Installation de SQL Server DENALI CTP3

Au mois de Juillet 2011, Microsoft a mis à la disposition des testeurs volontaires la CTP 3 (Community Technological Preview) du futur moteur **SQL Server** ayant le nom de code « DENALI ».

Téléchargement des fichiers d'installation

Vous pouvez télécharger les fichiers nécessaires en allant à cette adresse :

<u>http://www.microsoft.com/betaexperience/pd/SQLDCTP3CTA/enus/default.aspx</u>



Une fois la version choisie (32 ou 64 Bits) ainsi que la langue, vous serez renvoyé vers une page intermédiaire qui vous avertit du chargement du composant « Download Manager »

6 Micro	soft Download Service - Windows Internet Explorer	
00	👻 😰 http://care.dlservice.microsoft.com/download/downloadall?lcid=1033&cprod=SQLDEN64CTA&files=http://care.dlservice.microso 💌 🗟 🍕	🕨 🗙 🚼 Google 🛛 🔎 🔻
🙀 Fav	orites 🏽 🍘 Microsoft Download Service	Page 🔻 Safety 🔻 Tools 🔻 🔞 👻 🚢
	Please wait while the Download Manager begins your download. If you have not already installed ActiveX control or the Java TH applet, an information box will appear in browser prompting you to install "ActiveX controt". If the Download Manager can not install the ActiveX control or the Java TH applet in your browser, you may have s Sourcessoft*	n your Microsoft Internet Explorer ystem restrictions.
	THANK YOU FOR DOWNLOADING SQL SERVER CODE NAME "DENALI" CTP3	F
	Get More Out of Your Evaluation Register to receive emails with access to the latest resources, as well as notification when the next version of SQL Server Code Name "Denali" is available.	>
	© 2011 Microsoft Corporation. All rights reserved. <u>Terms of Use Trademarks Privacy Statement</u>	Microsoft ⁻ TechNet
Done	Internet Protected Mode: Off	🖓 🕶 🔍 100% 💌

Vous devez spécifier le répertoire de stockage

Townload Manager					
File Name	Progress	Size	Status	URL	Save As
SQL Denali LCA E SQLFULL_x64_EN SQLFULL_x64_EN SQLFULL_x64_EN	100% 0% 100% 2%	561 Bytes 1.72 GB 93 KB 605.53 MB	Finished Downloading Finished Downloading	http://care.dlservice.microsoft.com/dl/ http://care.dlservice.microsoft.com/dl/ http://care.dlservice.microsoft.com/dl/ http://care.dlservice.microsoft.com/dl/	D:\TEMP\SQL Denali LC D:\TEMP\SQLFULL_x64 D:\TEMP\SQLFULL_x64 D:\TEMP\SQLFULL_x64
Pause	<u> </u>	<u>D</u> etails	×	Cancel	Exit

Une fois le téléchargement effectué, Il s'agit de 4 fichiers distincts :

🞒 SQL Denali LCA EN.html	19.07.2011 11:28	HTML Document	1 KB
SQLFULL_x64_ENU_Core.box	19.07.2011 11:42	BOX File	1'807'056 KB
🔀 SQLFULL_x64_ENU_Install.exe	19.07.2011 11:28	Application	94 KB
SQLFULL_x64_ENU_Lang.box	19.07.2011 11:32	BOX File	620'062 KB

Prérequis

On trouve la liste des prérequis pour installer le moteur SQL Server DENALI est disponible en ligne :

• What's New in SQL Server Installation

Activation du FrameWork .NET 3.5 SP1

Un des prérequis est le FrameWork .NET 3.5 Service Pack 1 que l'on peut retrouver ici :

• http://go.microsoft.com/fwlink/?LinkID=159615 (FrameWork .NET 3.5 SP1)

Dans le cas d'une machine installée sous Windows 7 ou Windows 2008 R2, il faut activer le composant en allant dans l'assistant de gestion de la machine « Server Manager », puis on clique sur « Features »



On clique alors sur « Add Features »

Features		
View the	status of features installed o	n this server and add or remove features.
Features Sum	mary	Features Summary Help
Features: 0	of 41 installed	Add Features

On sélectionne alors la première ligne

Add Features Wizard		×
Select Features		
Features Confirmation Progress Results	Select one or more features to install on this server. Features: Image: Internet of the server of t	Description: Microsoft .NET Framework 3.5.1 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.
	< Previous Next	Install Cancel

Une alerte nous confirme des options associées avec cette activation, on valide par « Add required Role Services ».

