

## Como Instalar y Configurar WLB en XenServer 5.6

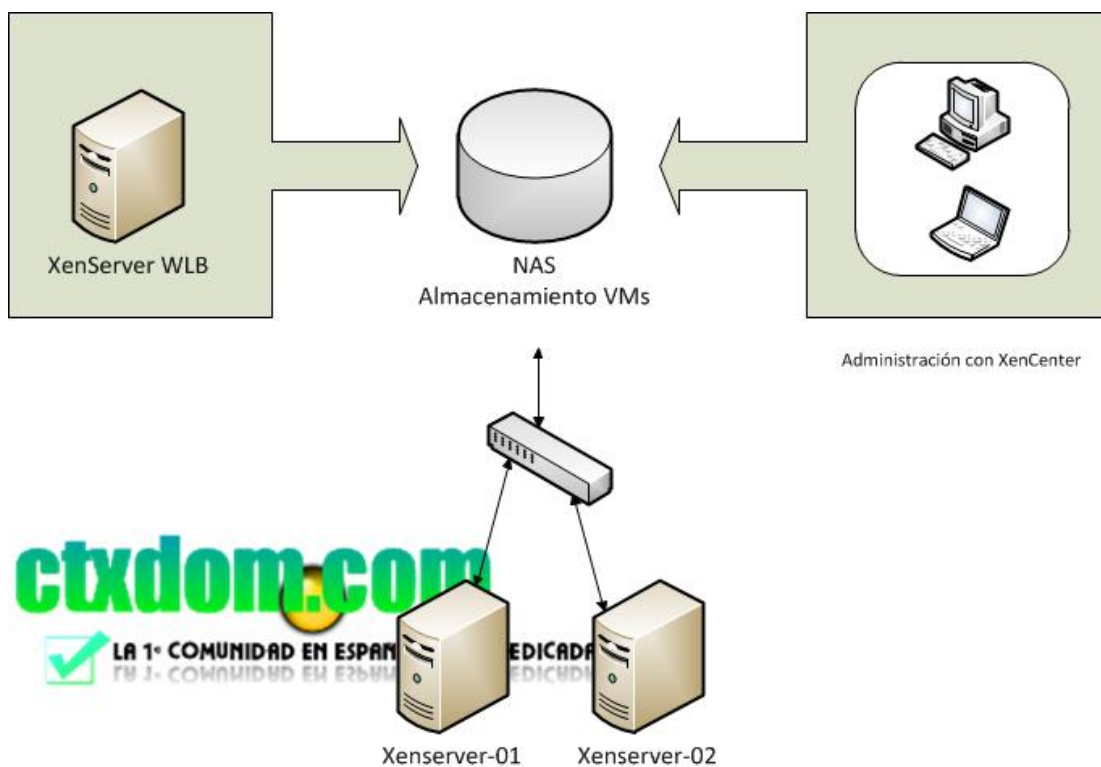
Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

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En esta ocasión mostramos un nuevo procedimiento enfocado a XenServer 5.6, especificando como realizar la instalación y configuración de Work Load Balancing (WLB), esta opción únicamente está disponible en las versiones Enterprise y Platinum de XenServer, recordad además de que XenServer 5.6 dispone de una versión algo más reducida con HA integrada siendo la versión Advanced.

Para iniciar explicaremos inicialmente la arquitectura que hemos utilizado,



En nuestro caso hemos realizado la instalación de dos XenServer 5.6 Platinum edition, conectados a una NAS vía NFS, para realizar la configuración de WLB, hemos realizado la instalación de una nueva VM en el Pool de servidores con el nombre xenserverwlb (puede ser cualquier otro), WLB no es necesario que dicho server esté integrado en nuestro AD si no deseamos, y lo hemos implementado de forma totalmente independiente y aislado de nuestro AD, para permitir la carga automática de la misma en caso de reinicio de cualquiera de los dos servidores o de ambos, además de implementar la funcionalidad de HA.

