

Administration SharePoint 2010

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Microsoft®

SharePoint® Server 2010

Un jour d'un administrateur SharePoint

- ⇒ Planification
 - ⇒ Architecture, Services, hébergement, authentification/sécurisation
- ⇒ Opérations & Maintenance
 - ⇒ Powershell, import/export, sauvegarde/restauration
- ⇒ Optimisation
 - ⇒ Supervision, suivi des bases de données, diagnostic, performance

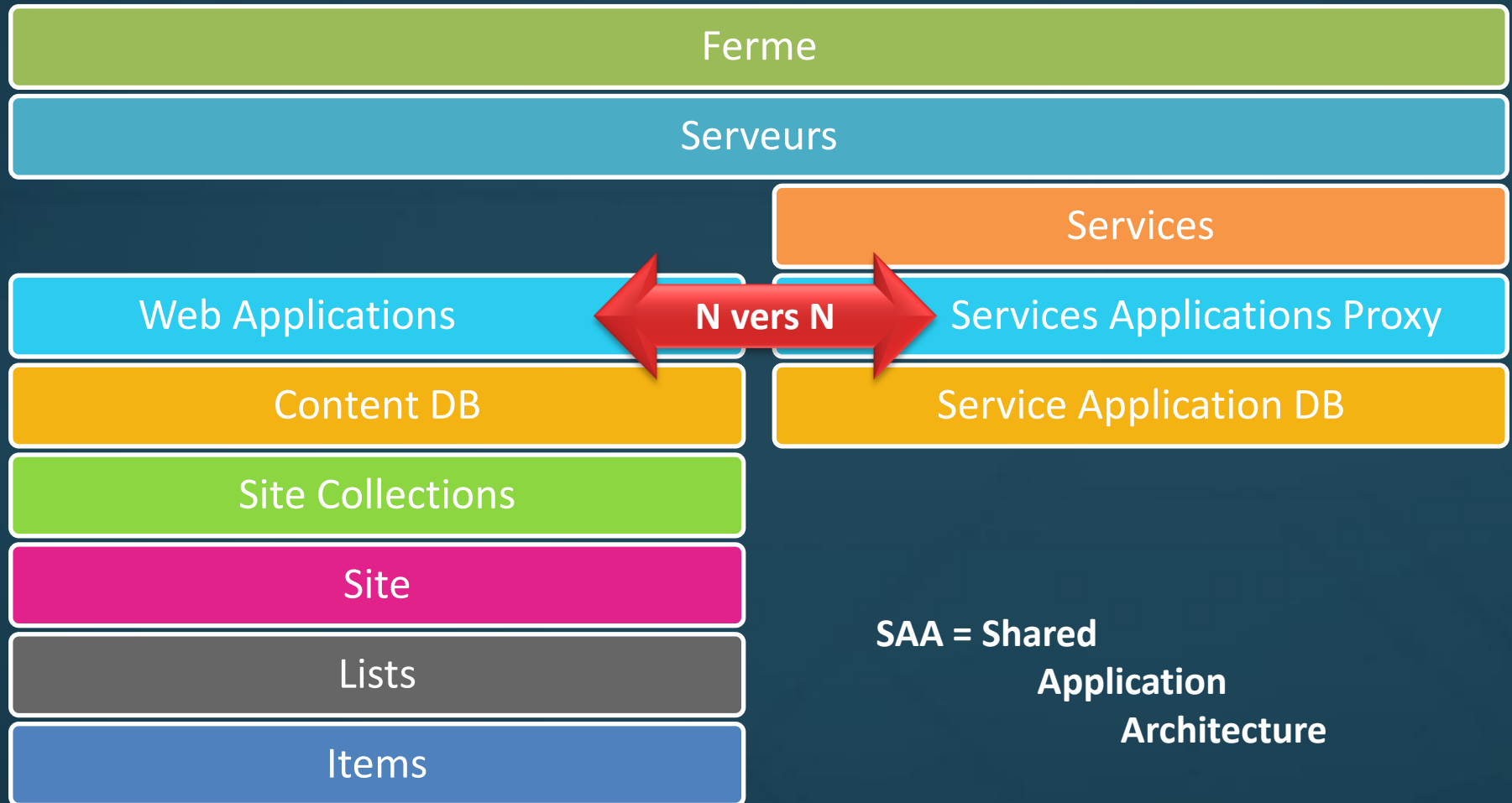
SharePoint 2010 : une nouvelle architecture