Add Featu	res Wizard	×			
¢,	Add role services and features required for .NET Framework 3.5.1 Features?				
	You cannot install .NET Framework 3.5.1 Features unless the required role services and features are also installed.				
	Role Services:	Description:			
	 Web Server (IIS) Web Server Application Development Security Windows Process Activation Service Process Model .NET Environment Configuration APIs 	Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.			
		Add Required Role Services Cancel			
(i) Why	are these role services and features required?	//			

On clique alors sur Next pour activer ces modifications. Un écran nous présente le service IIS qui est associé. On valide par Next

Veb Server (IIS) Feature Veb Services Confination Pagess Results Web Services (IIS) Progress Results Web Services (IIS) Progress Results Output progress Progress Services (IIS) Output progress Output progress <th>Add Features Wizard</th> <th>×</th>	Add Features Wizard	×
Features Introduction to Web Server (IIS) Role Services Confirmation Progress Results Image: Service (IIS) Thing to Note Progress Image: Service (IIS) Results Image: Service (IIS) Progress Image: Service (IIS) Results Image: Service (IIS) Progress Image: Service (IIS) Results Image: Service (IIS) Image: Service (IIS) Image: Service (IIS) Results Image: Service (IIS) Progress Image: Service (IIS) Results Image: Service (IIS) Image: Service (IIS) Image: Service (IIS)	Web Server (IIS)	
	Features Web Server (IIS) Role Services Confirmation Progress Results	Introduction to Web Server (IIS) Web servers are computers that have specific software that allows them to accept requests from client computers and extranets. The Web Server role includes Internet Information Services (IIS) 7.0, a unified Web platform that integrates IIS 7.0, ASP.NET, and Windows Communication Foundation. IIS 7.0 also features enhanced security, simplified diagnostics, and delegated administration. Image: Computer Security State Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer. Image: Content Information of role Server (IIS) role includes the installation of role services that enable you to serve static content, make minor customizations (such as default documents and HTTP errors), monitor and log server activity, and configure static content compression. Metricular Information Metricular Security Securit

On laisse les valeurs par défaut et on clique sur Next

Add Features Wizard		×
Select Role Servi	ices	
Features Web Server (IIS) Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services:	Description: Web Server provides support for HTML Web sites and optional support for 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. web site or to provide an environment for developers to create Web-based applications. Cancel

On confirme les modifications en cliquant sur Install

Add Features Wizard		×
Confirm Installati	on Selections	
Features Web Server (IIS) Role Services Confirmation Progress Results	To install the following roles, role services, or features, click Install.	
	.NET Environment	•]
	< Previous Next > Install Cancel	

L'assistant va exécuter les étapes de modification nécessaires à cette installation

Add Features Wizard	
Installation Prog	ress
Features Web Server (IIS)	The following roles, role services, or features are being installed: Web Server (IIS)
Role Services	.NET Framework 3.5.1 Features
Progress	Windows Process Activation Service
Results	<pre> </pre>

La modification se termine avec un résumé. On peut quitter l'assistant en cliquant sur Close.

Add Features Wizard			×
Installation Results	i		
Features Web Server (IIS)	The following roles, role services, or features we	re installed successfully:	
Role Services	🔿 Web Server (IIS)	🥑 Installation succeeded	-
Confirmation	The following role services were installed:		
Progress	Application Development		
Results	.NET Extensibility		
	Request Filtering		
	(a) .NET Framework 3.5.1 Features	🔇 Installation succeeded	
	The following features were installed: .NET Framework 3.5.1 WCF Activation HTTP Activation Non-HTTP Activation		
	S Windows Process Activation Service	🗿 Installation succeeded	
	The following features were installed: Process Model .NET Environment Configuration APIs		
	Print, e-mail, or save the installation report		
	< Pre	evious Next > Close	Cancel

Microsoft FrameWork.NET 4.0

Ce composant est nécessaire pour le bon fonctionnement de SQL Server DENALI. Son installation préalable est conseillée. Elle n'est obligatoire que si vous souhaitez installer la version Express de DENALI.

Dans le cas de la version de démonstration (ayant tous les composants), l'assistant d'installation s'occupera aussi du FrameWork 4.0.