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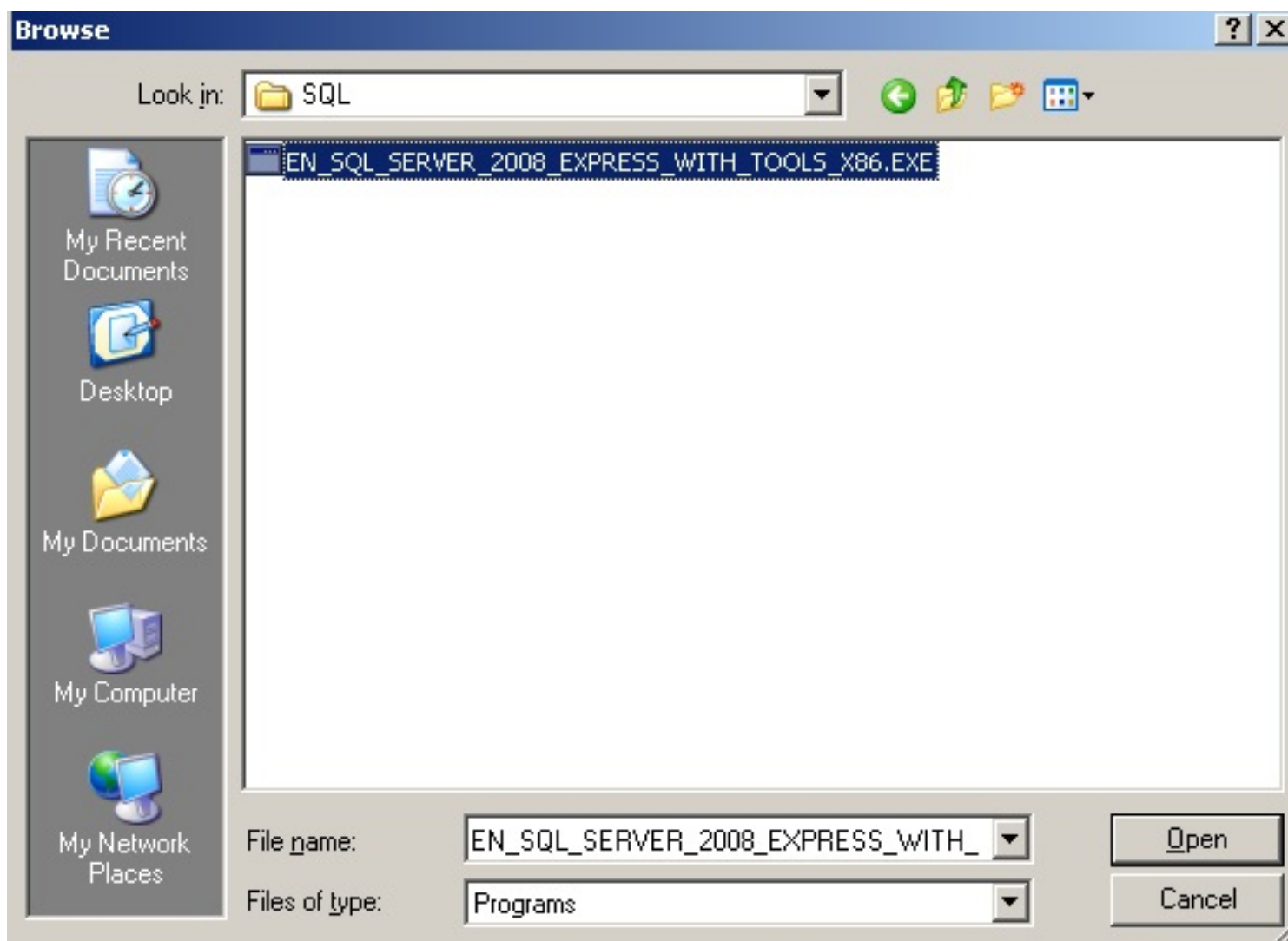
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Una vez instalado dicho sistema operativo en dicha VM, en nuestro caso un Windows 2003 R2 con SP2, hemos realizado la instalación de los siguientes elementos:

- .NET 3.5
- Windows Installer 4.5
- PowerShell 1.x
- SQL Express 2008 contenido en el CD de instalación de WLB

En este procedimiento no comentaremos la instalación de .NET 3.5 ni de Windows Installer 4.5, por tratarse básicamente de un procedimiento del tipo "Next...Next...Next... reboot", pasando directamente al proceso de instalación de SQL Express 2008 y su configuración para poder ser posteriormente manejado por los servicios de WLB.



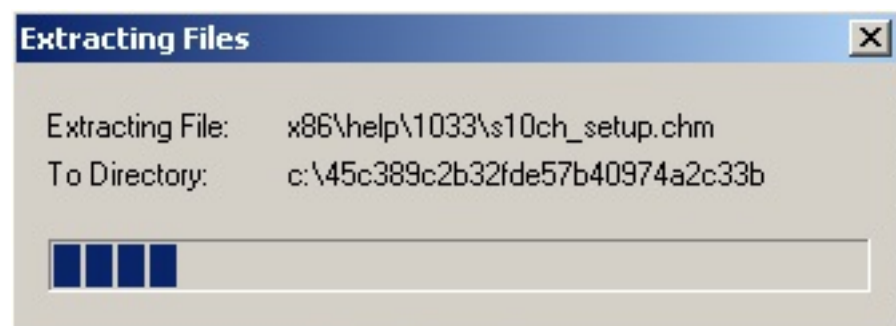
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Ejecutaremos el fichero contenido en el CD de WLB, iniciándose el proceso de instalación de ORACLE 2008 Express,



Iniciándose el proceso de descarga y de extracción de ficheros, posteriormente a ello se iniciará el proceso de carga de SQL 2008 Express,

