



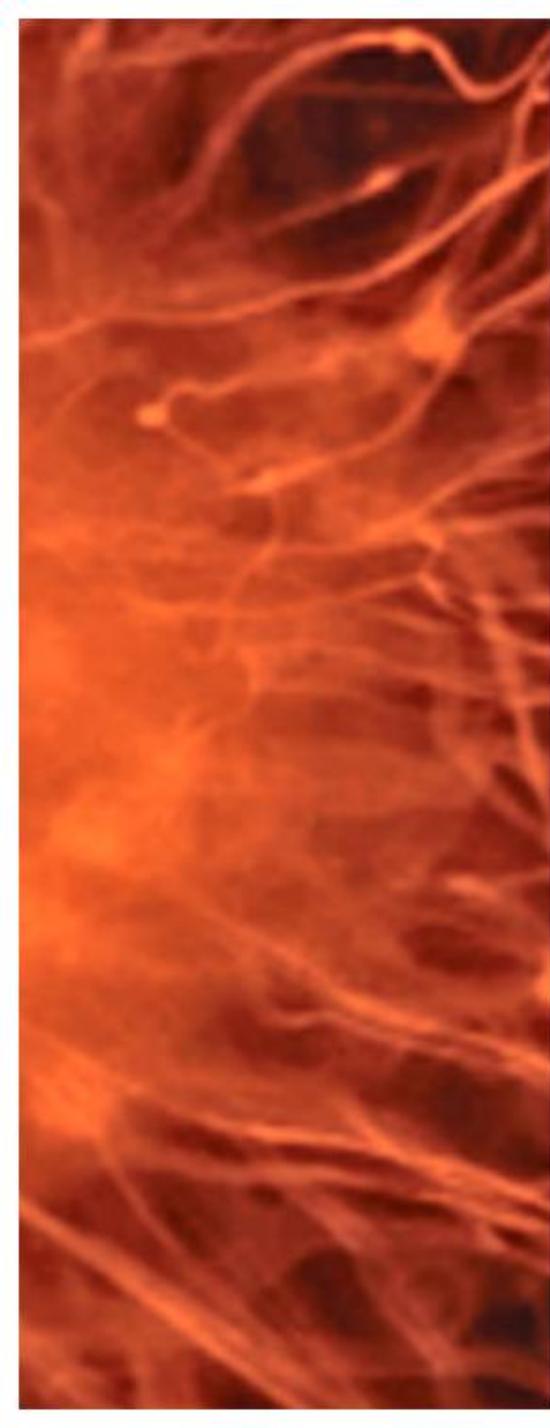
Instalación

Microsoft SQL Server R2
CU9



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SQL Server 2008 R2

- Para los productos de System Center 2012 es necesario contar con un servidor de Microsoft SQL Server en esta presentación veremos la instalación del producto aplica para toda la suite.
- Requerimientos:
 - Equipo Virtual (VM)
 - Windows 2008 R2, Servidor Miembro.
 - ISO SQL 2008 R2.
 - Cuenta en Dominio (servicio SQL)



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Ingresamos al equipo donde se instalara SQL Server