Vous pouvez trouver ce FrameWork 4.0 sur le site Microsoft :

• Microsoft .NET Framework 4 (Web Installer)

Installation du moteur SQL Server DENALI

Maintenant que les fichiers sont disponibles, il est préférable de faire l'installation du moteur sur une machine de Test qui sera dédiée à cela. Il ne faut surtout pas installer ce moteur sur une machine de production et éviter au maximum de l'installer sur une machine servant à tester d'autres produits.

Pour notre démonstration, nous utiliserons la version X64 du moteur sur une machine Windows 2008 R2 Standard Edition installée dans HyperV.

Pour lancer l'installation il faut cliquer sur le fichier « **SQLFULL_x64_ENU_Install.exe** », l'installation se lance par une préparation du contenu

Unloading the Box	×
Preparing: E:\SQLServer_Denali-CTP3\SQLFULL_x64_ENU\1033_ENU_LP\\FINISH.	RTF
Cancel	

Cela correspond à une décompression des fichiers d'installation dans un sous-répertoire

🍌 1033_ENU_LP	03.08.2011 15:33	File folder	
鷆 redist	03.08.2011 15:35	File folder	
鷆 resources	03.08.2011 15:35	File folder	
鷆 x64	03.08.2011 15:35	File folder	
AUTORUN.INF	23.06.2011 23:40	Setup Information	1 KB
MEDIAINFO.XML	26.06.2011 16:06	XML Document	1 KB
SETUP.EXE	25.06.2011 09:48	Application	161 KB
SETUP.EXE.CONFIG	24.06.2011 16:10	CONFIG File	1 KB
🚳 SQMAPI.DLL	24.06.2011 16:13	Application extension	142 KB

Il nous faut donc double cliquer sur le fichier « Setup.EXE » qui se situe dans ce sous répertoire. L'UAC nous demande alors de valider notre demande d'exécution

🌏 User	Account	Control			×
Do you want to allow the following program to make changes to this computer?					
	ŧ	Program name: Verified publisher: File origin:	SQL Server 201 Microsoft Co Hard drive on t	1 rporation his computer	
	Show deta	ils		Yes	No
			<u>Chang</u>	e when these i	notifications appear

Puis un premier écran apparaît

SQL Server "Denali" CTP3

Please wait while Microsoft SQL Server "Denali" Community Technology Preview 3 Setup processes the current operation.

L'assistant d'installation apparaît enfin avec la liste des choix possibles



Dans notre cas, nous cliquons sur le lien « Installation » du menu de gauche

🚼 SQL Server Installation Center		
Planning Installation Maintenance Tools Resources	1	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server "Denali" CTP3 in a non-clustered environment or to add features to an existing SQL Server "Denali" CTP3 instance. New SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server "Denali" CTP3 failover cluster.
Advanced Options	;11 7	Add node to a SQL Server failover cluster Launch a wizard to add a node to an existing SQL Server "Denali" CTP3 failover cluster. Upgrade from SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 to SQL Server "Denali" CTP3.
SQL Server "Denali" Community Technology Preview 3 (CTP 3)		Search for product updates Search Microsoft Update for SQL Server "Denali" CTP3 product updates.

Nous allons alors choisir le premier lien pour installer les composants voulus sur la machine courant. Cela va lancer un écran de chargement rapide

5QL Server "Denali" CTP3
Please wait while Microsoft SQL Server "Denali" Community Technology Preview 3 Setup processes the current operation.

Pour ensuite effectuer un premier ensemble de test de la machine courante. Ce test correspond donc à tous les pré-requis nécessaires pour l'installation de ce moteur SQL (par exemple <u>le Service Pack 1 du</u> <u>FrameWork 2.0 et 3.5</u>).