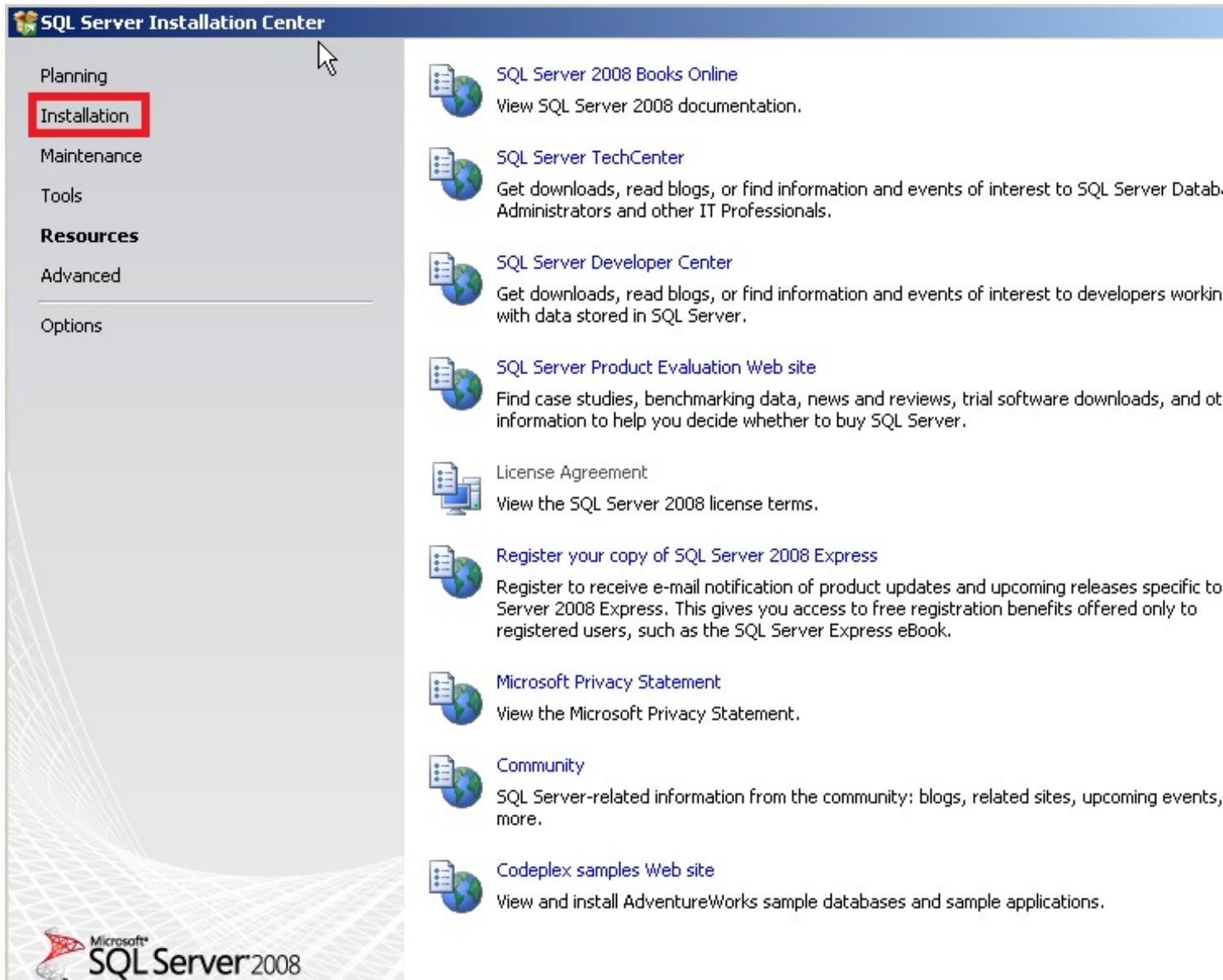


Arrancando posteriormente la consola administrativa,

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**SQL Server Installation Center**

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

- [SQL Server 2008 Books Online](#)  
View SQL Server 2008 documentation.
- [SQL Server TechCenter](#)  
Get downloads, read blogs, or find information and events of interest to SQL Server Database Administrators and other IT Professionals.
- [SQL Server Developer Center](#)  
Get downloads, read blogs, or find information and events of interest to developers working with data stored in SQL Server.
- [SQL Server Product Evaluation Web site](#)  
Find case studies, benchmarking data, news and reviews, trial software downloads, and other information to help you decide whether to buy SQL Server.
- [License Agreement](#)  
View the SQL Server 2008 license terms.
- [Register your copy of SQL Server 2008 Express](#)  
Register to receive e-mail notification of product updates and upcoming releases specific to SQL Server 2008 Express. This gives you access to free registration benefits offered only to registered users, such as the SQL Server Express eBook.
- [Microsoft Privacy Statement](#)  
View the Microsoft Privacy Statement.
- [Community](#)  
SQL Server-related information from the community: blogs, related sites, upcoming events, and more.
- [Codeplex samples Web site](#)  
View and install AdventureWorks sample databases and sample applications.

