Installation de MOSS 2007

Microsoft a enfin fourni Microsoft Office SharePoint Server 2007 (MOSS 2007), pour accompagner toute la nouvelle suite Office 2007. Cette nouvelle version intègre de très nombreuses nouveautés. Nous verrons donc dans cette documentation comment effectuer cette installation et paramétrer son site MOSS.

Pré requis

- Windows 2003 Server
 - o IIS 6 installé
 - Asp.net paramétré sur le FrameWork .NET 2.0
- SQL Server 2005 avec SP2 (instance par défaut)
 - o SQL Server Integration Services
 - SQL Server Analysis Services
 - SQL Server Reporting Services
- FrameWork .NET 3.0

Installation de la base de MOSS

Entrée du code de licence

👸 Microso	ft Office SharePoint Server 2007	×
	Enter your Product Key	
	Type your 25-character Product Key. The key is located on a card in your product carton or on your license agreement.	
0	Continue	

Accepter la licence



Choix du mode d'installation

👸 Microsof	ft Office SharePoint Server 2007	×
-	Choose the installation you want	
	Please choose your preferred type of Microsoft Office SharePoint Server 2007 installation below:	
	Basic Install single server standalone using default settings.	
	Advanced Choose settings for single server or server farm.	
0		

Nous devons sélectionner « Advanced » pour effectuer la mise en place de sa propre ferme. Le mode « Basic » correspond au mode « Stand Alone » qui installera sa propre instance SQL Server Express Edition. Ce mode Basic ne permet plus d'ajouter de nouvelle machine dans la ferme.

Ce mode est à préférer pour des installations de test, de maquettage ou pour créer une machine de développement.

En sélectionnant le mode « advanced », nous arrivons sur un choix plus fin de paramétrage



Nous voyons donc apparaître trois modes différents :

- Mode complet : il installe tous les composants disponibles dans MOSS
- Mode « Web Front End » : il installe les composants pour ajouter un nouveau serveur frontal WEB dans une ferme MOSS
- Mode Stand-Alone : Comme déjà expliqué, il installe la machine autonome avec tous les composants dont une instance SQL Server 2005 Express Edition

NB : Il faut noter que MOSS n'installe pas le même moteur que pour WSS V3 (qui installe SQL Server 2005 Embedded Edition), vous trouverez un article sur cette installation :

• WSS V3 en stand-Alone

Le second onglet vous demande de spécifier les répertoires de stockage des fichiers d'installation et des fichiers d'index et les autres fichiers de données de MOSS.

👸 M	licrosoft Of	fice SharePoint Server 2007	×
	Server Type	Eile Location Feedback	
	e .	Choose a file location	
		Microsoft Office SharePoint Server 2007 will be installed on your computer. To install this product in a different location, click Browse, and then select the location.	
		C:\Program Files\Microsoft Office Servers Browse	
		If you intend to use this computer as a search server, the search index files will be stored on the local hard drive. These files can be very large, so ensure that there is sufficient free space on the selected drive. To change where Microsoft Office SharePoint Server 2007 will store its search index files, click Browse, and then select the location.	
		C:\Program Files\Microsoft Office Servers\12.0\Data	
	0		
		<u>I</u> nstall Now	

Attention :

Les fichiers d'index sont très importants pour le bon fonctionnement du moteur de recherche documentaire de MOSS. Il faut avoir une estimation la plus fine possible de la volumétrie de la ferme MOSS. Une fois cette volumétrie définie, la volumétrie des fichiers d'index représentent entre 10 et 20 % de cette estimation. Ainsi, si la ferme prévoit 100 Go de documents SharePoint, l'index pèsera entre 10 et 20 Go sur le serveur.

De ce fait, les grandes fermes documentaires (dépassant le To) nécessiteront un serveur dédié d'indexation et un accès sur un SAN pour le stockage de ces fichiers d'index.

Le dernier onglet concerne la remontée des informations vers Microsoft.

👸 M	licrosoft Of	fice SharePoint Server 2007	X
	Server Type	e <u>Fi</u> le Location Feedback	
	8	Customer Experience Improvement Program	
		The Customer Experience Improvement Program is designed to improve the quality, reliability and performance of Microsoft Products and Technologies. Think of it as your chance to help design the next version of the product and to really help us improve our service.	
		With your permission, anonymous information will be sent to us for the sole purpose of improving Microsoft Office SharePoint Server 2007.	
		 Yes, I want to participate anonymously in the program. (Recommended) No, thank you. I'll choose later 	
		Learn more about the Customer Experience Improvement Program	
	0		
		Install Now	

L'installation de MOSS se fait alors



L'installation se termine alors par l'écran de conclusion

🛱 Microsoft Office SharePoint Server 2007	×
✓ Run the SharePoint Products and Technologies Configuration Wizard now. To complete configuration of your server, you must run the Microsoft Office SharePoint Server 2007 Configuration Wizard	

La machine doit maintenant être redémarrée afin de valider cette nouvelle installation et paramétrer notre site MOSS.

Création du compte de service « MOSSAdmin »

Il faut déjà commencer par créer un compte de service (compte local dans le cas d'une seule machine, compte du domaine si on est dans une ferme), ce compte doit avoir les droits d'administrateur local de chaque serveur de la ferme.