Dans le cas d'une erreur, il faudra corriger la partie manquante et relancer l'assistant. Dans notre cas, nous pouvons passer à la suite en cliquant sur OK

🚼 SQL Server "Denali" CTP3 Setup			_ 🗆 🗵		
Setup Support Rules					
Setup Support Rules identify proble before Setup can continue.	ems th	at might occur when you install SQL Server Setup support files. Failure:	s must be corrected		
Setup Support Rules	Operation completed. Passed: 7. Failed 0. Warning 0. Skipped 0.				
	Hid <u>View</u>	e details << • detailed report	Re-run		
	Ru	Rule	Status		
		Setup administrator	Passed		
		Restart computer	Passed		
		Windows Management Instrumentation (WMI) service	Passed		
		Consistency validation for SQL Server registry keys	Passed		
		Long path names to files on SQL Server installation media	Passed		
		SQL Server Setup Product Incompatibility	Passed		
		.NET 2.0 and .NET 3.5 Service Pack 1 update for Windows 2008 R2	Passed		
			OK Cancel		

On voit encore apparaître l'écran de chargement pour ensuite avoir l'assistant de licence. La version actuelle est donc une CTP, ce qui explique le choix de base « Evaluation », on peut malgré tout tester la version Express en sélectionnant la seconde valeur du menu.

Dans notre cas, nous choisissons la version « Evaluation » et cliquons sur Next

🊼 SQL Server "Denali" CTP3 Setup		
Product Key		
Specify the edition of SQL Server '	"Denali" CTP3 to install.	
Product Key License Terms Product Updates Install Setup Files	Validate this instance of SQL Server "Denali" CTP3 by entering the 25-character key from the Microsoft certificate of authenticity or product packaging. You can also specify a free edition of SQL Server, such as Evaluation or Express. Evaluation has the largest set of SQL Server features, as documented in SQL Server Books Online, and is activated with a 180-day expiration. To upgrade from one edition to another, run the Edition Upgrade Wizard. (* Specify a free edition: Evaluation T	
	< Back Next >	Cancel //

Nous acceptons les termes de la licence et cliquons sur Next

🍀 SQL Server "Denali" CTP3 Set	up 💶 🗌 🗶
License Terms	
To install SQL Server "Denali"	CTP3, you must accept the Microsoft Software License Terms.
Product Key License Terms Product Updates Install Setup Files	MICROSOFT PRE-RELEASE SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER CODE-NAMED "DENALI", EVALUATION COMMUNITY TECHNOLOGY PREVIEW 3 (CTP 3) These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the pre-release software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft • updates, • supplements, • Internet-based services, and • support services ✓ I accept the license terms. Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.
	< Back Next > Cancel

L'assistant va alors tester l'existence de mises à jour, puis exécute l'installation de l'outil d'installation du moteur dans sa dernière version connue (si une mise à jour existe)

🍀 SQL Server "Denali" CTP3 Setup)		_ 🗆 🗙
Install Setup Files			
SQL Server Setup will now be in: be installed.	stalled. If an update for SQL Server Setup is fo	und and specified to be included, the update will also	
Product Key License Terms Product Updates Install Setup Files	SQL Server Setup files are being installed or Task Scan for product updates Download Setup files Extract Setup files Install Setup files	the system. Status Completed Skipped Skipped In Progress	
		< Back Install	Cancel

L'écran de chargement apparaît encore pour ensuite exécuter le réel logiciel d'installation de la version choisie (version évaluation de SQL Server Denali CTP3).

L'installation commence encore par un nouvel ensemble de test de la machine. Dans le cas d'un succès, on peut passer à la suite en cliquant sur Next

🎲 SQL Server "Denali" CTP3 Setup		
Setup Support Rules		
Setup Support Rules identify prob before Setup can continue.	lems that might occur when you install SQL Server Setup support files. Failure	s must be corrected
Setup Support Rules Setup Role Feature Selection Installation Rules Disk Space Requirements	Operation completed. Passed: 9. Failed 0. Warning 0. Skipped 0. Hide details << <u>View detailed report</u>	Re-run
Error Reporting		
Installation Configuration Rules	Rul Rule	Status
Ready to Install	Fusion Active Template Library (ATL)	Passed
Installation Progress	Performance counter registry hive consistency	Passed
Complete	Previous releases of SQL Server 2008 Business Intelligence Develop	Passed
	No SxS install with SQL Server "Denali" CTP0	Passed
	Consistency validation for SQL Server registry keys	Passed
	Computer domain controller	Passed
	Microsoft .NET Application Security	Passed
	Edition WOW64 platform	Passed
	Windows Firewall	Passed
	< Back	Next > Cancel Help

On choisit maintenant quel est le rôle que l'on souhaite pour la machine sur laquelle on installe ce moteur :