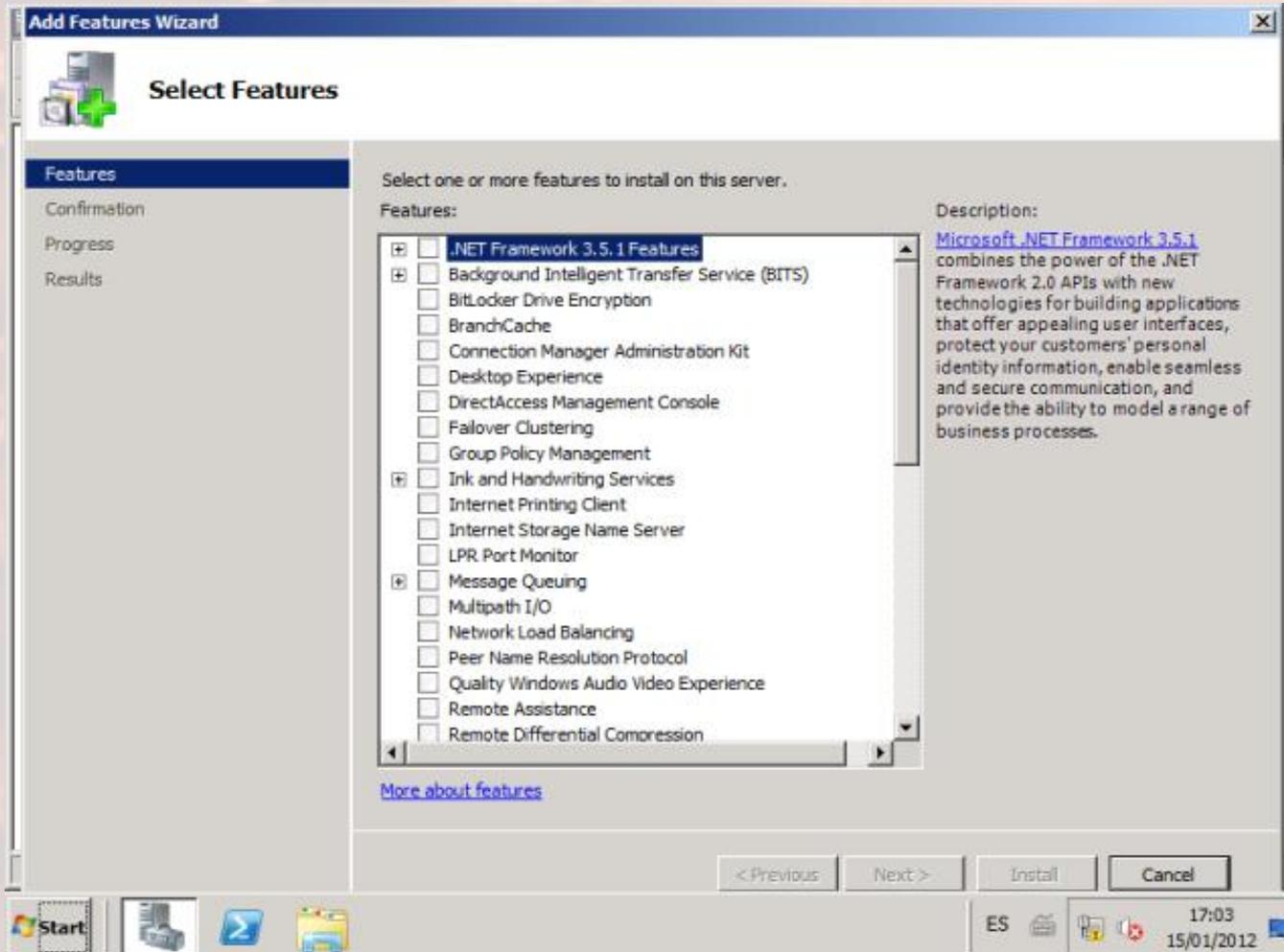




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Desde Server Manager -> Features -> Add Features -> -NET Framework 3.5.1 Features





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Seleccionar -> Add Required Role Services



Aceptar todos los valores por defecto e instalar el servicio



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Luego de agregar la Feature, comenzamos la instalación de SQL, seleccionamos **New instalaction or add features to an existing installation**

SQL Server Installation Center

- Planning
- Installation**
- Maintenance
- Tools
- Resources
- Advanced
- Options

-  [New installation or add features to an existing installation.](#)
Launch a wizard to install SQL Server 2008 R2 in a non-clustered environment or to add features to an existing SQL Server 2008 R2 instance.
-  [New SQL Server failover cluster installation](#)
Launch a wizard to install a single-node SQL Server 2008 R2 failover cluster.
-  [Add node to a SQL Server failover cluster](#)
Launch a wizard to add a node to an existing SQL Server 2008 R2 failover cluster.
-  [Upgrade from SQL Server 2000, SQL Server 2005 or SQL Server 2008](#)
Launch a wizard to upgrade SQL Server 2000, SQL Server 2005 or SQL Server 2008 to SQL Server 2008 R2.
-  [Search for product updates](#)
Search Microsoft Update for SQL Server 2008 R2 product updates.