New User		<u>?</u> ×
<u>U</u> ser name:	MOSSAdmin	
<u>F</u> ull name:	MOSSAdmin	
Description:	MOSSAdmin	
<u>P</u> assword:	••••	
<u>C</u> onfirm password	± ••••	
User <u>m</u> ust ch	ange password at next logon	
🔽 U <u>s</u> er cannot	change password	
✓ Password ne ⁻	ver expires	
📃 Account is di	sa <u>b</u> led	
	Create Clos	se

Administrators Properties	? ×
General	
Administrators	
Description: mplete and unrestricted access to the computer/d	Jomain
<u>M</u> embers:	
Administrator MDSSAdmin	
Add	
OK Cancel	2pply

Installation du site d'administration SharePoint V3

Une fois ceci effectué, nous devons lancer le programme de configuration :

 Programmes > Microsoft Office Server > SharePoint Products and Technologies Configuration Wizard

harePoint 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 farm	
Click Next to continue or Cancel to exit the wizard. To run the wizard again, click on the Start Menu shortco	ut.
Next >	:el

Une fenêtre vous prévient que les composants IIS doivent être redémarrés durant cette installation.

SharePoi	nt Products and Technologies 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.
	<u>Y</u> es <u>N</u> o

Nous devons maintenant choisir si nous voulons créer une nouvelle ferme ou rejoindre une ferme existante.

narePoint Products and Technologies Configuration Wizard	
Connect to a server farm	
A server farm is a collection of two or more computers that share configuration data. I connect to an existing server farm?	Do you want to
 Yes, I want to connect to an existing server farm No, I want to create a new server farm 	
	ext > Cancel

Dans notre cas, nous créons une ferme locale.

Nous devons alors renseigner les paramètres pour la création de la base de configuration de SharePoint et le compte de service précédemment créé. Il ne faut jamais utiliser le « . » pour le nom du serveur SQL même si celui-ci est en local.

I servers in a server farm must share	a configuration database. Type the database server and database
ame. If the database does not exist, i mpty. For additional information rega lease see <u>help</u> .	t will be created. To reuse an existing database, the database must b rding database server security configuration and network access
Database <u>s</u> erver:	MOSSDEVSRV
D <u>a</u> tabase name:	SharePoint_Config
Specify Database Access Acc elect an existing Windows account tha atabase. If your configuration databa yoe the username in the form DOMAIN	count at this machine will always use to connect to the configuration ase is hosted on another server, you must specify a domain account.
Specify Database Access Acc	count
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latabase. If your configuration databa	ase is hosted on another server, you must specify a domain account.
ype the username in the form DOMAIN	V\User_Name and password for the account.
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Username:	MOSSDEVSRV\MOSSAdmin
Specify Database Access Acc	count
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latabase. If your configuration databa	ase is hosted on another server, you must specify a domain account.
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Username:	MOSSDEVSRV\MOSSAdmin
Password:	••••
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Username:	MOSSDEVSRV\MOSSAdmin
Password:	••••

Nous devons maintenant renseigner le port pour le site d'administration de SharePoint V3 et le mode d'authentification choisi.

harePoint Products and Technologies Configuration Wizard	
Configure SharePoint Central Administration Web Application	
A SharePoint Central Administration Web Application allows you to manage configuration settings for a serv farm. The first server added to a server farm must host this web application. To specify a port number for t web application hosted on this machine, check the box below and type a number between 1 and 65535. If you do not specify a port number, a random one will be chosen.	/er :he
Specify port number: 15050	
Configure Security Settings	
Kerberos is the recommended security configuration to use with Integrated Windows authentication. Kerber requires special configuration by the domain administrator. NTLM authentication will work with any application pool account and the default domain configuration. <u>Show me more information</u> .	ros
Choose an authentication provider for this Web Application.	
• NTLM	
O Negotiate (Kerberos)	
< <u>Back</u> <u>Next</u> > <u>Cance</u>	el

Nous avons alors un résumé des paramètres choisis.

he following configuration settings will be applied:	
Configuration Database Server	MOSSDEVSRV
Configuration Database Name	SharePoint_Config
Host the Central Administration Web Application	yes
Central Administration URL	http://mossdevsrv:15050/
Authentication provider	NTLM
lick Next to apply configuration settings.	

L'installation du site d'administration SharePoint V3 se fait alors.



L'installation se termine avec succès

Contiguration Successful	
The following configuration settings were successfully applied:	
Configuration Database Server	MOSSDEVSRV
Configuration Database Name	SharePoint_Config
Host the Central Administration Web Application	yes
Central Administration URL	http://mossdevsrv:15050/
 Authentication provider Click Finish to close this wizard and launch the SharePoint Centra Explorer users may be prompted for a username in the form DOI the site. At that prompt, enter the credentials that you used to be tructed sites when promoted 	NTLM al Administration homepage. Internet MAIN\User_Name and password to access logon to this computer. Add this site to the lis

En cas d'erreur durant l'installation, vous aurez alors un écran tel que le suivant vous invitant à regarder le fichier de Log d'installation pour corriger l'erreur et relancer celle-ci.

arePoint Products and Technologies Configuration Wizard	-
Configuration Failed	
One or more configuration settings failed. Completed configuration settings will not be rolled back. Resolve the problem and run this configuration wizard again. The following contains detailed information about the failure:	
Failed to create the configuration database.	
An exception of type System.ArgumentException was thrown. Additional exception information: (local) is ar invalid or loopback address. Specify a valid server address.	n
To diagnose the problem, review the application event log and the configuration log file located at: <u>C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\12</u> <u>LOGS\PSCDiagnostics 1 30 2007 1 2 0 849 177587727.log</u>	
Click Finish to close this wizard.	
Finish	

Nous verrons dans le prochain article comment configurer un Site MOSS.

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