Microsoft  
**SQL Server 2008**

Pulsando a continuación sobre "Installation",

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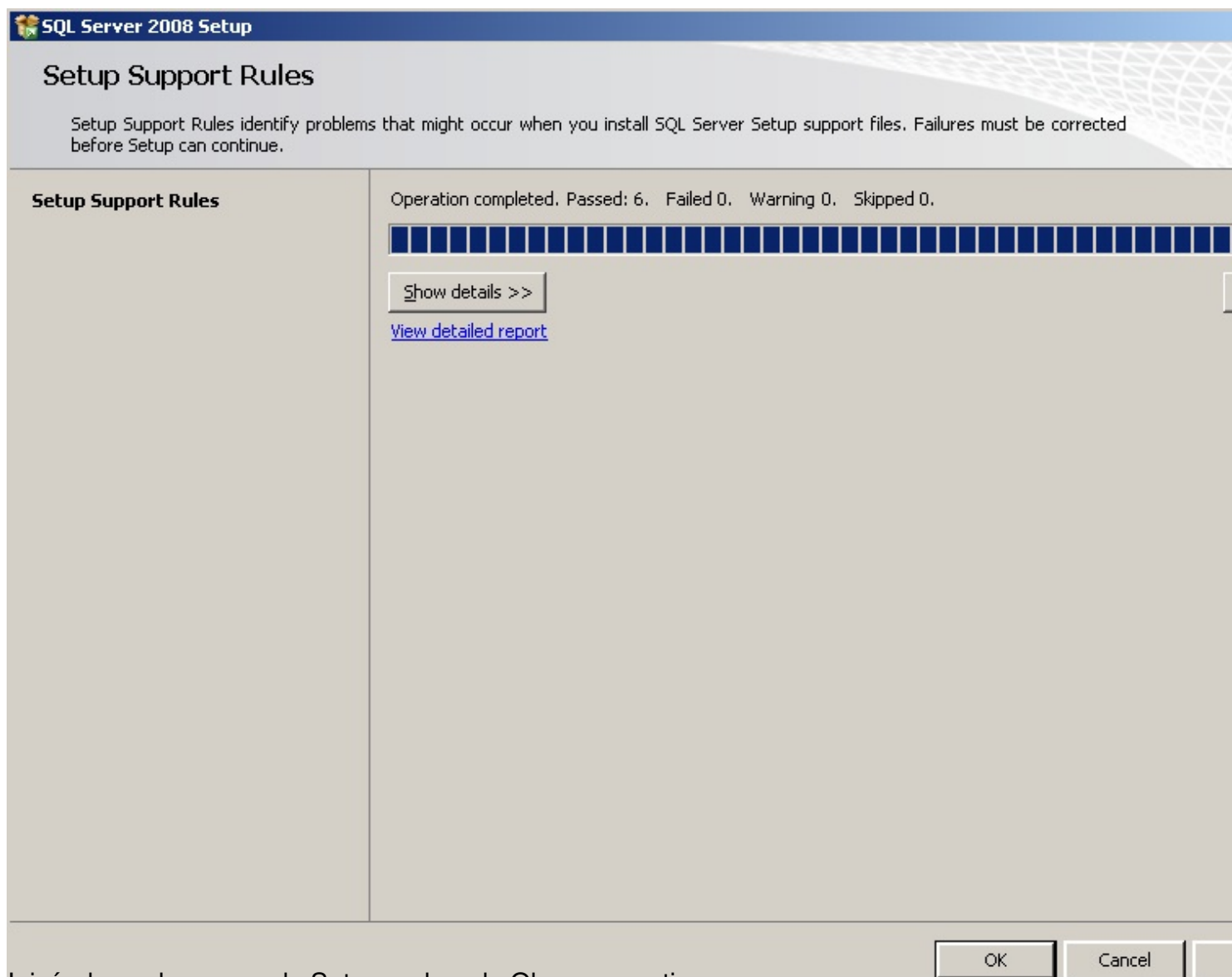
Pulsaremos sobre "New SQL Server stand-alone installation or add.....",