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Seleccionamos → Ok

SQL Server 2008 R2 Setup

Setup Support Rules

Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.

Setup Support Rules

Operation completed. Passed: 7. Failed 0. Warning 0. Skipped 0.

Hide details << Re-run

[View detailed report](#)

Rul	Rule	Status
✓	Minimum operating system version	Passed
✓	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

OK Cancel



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Confirmamos los datos de SQL -> Next

SQL Server 2008 R2 Setup

Product Key

Specify the edition of SQL Server 2008 R2 to install.

Product Key
License Terms
Setup Support Files

Validate this instance of SQL Server 2008 R2 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

Enter the product key:

< Back **Next >** Cancel

Start | [Taskbar icons] | ES | [System tray icons] | 17:20 15/01/2012



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Aceptamos la licencia -> Next

SQL Server 2008 R2 Setup

License Terms

To install SQL Server 2008 R2, you must accept the Microsoft Software License Terms.

Product Key
License Terms
Setup Support Files

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT SQL SERVER 2008 R2 STANDARD

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 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

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.

[See the Microsoft SQL Server 2008 R2 Privacy Statement for more information.](#)

Copy Print

< Back **Next >** Cancel

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Seleccionamos -> Install

SQL Server 2008 R2 Setup

Setup Support Files

Click Install to install Setup Support files. To install or update SQL Server 2008 R2, these files are required.

Product Key
License Terms
Setup Support Files

The following components are required for SQL Server Setup:

Feature Name	Status
Setup Support Files	

< Back **Install** Cancel

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Seleccionamos -> Next (ignoramos los warnings)

Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before setup can continue.

Operation completed. Passed: 9. Failed 0. Warning 2. Skipped 0.

Hide details << Re-run

[View detailed report](#)

Rul	Rule	Status
✓	Fusion Active Template Library (ATL)	Passed
✓	Unsupported SQL Server products	Passed
✓	Performance counter registry hive consistency	Passed
✓	Previous releases of SQL Server 2008 Business Intelligence Develop...	Passed
✓	Previous CTP installation	Passed
✓	Consistency validation for SQL Server registry keys	Passed
✓	Computer domain controller	Passed
⚠	Microsoft .NET Application Security	Warning
✓	Edition WOW64 platform	Passed
✓	Windows PowerShell	Passed
⚠	Windows Firewall	Warning

< Back **Next >** Cancel Help

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Seleccionamos -> Next

SQL Server 2008 R2 Setup

Setup Role

Click the SQL Server Feature Installation option to individually select which feature components to install, or click a feature role to install a specific configuration.

Setup Support Rules	<input checked="" type="radio"/> SQL Server Feature Installation Install SQL Server Database Engine Services, Analysis Services, Reporting Services, Integration Services, and other features.
Setup Role	<input type="radio"/> All Features With Defaults Install all features using default values for the service accounts.
Feature Selection	
Installation Rules	
Disk Space Requirements	
Error Reporting	
Installation Configuration Rules	
Ready to Install	
Installation Progress	
Complete	

< Back **Next >** Cancel Help

Start | [Taskbar icons] | ES | [System tray icons] | 17:35 15/01/2012



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Seleccionamos las siguientes características -> Next

SQL Server 2008 R2 Setup

Feature Selection

Select the Standard features to install.