- Uniquement certains composants de SQL Server que l'on va choisir et paramétrer
- SQL Server PowerPivot pour SharePoint
- Tous les composants installés avec les paramètres par défauts (inclus les comptes de services)

髅 SQL Server "Denali" CTP3 Setup	
Setup Role	
Click the SQL Server Feature Inst install a specific configuration.	allation option to individually select which feature components to install, or click a feature role to
Setup Support Rules Setup Role Feature Selection Installation Rules Disk Space Requirements Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	 SQL Server Feature Installation Install SQL Server Database Engine Services, Analysis Services, Reporting Services, Integration Services, and other features. SQL Server PowerPivot for SharePoint Install PowerPivot for SharePoint on a new or existing SharePoint 2010 server to support PowerPivot data access in the farm. Optionally, add the SQL Server relational database engine to use as the new farm's database server. Add SQL Server Database Relational Engine Services to this installation. All Features With Defaults Install all features using default values for the service accounts.
	< Back Next > Cancel Help

Nous choisissons la première option et cliquons sur Next afin de choisir nos options. Pour notre exemple, nous choisissons les composants standards (DB Engine, Analysis Services, Reporting Services, Integration Services et les outils de gestion et de création) On clique ensuite sur Next

🍀 SQL Server "Denali" CTP3 Setup

Feature Selection

Select the Evaluation features to install.

Setup Support Rules	Features:	Feature description:
Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Instance Features Database Engine Services SQL Server Replication Full-Text and Semantic Extractions for Search Data Quality Services Analysis Services - Native Shared Features Reporting Services - SharePoint Reporting Services Add-in for SharePoint Products Data Quality Client Business Intelligence Development Studio Client Tools Connectivity Integration Services Client Tools Backwards Compatibility Client Tools SDK Books Online Components Management Tools - Basic Management Tools - Complete Distributed Replay Controller Distributed Replay Client SQL Client Connectivity SDK Master Data Services Redistributable Features	The configuration and operation of each instance feature of a SQL Server instances is solated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer. Prerequisites for selected features: Already installed: Windows PowerShell 2.0 To be installed from media: Microsoft .NET Framework 4.0 Microsoft Visual Studio Zo10 Shell Needs to be manually installed: Microsoft .NET Framework 3.5
	Select All Unselect All Shared feature directory: C:\Program Files\Microsoft SQL Serve Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL	r) Server)
	< Back	Next > Cancel Help

L'assistant effectue une série de tests sur la machine (validation des composants .NET 3.5 SP1, ...). Si tout est OK, on passe à l'étape suivante en cliquant sur Next

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🍀 SQL Server "Denali" CTP3 Setup		
Installation Rules Setup is running rules to determi	ne if the installation process will be blocked. For more information, click Help.	
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration	Operation completed. Passed: 3. Failed 0. Warning 0. Skipped 0. Hide details << <u>View detailed report</u> Rul Rule	Re-run Status
Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	 SQL Server 2005 Express tools Previous releases of Microsoft Visual Studio 2008 Microsoft .NET Framework 3.5 Service Pack 1 is required 	Passed Passed Passed
	< Back	Next > Cancel Help

On définit le nom de l'instance (si on souhaite une instance nommée), sinon on laisse le nom par défaut (instance non nommée - MSSQLSERVER). L'assistant teste si une autre instance existe déjà ou non. On passe à l'étape suivante en cliquant sur Next

🍀 SQL Server "Denali" CTP3 Setup)					
Instance Configuratio	IN D for the instance of SQL Server	. Instance ID becomes pa	art of the installation	path.		
Setup Support Rules Setup Role Feature Selection Installation Rules	Default instance Named instance:	MSSQLSERVER				
Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Instance ID: Instance root directory:	MSSQLSERVER C:\Program Files\Micros	soft SQL Server\			
	SQL Server directory: Analysis Services directory: Reporting Services directory: Installed instances:	C:\Program Files\Micros C:\Program Files\Micros C:\Program Files\Micros	soft SQL Server\MS; soft SQL Server\MS; soft SQL Server\MS;	5QL11.MSSQLSERVER AS11.MSSQLSERVER RS11.MSSQLSERVER		
	Instance Name Ins	itance ID Fea	atures	Edition	Version	
			< Back	Next > Cance	el Hel	<u> </u>

L'assistant nous indique alors l'espace nécessaire pour l'installation des modules (hors données). On valide en cliquant sur Next