- ⇒ Architecture 'full 64 bits'
 - ⇒ SharePoint 2010 est disponible uniquement en version 64 bits
 - ⇒ SQL Server 64 bits requis

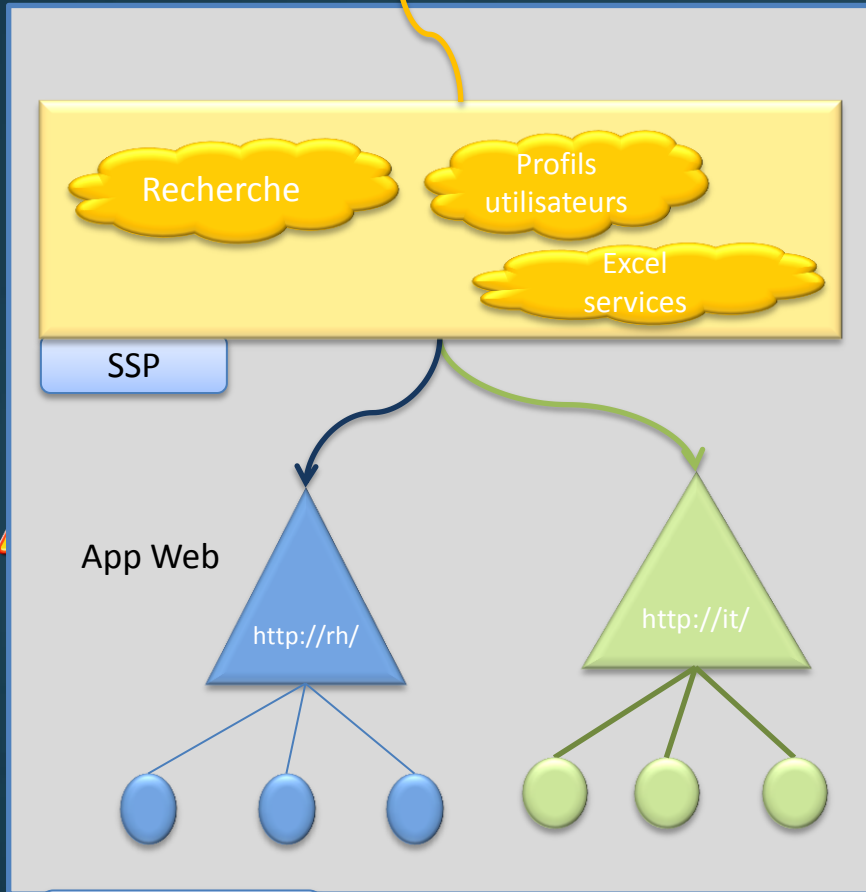
- ⇒ À nouveaux services, nouvelle architecture
 - ⇒ Moteur de recherche amélioré, intégration de FAST
 - ⇒ Office Web Apps, 'tout' Office en mode web

SharePoint 2010 : une nouvelle architecture

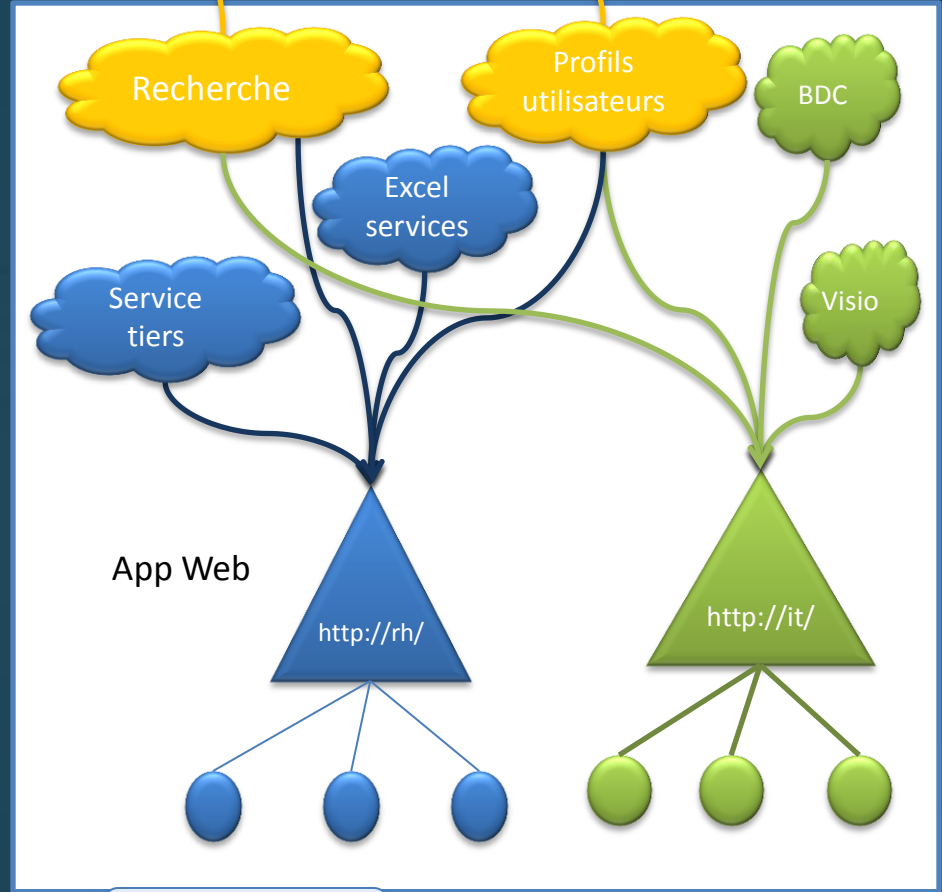
⇒ Disparition du SSP, Bienvenue à la SAA !