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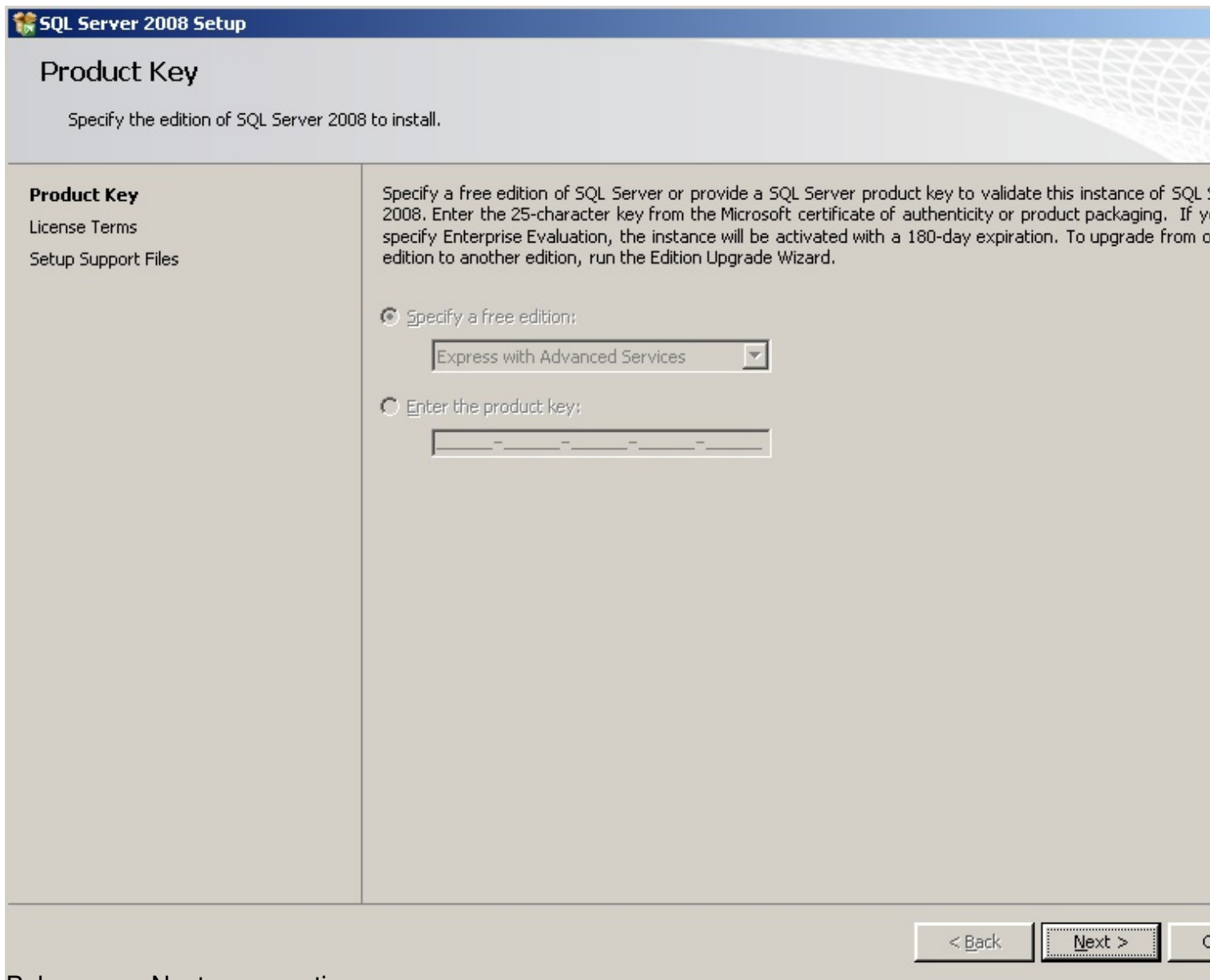
Iniciándose el proceso de Setup, pulsando Ok, para continuar,

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The screenshot shows the 'Product Key' step of the SQL Server 2008 Setup wizard. The window has a blue header bar with the 'SQL Server 2008 Setup' logo. Below the header, the title 'Product Key' is displayed in a large font, followed by the instruction 'Specify the edition of SQL Server 2008 to install.' The main area is divided into two panes. The left pane contains a sidebar with the following links: 'Product Key' (highlighted), 'License Terms', and 'Setup Support Files'. The right pane contains the following text: 'Specify a free edition of SQL Server or provide a SQL Server product key to validate this instance of SQL Server 2008. Enter the 25-character key from the Microsoft certificate of authenticity or product packaging. If you specify Enterprise Evaluation, the instance will be activated with a 180-day expiration. To upgrade from one edition to another edition, run the Edition Upgrade Wizard.' Below this text are two radio button options. The first option, 'Specify a free edition:', is selected and has a dropdown menu showing 'Express with Advanced Services'. The second option, 'Enter the product key:', is unselected and has a text input field with a placeholder for a 25-character key. At the bottom right of the window, there are three buttons: '< Back', 'Next >' (which is highlighted with a dashed border), and a partially visible 'Cancel' button.

**SQL Server 2008 Setup**

### Product Key

Specify the edition of SQL Server 2008 to install.