Setup Support Rules	Features:	Description:
Setup Role	Instance Features	Server features are instance-aware and have their own registry hives. They support multiple instances on a computer.
Feature Selection	<input checked="" type="checkbox"/> Database Engine Services <input type="checkbox"/> SQL Server Replication <input checked="" type="checkbox"/> Full-Text Search <input type="checkbox"/> Analysis Services <input checked="" type="checkbox"/> Reporting Services	
Installation Rules	Shared Features	
Instance Configuration	<input type="checkbox"/> Business Intelligence Development Studio	
Disk Space Requirements	<input type="checkbox"/> Client Tools Connectivity	
Server Configuration	<input type="checkbox"/> Integration Services	
Database Engine Configuration	<input type="checkbox"/> Client Tools Backwards Compatibility	
Reporting Services Configuration	<input type="checkbox"/> Client Tools SDK	
Error Reporting	<input type="checkbox"/> SQL Server Books Online	
Installation Configuration Rules	<input checked="" type="checkbox"/> Management Tools - Basic	
Ready to Install	<input checked="" type="checkbox"/> Management Tools - Complete	
Installation Progress	<input type="checkbox"/> SQL Client Connectivity SDK	
Complete	<input type="checkbox"/> Microsoft Sync Framework	

Select All Unselect All

Shared feature directory: C:\Program Files\Microsoft SQL Server\ ...

Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL Server\ ...

< Back **Next >** Cancel Help

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Seleccionamos -> Next

SQL Server 2008 R2 Setup

Installation Rules

Setup is running rules to determine 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
Database Engine Configuration
Reporting Services Configuration
Error Reporting
Installation Configuration Rules
Ready to Install
Installation Progress
Complete

Operation completed. Passed: 6. Failed 0. Warning 0. Skipped 18.

Hide details << Re-run

[View detailed report](#)

Rul	Rule	Status
✓	SQL Server 2005 Express tools	Passed
✓	Operating system supported for edition	Passed
✓	Previous releases of Microsoft Visual Studio 2008	Passed
✓	SharePoint .NET Framework Supported Check	Not applicable
✓	Operating system requirement for SQL Server PowerPivot for Share...	Not applicable
✓	User account requirement for Farm administrator	Not applicable
✓	Internet Information Services version	Not applicable
✓	64-bit processor	Not applicable
✓	Single instance requirement	Not applicable
✓	64-bit operating system	Not applicable
✓	SharePoint configuration and upgrade check for existing farm	Not applicable

< Back **Next >** Cancel Help

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Configuramos nuestra instancia (SCOM2012) -> Next

SQL Server 2008 R2 Setup

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

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

Default instance

Named instance:

Instance ID:

Instance root directory: ...

SQL Server directory: D:\SCOM2012\MSSQL10_50.SCOM2012

Reporting Services directory: D:\SCOM2012\MRSR10_50.SCOM2012

Installed instances:

Instance Name	Instance ID	Features	Edition	Version
---------------	-------------	----------	---------	---------

< Back **Next >** Cancel Help

Start



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Seleccionamos -> Next

SQL Server 2008 R2 Setup

Disk Space Requirements

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
Reporting Services Configuration
Error Reporting
Installation Configuration Rules
Ready to Install
Installation Progress
Complete

Disk Usage Summary:

- ✓ Drive C: 2703 MB required, 28763 MB available
 - System Drive (C:): 1874 MB required
 - Shared Install Directory (C:\Program Files\Microsoft SQL Server\): 829 MB required
- ✓ Drive D: 1297 MB required, 61345 MB available
 - Instance Directory (D:\\$COM2012): 1297 MB required

< Back **Next >** Cancel Help

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Seleccionamos -> Use the same account for all SQL Server Services

SQL Server 2008 R2 Setup

Server Configuration

Specify the service accounts and collation configuration.