SharePoint 2010 : une nouvelle architecture de services



Ferme 2007



Ferme 2010

Quoi de neuf dans l'administration?

- ⇒ Assistant de configuration
- ⇒ Une nouvelle interface d'administration
- ⇒ Ruban Office présent également dans l'administration

Central Administration > Configure your SharePoint farm

Select the services you want to run in your farm. The services you select below will run with default settings on all servers in your farm.

Site Actions

Service Account

Services require an account to operate. For security reasons, it is recommended that you use an account that's different from the farm admin account.

Services

Select the services you want to run in your farm. The services you select below will run with default settings on all servers in your farm.

Monitoring

- Review problems and solutions
- Check job status
- View Web Analytics reports

Security

- Manage the farm administrators group
- Configure service accounts

General Application Settings

- Configure send to connections
- Configure content deployment paths and jobs
- Manage form templates

Backup and Restore

- Perform a backup
- Restore from a backup
- Perform a site collection backup

Upgrade and Migration

- Convert farm license type
- Check product and patch installation status
- Check upgrade status

Configuration Wizards

Use existing managed account

Create new managed account

User name

Password

Access Services

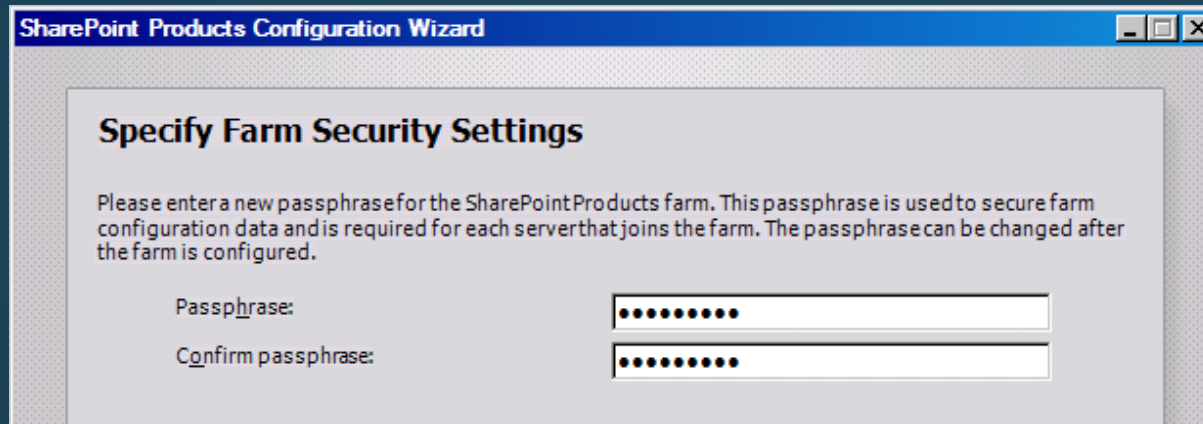
Application Registry Service

Business Data Connectivity

Excel Services

Et la sécurité?