**Product Key**  
License Terms  
Setup Support Files

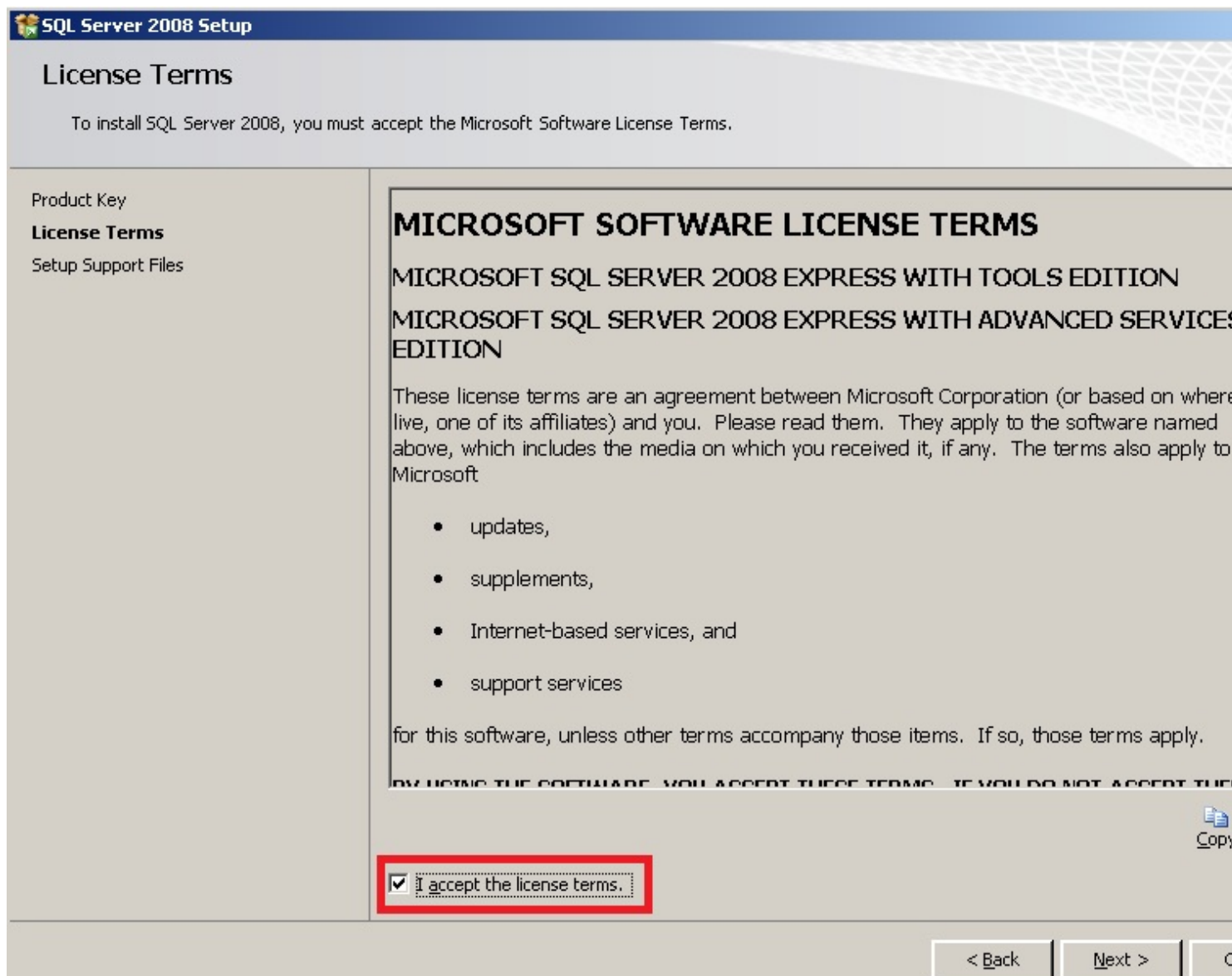
Specify a free edition of SQL Server or provide a SQL Server product key to validate this instance of SQL Server 2008. Enter the 25-character key from the Microsoft certificate of authenticity or product packaging. If you specify Enterprise Evaluation, the instance will be activated with a 180-day expiration. To upgrade from one edition to another edition, run the Edition Upgrade Wizard.