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

Service Accounts | Collation

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Agent			Manual
SQL Server Database Engine			Automatic
SQL Server Reporting Services			Automatic
SQL Full-text Filter Daemon Launcher	NT AUTHORITY\LOCAL ...		Manual
SQL Server Browser	NT AUTHORITY\LOCAL ...		Automatic

Use the same account for all SQL Server services

< Back Next > Cancel Help

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Validamos la cuenta de Servicio → Ok

Use the same account for all SQL Server 2008 R2 services

Specify a user name and password for all SQL Server service accounts.

Account Name:

Password:

Seleccionamos la solapa → Collation

SQL Server 2008 R2 Setup

Server Configuration

Specify the service accounts and collation configuration.

Setup Support Rules
Setup Role
Feature Selection
Installation Rules
Instance Configuration
Disk Space Requirements

Service Accounts **Collation**

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	St
SQL Server Agent	ITSANCHEZ\sql	*****	Ma
SQL Server Database Engine	ITSANCHEZ\sql	*****	Au



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Seleccionar Customize... → Configurar SQL_Latin1_General_CP1_CI_AS (única soportada por SCOM 2012)

Service Accounts Collation

Database Engine:

SQL_Latin1_General_CP1_CI_AS Customize...

Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for non-Unicode Data

Seleccionamos → Next

< Back Next > Cancel Help

PASO IMPORTANTE SIN SELECCIONAR COLLATION NO ES POSIBLE INSTALAR SCOM 2012
En OTROS PRODUCTOS DE LA SUITE NO ES NECESARIO UTILIZAR ESTA CONFIGURACION



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Seleccionamos las cuentas con permisos de administrador -> Next

SQL Server 2008 R2 Setup

Database Engine Configuration

Specify Database Engine authentication 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**
- Reporting Services Configuration
- Error Reporting
- Installation Configuration Rules
- Ready to Install
- Installation Progress
- Complete

Account Provisioning | 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:

Confirm password:

Specify SQL Server administrators

SCOM\Administrator (Administrator)	SQL Server administrators have unrestricted access to the Database Engine.
ITSANCHEZ\Domain Admins (Domain Admins)	

Add Current User | Add... | Remove

< Back | **Next >** | Cancel | Help

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Seleccionamos -> Next

SQL Server 2008 R2 Setup

Reporting Services Configuration

Specify the Reporting Services configuration mode.

Setup Support Rules	<input checked="" type="radio"/> Install the native mode default configuration.
Setup Role	
Feature Selection	Setup will install the report server and configure it in Native mode to use the default values. The report server is usable as soon as Setup is finished.
Installation Rules	<input type="radio"/> Install the SharePoint integrated mode default configuration.
Instance Configuration	Setup will create the report server database in SharePoint integrated mode and configure the report server to use the default values. However, integrated operations will not be supported until a minimal installation of a SharePoint product or technology is deployed on the report server computer and the Reporting Services Add-in for SharePoint Technologies is installed and configured on the instance of the SharePoint product or technology you are using.
Disk Space Requirements	<input type="radio"/> Install, but do not configure the report server.
Server Configuration	Setup will install, but will not configure, the report server software. After installation is finished, you can use the Reporting Services Configuration tool to set options that are required to run the report server.
Database Engine Configuration	
Reporting Services Configuration	
Error Reporting	
Installation Configuration Rules	
Ready to Install	
Installation Progress	
Complete	

< Back **Next >** Cancel Help

Start



ES



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Seleccionamos -> Next

SQL Server 2008 R2 Setup

Error Reporting

Help Microsoft improve SQL Server features and services.

- 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

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 may provide updates through 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 2008 R2 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

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Seleccionamos -> Next

SQL Server 2008 R2 Setup

Installation Configuration Rules

Setup is running rules to determine 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
Database Engine Configuration
Reporting Services Configuration
Error Reporting
Installation Configuration Rules
Ready to Install
Installation Progress
Complete

Operation completed. Passed: 6. Failed 0. Warning 0. Skipped 2.

