de laisser celui choisi par l'installer aléatoirement) et le mode d'authentification

Configure	SharePoint Central Administra	tion Web Application
A SharePoint Ce farm. The first s web application you do not spe	entral Administration Web Application allows you to erver added to a server farm must host this web app n hosted on this machine, check the box below and t cify a port number, a random one will be chosen.	manage configuration settings for a serve vlication. To specify a port number for th ype a number between 1 and 65535. If
<mark>▼ S</mark> pe	cify port number: 2007	
Configure S	ecurity Settings	
Kerberos is the requires specia	recommended security configuration to use with Int I configuration by the domain administrator. NTLM a	egrated Windows authentication. Kerber outhentication will work with any
application poo	ol account and the default domain configuration. Sho	w memore information.
application poo Choose an auth	ol account and the default domain configuration. <u>Sho</u> entication provider for this Web Application.	w memore information.
application poo Choose an auth	ol account and the default domain configuration. <u>Sho</u> entication provider for this Web Application. M	w memore information.
application poo Choose an auth NIL NEg Neg	ol account and the default domain configuration. <u>Sho</u> Ientication provider for this Web Application. M otiate (<u>K</u> erberos)	w memore information.
application poo Choose an auth N <u>T</u> L Ng Neg	ol account and the default domain configuration. <u>Sho</u> entication provider for this Web Application. M otiate (<u>K</u> erberos)	w memore information.
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application poo Choose an auth	ol account and the default domain configuration. <u>Sho</u> lentication provider for this Web Application. M otiate (<u>K</u> erberos)	<u>w memore information.</u>

Un résumé apparaît alors avec les paramètres de configuration fournis

Contiguestion Mizzed	is and rechnologies
he following configuration settings will be applied:	
Configuration Database Server	WIN-AH2004W3UXX
Configuration Database Name	SharePoint_Config
Host the Central Administration Web Application	yes
Central Administration URL	http://win-ah2004w3uxx:2
Authentication provider	NTLM
lick Next to apply configuration settings.	
Advanced Settings	
Edvanced Securitys	

Les différentes étapes de configuration se font alors



On obtient enfin le résumé de cette installation

Configuration Successful	
The following configuration settings were successfully applied:	
Configuration Database Server	WIN-AH2004W3UXX
Configuration Database Name	SharePoint_Config
Host the Central Administration Web Application	yes
Central Administration URL	http://win-ah2004w3uxx:2007
Authentication provider	NTLM
Click Finishto close this wizard and launch the SharePoint Central Ad Explorer users may be prompted for a username in the form DOMAIN the site. At that prompt, enter the credentials that you used to logor of trusted sites when prompted.	ministration homepage. Internet V\User_Name and password to access n to this computer. Add this site to the lis
Click Finishto closethis wizard and launch the SharePoint Central Ad Explorer users may be prompted for a username in the form DOMAIN the site. Atthat prompt, enter the credentials that you used to logor of trusted sites when prompted.	ministration homepage. Internet v\User_Name and password to access n to this computer. Add this site to the lis
Click Finishto closethis wizard and launch the SharePoint Central Ad Explorer users may be prompted for a username in the form DOMAIN the site. Atthat prompt, enter the credentials that you used to logor of trusted sites when prompted.	ministration homepage. Internet v\User_Name and password to access n to this computer. Add this site to the lis

Le site d'administration se lance enfin

🖉 Home - Central Admini	stration - Win	ndows Internet	Explorer			_ 🗆 🗙
🕞 🕞 🗸 🙋 http://win	-ah2004w3uxx:	:2007/default.as	рх	• + ×	Live Search	P -
🔆 🍄 🏉 Home - Centr	al Administratio	n			🟠 • 🗟 + 🖶 • 🔂	• @• *
Central Administration				Welcom	ne WIN-AH2004W3UXX\administrator 🔻	0
🔆 📯 Central Adm	inistratio	n				
Home Operations Ap	pplication Manag	gement			Site Action	is ▼
View All Site Content	Administ	trator Tasks			Resources *	
Administration	Type Or	rder Title		Assigned To	There are currently no	
Operations Application		1 READ FIR deployme	ST - Click this link for nt instructions I NEW		favorite links to display. To add a new link, click "Add new link" below.	
Management		2 Incoming	e-mail settings 🌡 NEW		Add new link	
0 Recycle Bin		3 Outgoing	e-mail settings ! NEW			
		4 Create Sł	narePoint Sites ! NEW			
		4 Configure	Workflow Settings I NEW			
		15 Diagnosti	c logging settings 🕻 NEW			
		18 Add anti-	virus protection I NEW			
	Add ne	w task				
	Farm To	pology		•		
	Server	9	ervices Running			
	WIN-		entral Administration			<u> </u>
				६ Local intranet	Protected Mode: Off)% • //.