- ⇒ Sécurisation de l'accès à la ferme
 - ⇒ Pass phrase pour joindre la ferme
- ⇒ Gouvernance
 - ⇒ Visualisation des droits



The screenshot shows a window titled "SharePoint Products Configuration Wizard" with a standard Windows title bar (minimize, maximize, close buttons). The main content area has a title "Specify Farm Security Settings" and a paragraph of instructions: "Please enter a new passphrase for the SharePoint Products farm. This passphrase is used to secure farm configuration data and is required for each server that joins the farm. The passphrase can be changed after the farm is configured." Below the text are two input fields. The first is labeled "Passphrase:" and the second is labeled "Confirm passphrase:". Both fields contain ten black dots, indicating that the text is masked.

Demo 1

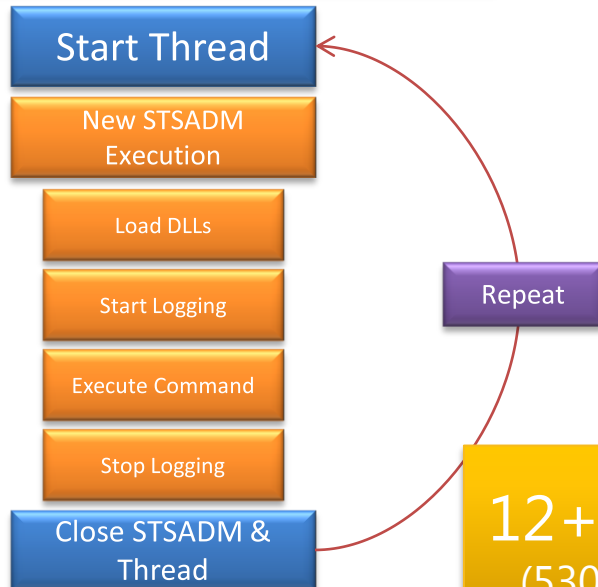
La nouvelle administration centrale
Configuration des services
Gestion de la sécurité

Quoi de neuf dans l'administration?



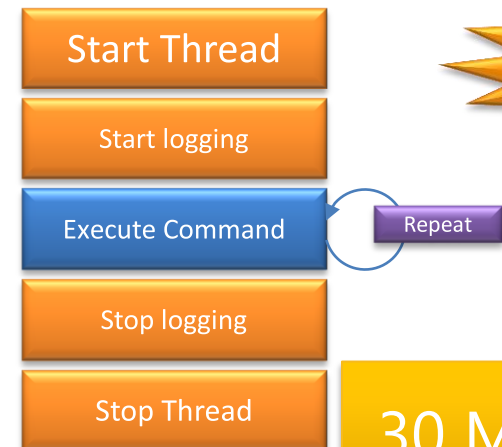
- ⇒ Contrôle total de SharePoint 2010 possible, même l'installation avec 652 Cmdlets !
- ⇒ 2 types de commandes : **locale** (serveur) & **globale** (ferme)
- ⇒ Grosse amélioration des performances en batch

Exécution avec STSADM



12+ Heures
(5300 SPSites)

Avec PowerShell



30 Minutes
(5300 SPSites)

Activation
Features

Quoi de neuf dans l'administration?




```
Administrator: SharePoint 2010 Management Shell
PS C:\Users\Administrator> get-command -pssnapin "Microsoft.SharePoint.PowerShell" | more

CommandType      Name                                     Definition
-----
Cmdlet            Add-SPClaimTypeMapping                 Add-SPClaimTypeMapping [-Ide...
Cmdlet            Add-SPDiagnosticsPerformance...      Add-SPDiagnosticsPerformance...
Cmdlet            Add-SPInfoPathUserAgent              Add-SPInfoPathUserAgent [-Na...
Cmdlet            Add-SPPluggableSecurityTrimmer        Add-SPPluggableSecurityTrimm...
Cmdlet            Add-SPServiceApplicationProx...       Add-SPServiceApplicationProx...
Cmdlet            Add-SPShellAdmin                      Add-SPShellAdmin [-UserName]...
Cmdlet            Add-SPSiteSubscriptionFeatur...       Add-SPSiteSubscriptionFeatur...
Cmdlet            Add-SPSiteSubscriptionProfil...       Add-SPSiteSubscriptionProfil...
Cmdlet            Add-SPSolution                        Add-SPSolution [-LiteralPath...
Cmdlet            Add-SPUserSolution                   Add-SPUserSolution [-Literal...
Cmdlet            Backup-SPConfigurationDatabase        Backup-SPConfigurationDataba...
Cmdlet            Backup-SPFarm                         Backup-SPFarm -Directory <St...
Cmdlet            Backup-SPSite                         Backup-SPSite [-Identity] <S...
Cmdlet            Clear-SPLogLevel                      Clear-SPLogLevel [-Identity ...
Cmdlet            Clear-SPMetadataWebServicePa...       Clear-SPMetadataWebServicePa...
Cmdlet            Clear-SPPerformancePointServ...       Clear-SPPerformancePointServ...
Cmdlet            Clear-SPSecureStoreCredentialia...     Clear-SPSecureStoreCredentialia...
Cmdlet            Clear-SPSecureStoreDefaultPr...       Clear-SPSecureStoreDefaultPr...
Cmdlet            Clear-SPSiteSubscriptionBusi...        Clear-SPSiteSubscriptionBusi...
Cmdlet            Connect-SPConfigurationDatabase       Connect-SPConfigurationDatab...
Cmdlet            Copy-SPBusinessDataCatalogAc...      Copy-SPBusinessDataCatalogAc...
-- More --
```

