

Préparer la migration vers SharePoint 2010

Benoit HAMET
Senior Support Engineer
Microsoft Corporation



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Agenda

- Pré requis à l'installation de SharePoint 2010
- Chemins de migration
- Préparer la migration
- Migrer vers SharePoint 2010



Pré requis

- Environnement 64 bits
 - Windows Server 2008 SP2 ou Windows Server 2008 R2 64 bits
 - SQL Server 2005 SP3 ou SQL 2008 SP1 64 bits
- Navigateurs
 - IE 7/8
 - **IE 6 ou antérieur non supporté**
 - FireFox 3.x sous Windows
 - FireFox 3.x ou Safari 3.x sur les autres plateformes

Pré requis SharePoint Foundation 2010 (WSS)

- Recommandations matérielles
 - Dual processor 3 Ghz (64 bits)
 - RAM 4 Gb (standalone) / 8 Gb (ferme)
 - Espace disque 80 Gb
- Recommandations logicielles
 - Web Server role (IIS)
 - Application Server role
 - Framework .Net 3.5 SP1
 - Framework Microsoft 'Geneva'
 - Microsoft Filter Pack 2.0
 - Microsoft PowerShell 2.0
 - SQL Client
 - Native Client
 - Analysis Services ADOMD.Net
 - ADO.Net Data Services 1.5

Pré requis SharePoint Server 2010 (MOSS)

- Recommandations matérielles
 - Dual processor 3 Ghz (64 bits)
 - RAM 4 Gb (standalone) / 8 Gb (ferme)
 - Espace disque 80 Gb
- Recommandations logicielles
 - Web Server role (IIS)
 - Application Server role
 - Framework .Net 3.5 SP1
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 - SQL Client
 - Native Client
 - Analysis Services ADOMD.Net
 - ADO.Net Data Services 1.5
 - SQL Server 2008 R2 Reporting Services Add-in for SharePoint (Access Services for SharePoint)

Chemins de migration

- WSS

- WSS 2.0 >> WSS 3.0 >> WSS 3.0 SP2 >> WSS 4.0

- SharePoint

- SPS 2003 >> MOSS 2007 >> MOSS 2007 SP2 >> SPS 2010

Préparation de la migration 1/3

- Base de données de moins de 100 Gb
- Collection de site de moins de 15 Gb

ATTENTION

- Limitation ACL
 - 64 K (~+1800 comptes ou groupes dans une collection de site)
- Sites bloqués
- Listes de plus 5000 éléments
- Collection de site approchant du quota

Préparation de la migration 2/3

- Cleanup (site orphelins, listes...)
- Suppression de données non utilisées (sites)
- Suppression des locks
- Désinstallation des features non utilisées

Préparation de la migration 3/3

- `stsadm -o preupgradecheck` (WSS 3/MOSS SP2)
 - Contrairement à `prescan.exe` aucun changement dans les bases
 - Vérification des prérequis
 - Base en lecture/écriture
 - Base sous Windows Internal Database inférieure à 4Gb
 - Vérification des AAM
 - Vérification de la configuration (`web.config` manquant, compte de service non valide...)
- `test-spcontentdatabase cmdlet`
 - Détermine si des personnalisations sont manquantes

```
C:\Documents and Settings\Administrator>stsadm -o preupgradecheck
```

```
Processing configuration file: OssPreUpgradeCheck.xml
```

```
SearchContentSourcesInfo... Information Only
```

```
SearchInfo... Information Only
```

```
Processing configuration file: WssPreUpgradeCheck.xml
```

```
ServerInfo... Information Only
```

```
FarmInfo... Information Only
```

```
UpgradeTypes... Information Only
```

```
SiteDefinitionInfo... Information Only
```

```
LanguagePackInfo... Information Only
```

```
FeatureInfo... Information Only
```

```
AmUrls... Information Only
```

```
LargeList... Information Only
```

```
CustomListViewInfo... Passed
```

```
CustomFieldTypeInfo... Information Only
```

```
CustomWorkflowActionsFileInfo... Passed
```

```
ModifiedWebConfigWorkflowAuthorizedTypesInfo... Information Only
```

```
ModifiedWorkflowActionsFileInfo... Passed
```

```
DisabledWorkflowsInfo... Passed
```

```
OSPrerequisite... Failed
```

```
WindowsInternalDatabaseMigration... Passed
```

```
WindowsInternalDatabaseSite... Passed
```

```
MissingWebConfig... Passed
```

```
ReadOnlyDatabase... Passed
```

```
InvalidDatabaseSchema... Passed
```

```
ContentOrphan... Passed
```

```
SiteOrphan... Passed
```

```
PendingUpgrade... Passed
```

```
InvalidServiceAccount... Passed
```

```
InvalidHostName... Passed
```

```
SPSearchInfo... Information Only
```

```
Operation completed successfully.
```

```
Please review the results at  
Server Extensions\12\Logs\Pre
```

```
Administrator: Command Prompt - stsadm -o addcontentdb -databasename WSS_Content_Test -url ht...  
Microsoft Windows [Version 6.1.7600]  
Copyright (c) 2009 Microsoft Corporation. All rights reserved.  
C:\Users\Administrator>stsadm -o addcontentdb -databasename WSS_Content_Test -ur  
1 http://test.benoithamet.local  
5.08%
```