Création d'un site d'équipe WSS V3

La création d'un site d'équipes reste standard à SharePoint. Cela se fait par la rubrique « Application Management » par le lien « Create or extend Web application »

C Application Management - Windows Internet Explorer					
🔆 💽 🗸 🖉 http://wi	in-ah2004w3uxx:2007/_admin/applications.aspx	💽 🐓 🗙 Live Search 🖉 🗸			
🔆 🍄 🌈 Application 1	Management	🐴 • 🔊 - 🖶 • 🗗 • 🥥 • 🎽			
Central Administration		Welcome WIN-AH2004W3UXX \administrator 🔻 🔞 🔺			
🔆 Central Administration					
Home Operations A	pplication Management	Site Actions 🔻			
	Central Administration > Application Management	t			
View All Site Content Central Administration	tent This page contains links to pages that help you configure settings for applications and components that are installed on the server or server farm.				
Operations	SharePoint Web Application Management	SharePoint Site Management			
 Application Management 	 <u>Create or extend Web application</u> Remove SharePoint from IIS Web site 	Create site collection Delete site collection			
🔯 Recycle Bin	Delete Web application	Site use confirmation and deletion			
	Define managed paths	Quota templates			
	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			
http://win-ah2004w3uxx:2007/_admin/extendvsoptior					

Nous sélectionnons alors « Create a new Web application »

🖉 Create or Extend Web Application - Windows Internet Explorer				
	-ah2004w3uxx:2007/_admin/extendvsoptio	n.aspx 💽 🐓 🗙 Live Search	P -	
🔆 🏟 🌈 Create or Exte	end Web Application	🚹 • 🔊 - 🖶 • 🗗	⊚ -	
Central Administration		Welcome WIN-AH2004W3UXX\administrator 🔻	Image: A state of the state	
🔆 Central Administration				
Home Operations App	plication Management	Site Actions	▼	
	Central Administration > Applicatio Create or Extend W	n Management > Create or Extend Web Application Veb Application		
View All Site Content	Use this page to create a new Windows SharePoint Services application or to extend an existing application to another			
Central Administration	IIS Web Site. Learn about creating or extending Web applications.			
Operations	Adding a SharePoint Web Application	Create a new Web application		
 Application Management 	Creating a new Web application is the most common option. When creating a new SharePoint Web	Extend an existing Web application		
Recycle Bin	application, you create a new database to store data, and define the authentication method used to connect the SharePoint application to that database.			
	Choose Extend an existing web application if you need to have separate IIS Web Sites that expose the same content to users. This is		▼	
http://win-ah2004w3uxx:2007	/_admin/extendvs.aspx	🛛 🐘 📢 Local intranet Protected Mode: Off 🔍 100%	• • //.	

Mon site sera sur le port 80, mais avec un header particulier et un répertoire spécifique

🖉 Create New Web Application - Windows Internet Explorer				
🚱 🕞 👻 🖉 http://win-ah2004w3uxx:2007/_admin/extendvs.aspx				
🔆 🏟 🌈 Create New W	/eb Application	🟠 • 🗟 - 🖶 •	₽• ⊙ • [»]	
Recycle Bin	IIS Web Site Choose between using an existing IIS web site or create a new one to serve the Windows SharePoint Services application. If you select an existing IIS web site, that web site must exist on all servers in the farm and have the same description, 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.	C Use an existing IIS web site Default Web Site Create a new IIS web site Description SharePoint - w2008.sgs.net80 Port 80 Host Header w2008.sgs.net Path C:\WEB_APP\WSS_80\DATA		
	Security Configuration Kerberos is the recommended security configuration to use with Integrated Windows authentication. Kerberos requires the application pool account to be Network Service or special configuration by the domain administrator. NTLM authentication will work with any application pool account and the default domain configuration. If you choose to use Secure Sockets Layer (SSL), you must add the certificate on each server using the IIS administration tools. Until this is done, the web application will be inaccessible from this IIS Web Site.	Authentication provider: O Negotiate (Kerberos) O NTLM Allow Anonymous: O Yes O No Use Secure Sockets Layer (SSL): O Yes		
Done				

Le site se crée alors et il faut maintenant créer la collection de sites en racine



On fournit les paramètres de notre site

🖉 Create Site Collection - Windows Internet Explorer					
🚱 🕞 🖌 🖉 http://win-ah2004w3uxx:2007/_admin/CreateSite.aspx?WebApplicationId=bdcf82 🔽 🐓 🗙 Live Search					
🔆 🏟 🏉 Create	Site Collection	🐴 • 🔊 - 🖶 • 🗗 · 🥥 • 🎽			
w All Site Content ntral ministration	Use this page to create a new top-level Web site.				
perations pplication lanagement	Web Application Select a Web application.	Web Application: http://w2008.sgs.net/ •			
Recycle Bin	Title and Description Type a title and description for your new site. The title will be displayed on each page in the site.	Title: WSS V3 - Windows 2008 - SQL 2008 Description: WSS V3 avec Windows 2008 et SQL 2008			
	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://w2008.sgs.net			
ـــــ	Template Selection	Select a template: Collaboration Meetings Team Site Blank Site Document Workspace Wiki Site			
💦 🚱 Local intranet Protected Mode: Off 🔍 100% 👻					

La collection de sites est alors créée



Nous pouvons donc accéder à notre site WSS V3



Notre WSS V3 est maintenant fonctionnel sur notre serveur Windows 2008 avec SQL Server 2008.

Conclusion

L'installation est maintenant terminée. Nous verrons dans un prochain article comment mettre en place Microsoft SQL Server Reporting Services 2008 en mode intégré à SharePoint.

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