☒ Specify a free edition:  
Express with Advanced Services

☐ Enter the product key:  
\_\_\_\_\_

< Back   Next >   Cancel

Pulsaremos Next para continuar,



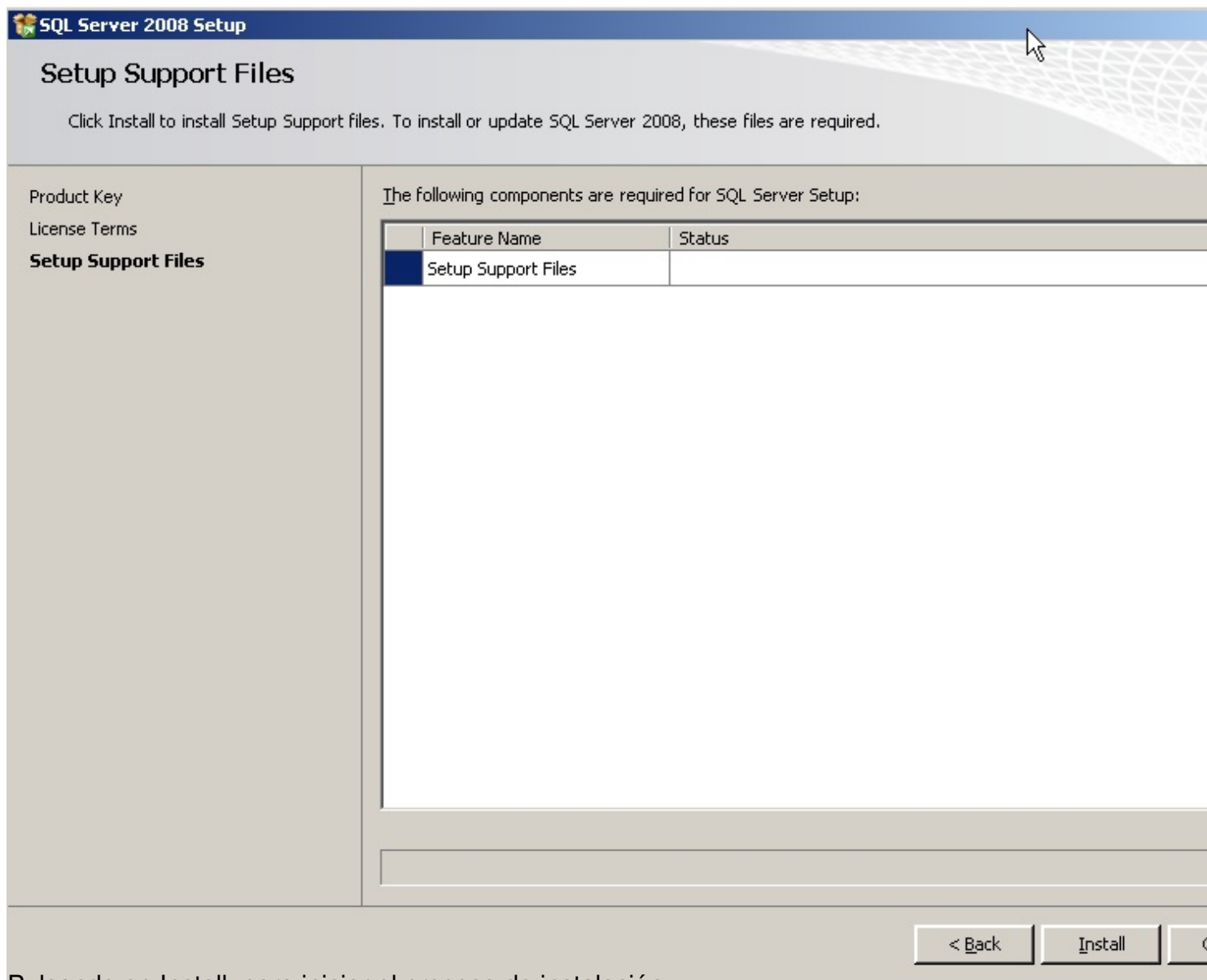
Aceptaremos los términos de licencia y pulsaremos Next, para continuar,



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Pulsando en Install, para iniciar el proceso de instalación,

## Como Instalar y Configurar WLB en XenServer 5.6

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### 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

Feature Selection  
Disk Space Requirements  
Error and Usage Reporting  
Installation Rules  
Ready to Install  
Installation Progress  
Complete

Operation completed. Passed: 9. Failed 1. Warning 0. Skipped 1.

Hide details <<

[View detailed report](#)