🍀 SQL Server "Denali" CTP3 Setup		
Disk Space Requiremer	nts	
Review the disk space summary for	the SQL Server features you selected.	
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Disk Usage Summary: Orive C: 5991 MB required, 116091 MB available System Drive (C:\): 3259 MB required Shared Install Directory (C:\Program Files\Microsoft SQL Server\): 1228 MB required Instance Directory (C:\Program Files\Microsoft SQL Server\): 1504 MB required	
	< Back Next > Cancel	Help

Nous devons définir les comptes de services utilisés par chaque moteur ainsi que le mode de démarrage. Il faut noter qu'une nouvelle politique existe avec SQL Server DENALI en faisant apparaître de nouveaux comptes « NT Service\xxxx ». Vous pouvez aussi utiliser ou plusieurs comptes de services provenant de la machine ou du domaine. On définit la « Collation » utilisée par défaut via le second onglet.

Dans notre exemple, nous laisserons les valeurs par défaut, mais je vous invite à consulter le billet suivant sur ce point précis :

• Denali – Comptes de service

Nous validons cette configuration en cliquant sur Next

🍀 SQL Server "Denali" CTP3 Setup					_ 🗆 ×
Server Configuration					
Specify the service accounts and co	ollation configuration.				
Setup Support Rules Setup Role Feature Selection Installation Rules	Service Accounts Collation Microsoft recommends that you use a second Service	eparate account for each SQL Se	rver service.	Startup Type	_
Instance Configuration	SQL Server Agent	NT Service\SQLSERVERAG		Manual	-
Disk Space Requirements	SQL Server Database Engine	NT Service\MSSQLSERVER		Automatic	-
Server Configuration	SQL Server Analysis Services	NT Service\MSSQLServerO		Automatic	-
Database Engine Configuration	SQL Server Reporting Services	NT Service\ReportServer		Automatic	-
Analysis Services Configuration	SQL Server Integration Services 11.0	NT Service\MsDtsServer110		Automatic	-
Reporting Services Configuration	SQL Full-text Filter Daemon Launcher	NT Service\MSSQLFDLaun		Manual	
Error Reporting	SQL Server Browser	NT AUTHORITY\LOCAL SE		Disabled	-
Installation Progress Complete					
		< Back	Next >	Cancel He	elp

Cette étape permet de définir le mode d'authentification choisi. Nous serons en mode Mixed Mode tout en ajoutant certains comptes comme administrateurs.

🚼 SQL Server "Denali" CTP3 Setup	
Database Engine Confi	guration
Specify Database Engine authentic	ation security mode, administrators and data directories.
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directories FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Windows authentication mode Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password: Specify SQL Server administrators Specify SQL Server administrators Sources to the Database Engine. Sources to the Database Engine. Add Qurrent User Add Bernove
	< <u>Back</u> <u>N</u> ext > Cancel Help

Nous pouvons aussi définir les répertoires par défaut pour les fichiers des bases de données en cliquant sur le second onglet « Data Directories »

Database Engine Confi	guration	a and data divertarias	
Specify Database Engine authentic Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directory: Data root directory: System database directory: User database directory: User database log directory: Temp DB directory: Temp DB log directory: Backup directory: Backup directory:	s and data directories. ectories FILESTREAM E:\Microsoft SQL Server\ E:\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data E:\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data D:\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data E:\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data D\\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data E:\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data E:\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Data	

Si on souhaite activer le FileStream, il faut le paramétrer dans le dernier onglet. Nous validons ces options en cliquant sur Next. Nous arrivons alors sur la configuration du Moteur d'analyse. On ajoute les comptes administrateurs

Sectify Analysis Services server modes, administrators, and data directories. Setup Support Rules Setup Role Feature Selection Installetion Rules Installetion Rules Server Configuration Database Engine Configuration Database Engine Configuration Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	SQL Server "Denali" CTP3 Setup Analysis Services Conf	quration	
Server Configuration Data Directories Server Configuration Data Directories Server Mode: Server Mode: Multidimensional and Data Mining Mode Iabular Mode Specify which users have administrative permissions for Analysis Services. Analysis Services Configuration Services Configuration Rules Ready to Install Installation Progress Complete	Specify Analysis Services server m	odes, administrators, and data directories.	
Add <u>C</u> urrent User <u>A</u> dd <u>R</u> emove	Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directories Server Mode: Multidimensional and Data Mining Mode Isbular Mode Isbular Mode Specify which users have administrative permissions for Analysis Service Add Current User Add	es. Analysis Services administrators have unrestricted access to Analysis Services.