Hide details << Re-run

[View detailed report](#)

Rul	Rule	Status
✓	FAT32 File System	Passed
✓	Instance name	Not applicable
✓	SQL Server 2000 Analysis Services (64-bit) install action	Not applicable
✓	Existing clustered or cluster-prepared instance	Passed
✓	Cross language installation	Passed
✓	Same architecture installation	Passed
✓	Reporting Services Catalog Database File Existence	Passed
✓	Reporting Services Catalog Temporary Database File Existence	Passed

< Back **Next >** Cancel Help



ES 18:22
15/01/2012



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Seleccionamos -> Install

SQL Server 2008 R2 Setup

Ready to Install

Verify the SQL Server 2008 R2 features to be installed.

- 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

Ready to install SQL Server 2008 R2:

- [-] Summary
 - Edition: Standard
 - Action: Install
 - [-] General Configuration
 - [-] Features
 - Database Engine Services
 - Full-Text Search
 - Reporting Services
 - Management Tools - Basic
 - Management Tools - Complete
 - [-] Instance configuration
 - Instance Name: SCOM2012
 - Instance ID: SCOM2012
 - [-] Instance IDs
 - SQL Database Engine: MSSQL10_50.SC0M2012
 - Reporting Services: MSRS10_50.SC0M2012
 - Instance Directory: D:\SCOM2012
 - [-] Shared component root directory
 - Shared feature directory: C:\Program Files\Microsoft SQL Server\
 - Shared feature (WOW64) directory: C:\Program Files (x86)\Microsoft SQL Server\

Configuration file path:
C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20120115_171722\ConfigurationFile.ini

< Back **Install** Cancel Help

Start | [Taskbar icons] | ES | [System tray icons] | 18:33 | 15/01/2012



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Seleccionamos -> Close -> Cerramos en instalador de SQL Server

SQL Server 2008 R2 Setup

Complete

Your SQL Server 2008 R2 installation completed successfully.

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

Summary log file has been saved to the following location:
C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20120115_171722\SUMMARY_SCOM_20120115_171722.txt

Information about the Setup operation or possible next steps:

✓ Your SQL Server 2008 R2 installation completed successfully.

Supplemental Information:

The following notes apply to this release of SQL Server only.

Microsoft Update

For information about how to use Microsoft Update to identify updates for SQL Server 2008 R2, see the Microsoft Update Web site at <http://go.microsoft.com/fwlink/?LinkId=108409>.

Samples

By default, sample databases and sample code are not installed as part of SQL Server Setup. To install sample

Close Help

Start | [Icons] | ES | [Icons] | 19:08 15/01/2012



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Debemos instalar SQL 2008 R2 CU 9, se descarga desde

<http://support.microsoft.com/kb/2567713> (registrarse y llegaran los pasos por mail)

Install a SQL Server 2008 R2 update

SQL Server 2008 R2 update

Welcome to the SQL Server 2008 R2 update. This installation provides updates for SQL Server 2008 R2.

SQL Server 2008 R2 update

- License Terms
- Select Features
- Check Files In Use
- Ready to update
- Update Progress
- Complete

Operation completed. Passed: 7. Failed 0. Warning 0. Skipped 1.

Hide details << Re-run

[View detailed report](#)

Rule	Status
Minimum operating system version	Passed
Setup administrator	Passed
Restart computer	Passed
Windows Management Instrumentation (WMI) service	Passed
Consistency validation for SQL Server registry keys	Passed
Not clustered or the cluster service is up and online.	Passed
Cluster group owned by local computer	Passed
Cluster Resource DLL Update Restart Check	Not applicable

For more information on this update, see the following Microsoft knowledge based article:
<http://support.microsoft.com/?kbid=2567713>

< Back Next > Cancel Help

Windows taskbar: Start, ES, 20:01, 15/01/2012

Seguir el asistente con los valores predeterminados para instalar la actualización