- Un exemple complet de rapport

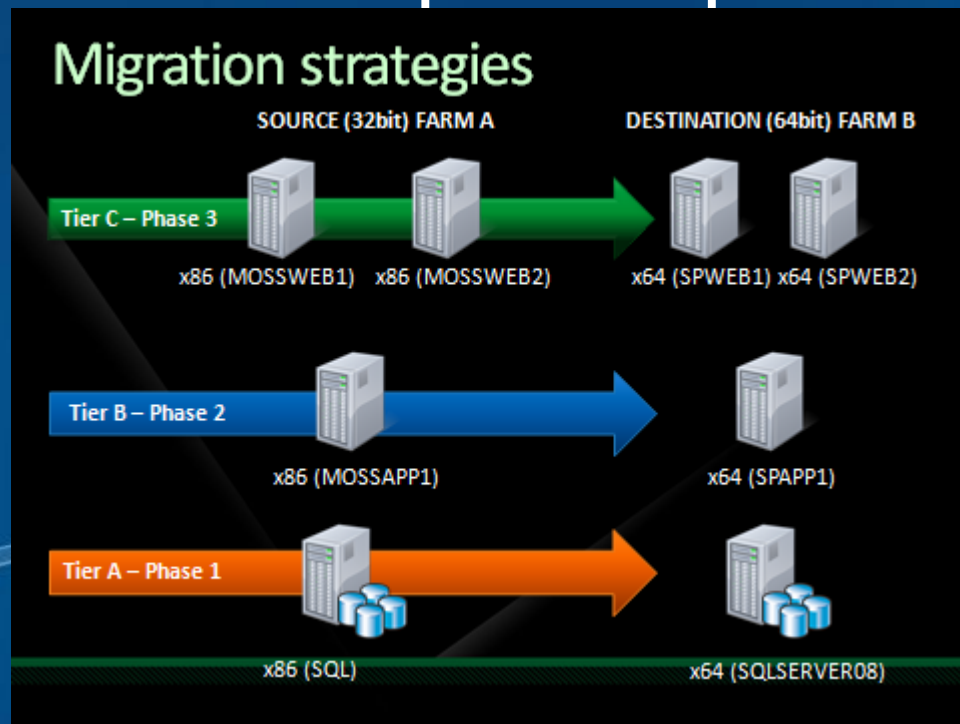
<http://blog.hametbenoit.info/Lists/Posts/Post.aspx?ID=3>

Environnements développeur

- Visual Studio 2010
- Environnement 64 bits obligatoire
- Plateforme SharePoint
 - Machines virtuelles (locale ou distantes)
 - Poste local (Windows Vista/7 - Windows Server 2008 / R2)

Migration vers SharePoint 2010

- Méthode 'Database migration'
- Méthode 'Inplace upgrade'
- ~~Méthode 'Gradual upgrade'~~ cette méthode de migration n'est plus disponible



Informations additionnelles

- Enterprise Search Planning
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=5655eaca-22df-4089-bcd3-38a1f5318140>
- Design Search
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=5a3ca177-fb9a-4901-9797-0c384277db7c>
- SharePoint 2010 Search Architecture
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=22ffc029-2c08-457d-8311-ca457c6d160e>

Informations additionnelles

- Getting Started with BI
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=fc97d587-ffa4-4b43-b77d-958f3f8a87b9>
- SharePoint 2010 Evaluation Guide
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=110318ec-0238-4811-8fc7-ec4399d3c100>
- SharePoint Enterprise Search
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=d7c0091e-5766-496d-a5fe-94bea52c4b15>

Informations additionnelles

- Topologies for SharePoint 2010
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=fd686cbb-8401-4f25-b65e-3ce7aa7dbeab>
- Hosting Environments for SharePoint 2010
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=326845d1-95db-4e55-b65a-218509debe24>
- Services in SharePoint 2010
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=b9ca7745-ffa4-43ca-a638-e1ad868187ce>
- Cross Farm Services for SharePoint 2010
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=5141c91c-0922-44fc-aaf4-64c5156209ef>

Informations additionnelles

- Upgrade Planning Poster
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=eef6f604-9faa-4ea8-b000-569c656b7420>
- Upgrading Services Poster
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=8a6ce527-1ac3-4642-bd04-5e93efc364f6>
- Upgrade Testing Poster
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=d7389d9f-f70f-4226-89aa-a96a05a497f0>
- Upgrade Approach Poster
<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=e8b66eb3-27c7-4a39-a2e1-3e7d18b12ee1>

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