On spécifie ensuite les répertoires de stockage des données et on valide les options avec le bouton Next

🊼 SQL Server	"Denali" (CTP3 Setup
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tup Support Rules Server Configuration Data Directories staure Selection Specify the data directories for SQL Server Analysis Services. gata directory: E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Data stance Configuration Log file directory: D:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Log stance Configuration Log file directory: D:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Log stance Configuration Log file directory: D:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Log stabase Engine Configuration Temp directory: E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Eng backgup directory: E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Temp backgup directory: E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Backup backgup directory: E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Backup </th <th>Specify Analysis Services server m</th> <th>odes, administrators, and</th> <th>data directories.</th> <th></th>	Specify Analysis Services server m	odes, administrators, and	data directories.	
	Specify Analysis Services server m ietup Support Rules ietup Role ieature Selection Installation Rules Instance Configuration Disk Space Requirements ierver Configuration Database Engine Configuration Analysis Services Configuration Analysis Services Configuration irror Reporting Installation Configuration Rules teady to Install Installation Progress Complete	odes, administrators, and Server Configuration Specify the data directory: Data directory: Log file directory: Temp directory: Backup directory:	data directories. Data Directories ectories for SQL Server Analysis Services. E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Data D:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Log E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Backup E:\Microsoft SQL Server\MSAS11.MSSQLSERVER\OLAP\Backup	

On garde les options de base pour le moteur de Reporting et on clique sur Next

\$50L Server "Denali" CTP3 Setup Reporting Services Co	nfiguration
Specify the Reporting Services co	nfiguration mode.
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configura Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	 Reporting Services Native Mode Install and configure. Installs and configures the report server in native mode. The report server is operational after setup completes. Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server for native mode. Reporting Services SharePoint Integrated Mode Install only. Install only. Install only. Install only. Install only. Install only. Install Services SharePoint Integrated Mode Install only. Install Service Application of SharePoint Central Administration to complete configuration. Additional steps are required to install a SharePoint product.
	< Back Next > Cancel Help

On définit la règle pour l'envoie des erreurs sur le moteur (cela demande à ce que la machine possède un accès vers Internet). On valide par Next

🏶 SQL Server "Denali" CTP3 Setup	
Error Reporting	
Help Microsoft improve SQL Serve	r features and services.
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Installation Configuration Rules Ready to Install Installation Progress Complete	 Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings. See the Microsoft SQL Server "Denal" CTP3 Privacy Statement for more information. Read more about Microsoft Update and Automatic Update. ✓ Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.
	< Back Next > Cancel Help

L'assistant effectue un test de la machine en rapport avec les options sélectionnées. On peut cliquer sur Next si le résultat est positif

🏶 SQL Server "Denali" CTP3 Setup		
Installation Configurat	ion Rules	
Setup is running rules to determin	e if the installation process will be blocked. For more information, click Help	p.
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements	Operation completed. Passed: 7. Failed 0. Warning 0. Skipped 0. Hide details << <u>View detailed report</u>	Re-run
Server Configuration	Rul Rule	Status
Database Engine Configuration	FAT32 File System	Passed
Analysis Services Configuration	Existing clustered or cluster-prepared instance	Passed
Reporting Services Configuration	Cross language installation	Passed
Error Reporting	Same architecture installation	Passed
Installation Configuration Rul	Reporting Services Catalog Database File Existence	Passed
Installation Progress	Reporting Services Catalog Temporary Database File Existence	Passed
Complete	SQL Server Analysis Services Deployment Mode and Edition Check	Passed
	< Back	Next > Cancel Help

On obtient alors un résumé sur toute la configuration choisie. On valide cette installation en cliquant sur « Install »



L'installation se lance alors avec un temps nécessaire dépendant de votre système

🍀 SQL Server "Denali" CTP3 Setup	
Installation Progress	
Setup Support Rules Setup Role Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Ready to Install Installation Progress Complete	Install_DotNetCore_Cpu64_Action
	Next > Cancel Help

Au bout du compte, vous obtiendrez le résumé de l'installation effectué avec le statut étape par étape. Dans mon cas, il semble que les services NT associés aux différents composants de SQL Server n'ont pas pu démarrer.