Sauvegarde/restauration

⇒ Accès direct dans l'administration centrale



Backup and Restore
Perform a backup
Restore from a backup
Perform a site collection backup

Readiness

- ⚠ A site collection backup is currently in progress.
- ✅ No export is in progress.
- ✅ Timer service is running.

Refresh Delete Backup Job

Site Collection Backup

Current Job

Status	Operation initializing.
Requested By	BENOITHARMET\Administrator
Site Collection URL	http://blog2.hametbenoit.info
Filename	\\benoitamet.local\dfs\backup\SharePoint 2010\blog2
Overwrite	No
Recovery Step	To recover the data, use the PowerShell restore command Restore-SPSite. For more details, type Restore-SPSite -? at the PowerShell command prompt.

Previous Job

Status	No previous job.
--------	------------------

Content Export

Current Job

Status	No operation in progress.
--------	---------------------------

Previous Job

Status	No previous job.
--------	------------------

⇒ Restauration sans attachement

⇒ Granularité des sauvegardes

⇒ Utilisation de PowerShell

Demo 2

Administration PowerShell Sauvegarde/Restauration

Optimisation de l'environnement

- ⇒ Large List Throttling
 - ⇒ Contrôle au niveau application web de l'utilisation
 - ⇒ Définition du nombre d'éléments retournés
- ⇒ Developer Dashboard
 - ⇒ Identification des goulets d'étranglement
 - ⇒ Web part performance
 - ⇒ 'Sand boxing'

Optimisation de l'environnement bases de données

- ⇒ Suivi de la performance
 - ⇒ Un service dédié, activé par défaut
 - ⇒ Usage and Health data collection
 - ⇒ Une base dédiée : SQL Server Logging Database
 - ⇒ Un schéma publié par Microsoft
 - ⇒ Une gestion centralisée des journaux

- ⇒ Externalisation des BLOB
 - ⇒ En mode Filestream

Diagnostic et résolution

- ⇒ SharePoint Best Practice Analyzer inclus
- ⇒ Usage Reporting and logging amélioré
 - ⇒ Utilisation d'un identifiant d'erreur (ID de corrélation)

The SharePoint Health Analyzer h

Microsoft SharePoint 2010 Central Administration

Search this site...

Modified

1/10/2010 12:01 AM

1/10/2010 12:01 AM

1/15/2010 12:00 AM

1/10/2010 12:00 AM

1/10/2010 12:00 AM

1/16/2010 7:00 PM

1/10/2010 12:01 AM

Error

An unexpected error has occurred.

[Troubleshoot issues with Microsoft SharePoint Foundation.](#)

Correlation ID: **e7cd4a65-c879-4289-9518-bdf31f463aa8**

Date and Time: 19/01/2010 16:39:17

Go back to site

Version: 7.0
Created at 11/29/2009 12:01 AM by System Account
Last modified at 1/10/2010 12:01 AM by System Account

Close

Démo

Base de suivi de la performance
Performance Dashboard
Best Practices Analyzer

Informations additionnelles

⇒ Blogs des speakers

Patrick <http://blogs.codes-sources.com/patricg/>

Benoit <http://blog.hametbenoit.info/>

⇒ Téléchargement de la version bêta

<http://technet.microsoft.com/en-us/evalcenter/ee388573.aspx>

Prérequis matériel et système

[http://technet.microsoft.com/library/cc262485\(office.14\).aspx](http://technet.microsoft.com/library/cc262485(office.14).aspx)

⇒ Microsoft eLearning – Clinic 2 h gratuit

<http://www.microsoft.com/learning/elearning/course/10279ae.msp>



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Chez Hermès

Disponibilité avril 2010

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