Your SQL Server "Denali" CTP	res 3 installation completed with failures.	
etup Support Rules etup Role	Information about the Setup operation or possible nex	kt steps:
eature Selection	Feature	Status
ostallation Rules	Management Tools - Basic	Succeeded
staliation Raios	Reporting Services - Native	Failed
istance Conriguration	Services	Failed
sk Space Requirements	SOL Server Replication	Failed
erver Configuration	Master Data Services	Failed
atabase Engine Configuration	Business Intelligence Development Studio	Succeeded
nalysis Services Configuration	Integration Services	Failed
eporting Services Configuration		
ror Peparting		
	Details:	
istaliation Configuration Rules	Action required:	
eady to Install	Use the following information to resolve the en	ror, uninstall this feature, and then run the setup process
nstallation Progress	again.	
omplete with failures		
	Feature failure reason:	
	An error occurred for a dependency of the feat	ure causing the setup process for the feature to fail.
	Error details:	
	 Error installing SOL Server Database Engine 3 	Services Instance Features
	The convice did not start due to a logon fail	
	Summary log file has been saved to the following loca	ation:
		otstran)1.og/20110803_155135
	C:\Program Files\Microsoft SQL Server\110\Setup Boo	00010010000 100100
	C:\Program Files\Microsoft SQL Server\110\Setup Boo \Summary_CHOT048F_20110803_155135.txt	

Il faut alors fermer cette fenêtre et corriger ce problème de login pour ces services et démarrer ces services.

Outils de gestion de SQL Server DENALI

On trouve l'ensemble des outils de gestion dans le menu Windows

• Start Menu\Programs\Microsoft SQL Server Denali CTP3



SQL Server Configuration Manager

Afin de modifier la configuration des composants, on peut lancer l'outil :

• Start Menu\Programs\Microsoft SQL Server Denali CTP3\Configuration Tools\SQL Server Configuration Manager

🚪 Sql Server Configuration Manager 📃 🔲 🗙							
File Action View Help							
SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration SQL Native Client 11.0 Configuration	Name SQL Server Browser SQL Server Analys SQL Server Integr SQL Server (MSSQ SQL Server Agent SQL Server Agent SQL Server Repor	State Stopped Running Stopped Running Stopped Stopped	Start Mode Other (Boot, System Automatic Automatic Manual Manual Automatic	Log On As NT AUTHORITY\LOCALSERVICE NT Service\MSSQLServerOLAPService NT Service\MsDtsServer110 LocalSystem NT Service\SQLSERVERAGENT NT Service\MSSQLFDLauncher NT Service\ReportServer	Process ID 0 2396 0 3068 0 476 0		
× >	× [Þ		

On peut alors par exemple simplement changer le compte d'exécution des services que l'on souhaite, vers un compte interne (cas de ma machine de test) ou vers un compte de service du domaine

SQL Server Integration 9	Services 11.0 Properties	? ×
Log On Service Advar	nced	
Log on as: Built-in account: Local Service Local System Local Service Network Service Account Name: Password:	NT Service\MsDtsServer'	Browse
Confirm password:		
Service status:	Stopped Stop Pause	Restart
OK	Cancel Apply	Help

On peut alors démarrer le service.

SQL Server Management Studio

Il s'agit de l'outil de gestion de SQL Server qui est basé sur Visual Studio .NET et dans cette version DENALI, le client est basé sur Visual Studio 2010



En termes d'usage, il ne change pas vraiment de la version depuis SQL Server 2005, même si de très nombreuses nouvelles fonctionnalités sont disponibles dans cette nouvelle version.



Je vous invite à consulter les différentes documentations pour découvrir ces nouveautés.

Conclusion

Cette documentation a pour but de fournir dans un seul document l'ensemble de la procédure afin de pouvoir rapidement tester les fonctionnalités disponible et de ne pas perdre de temps dans cette phase d'installation.

Liens annexes

- Installation de SQL Server Denali CTP3 Christophe Laporte
- <u>Denali Comptes de service</u> Christophe Laporte
- Installation for SQL Server 'Denali' MSDN
- Video : Install SQL Server Denali Setup (Install SQL Server 2011)
- SQL Server v.Next (Denali) : CTP3 Installation Walk-Through

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