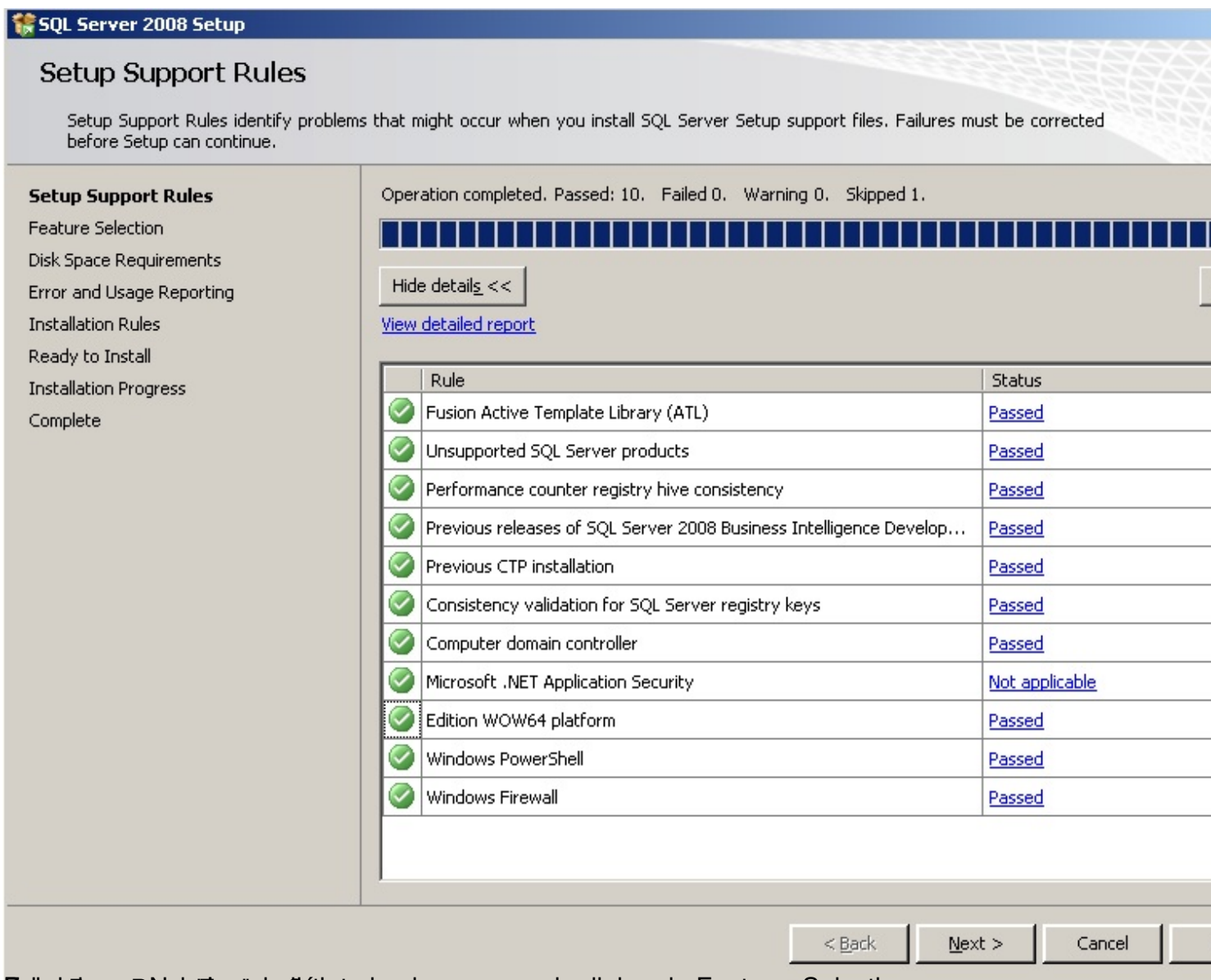
	Rule	Status
✓	Fusion Active Template Library (ATL)	<a href="#">Passed</a>
✓	Unsupported SQL Server products	<a href="#">Passed</a>
✓	Performance counter registry hive consistency	<a href="#">Passed</a>
✓	Previous releases of SQL Server 2008 Business Intelligence Develop...	<a href="#">Passed</a>
✓	Previous CTP installation	<a href="#">Passed</a>
✓	Consistency validation for SQL Server registry keys	<a href="#">Passed</a>
✓	Computer domain controller	<a href="#">Passed</a>
✓	Microsoft .NET Application Security	<a href="#">Not applicable</a>
✓	Edition WOW64 platform	<a href="#">Passed</a>
✗	Windows PowerShell	<a href="#">Failed</a>
✓	Windows Firewall	<a href="#">Passed</a>

Entonces, para poder instalar PowerShell en el servidor, vamos a instalarlo en el host y

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Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



En la imagen de la izquierda, al hacer clic en el botón "Back" se muestra la siguiente imagen, cuando aparece la dialog de Featrure Selection,

## Como Instalar y Configurar WLB en XenServer 5.6

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

The screenshot shows the 'SQL Server 2008 Setup' window, specifically the 'Feature Selection' step. The window has a blue header bar with the Microsoft logo and the text 'SQL Server 2008 Setup'. Below the header, the title 'Feature Selection' is displayed. A subtitle reads: 'Select the Express with Advanced Services features to install. For clustered installations, only Database Engine Services and Analysis Services can be clustered.'

On the left side, there is a vertical list of setup steps: 'Setup Support Rules', 'Feature Selection' (highlighted), 'Instance Configuration', 'Disk Space Requirements', 'Server Configuration', 'Database Engine Configuration', 'Error and Usage Reporting', 'Installation Rules', 'Ready to Install', 'Installation Progress', and 'Complete'.

The main area is divided into three columns: 'Features:', 'Description:', and a description text area. Under 'Features:', there are three sections: 'Instance Features' with 'Database Engine Services' (checked) and 'SQL Server Replication' (unchecked); 'Shared Features' with 'Management Tools - Basic' (checked) and 'SQL Client Connectivity SDK' (unchecked); and 'Redistributable Features' (empty). The 'Description:' column contains the text: 'Includes Management Studio support for the Database Engine and SQL Server Express, SQL Server command-line utilities (SQLCMD), and the SQL Server PowerTools provider.'

At the bottom of the feature list, there are two buttons: 'Select All' and 'Unselect All'. Below these is a text box labeled 'Shared feature directory:' containing the path 'C:\Program Files\Microsoft SQL Server\'. At the very bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Pulsando Next, para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

SQL Server 2008 Setup

### Instance Configuration

Specify the name and instance ID for the SQL Server instance.

Setup Support Rules  
Feature Selection  
**Instance Configuration**  
Disk Space Requirements  
Server Configuration  
Database Engine Configuration  
Error and Usage Reporting  
Installation Rules  
Ready to Install  
Installation Progress  
Complete

☐ Default instance  
☒ Named instance:

Instance ID:

Instance root directory:

SQL Server directory:

Installed instances:

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

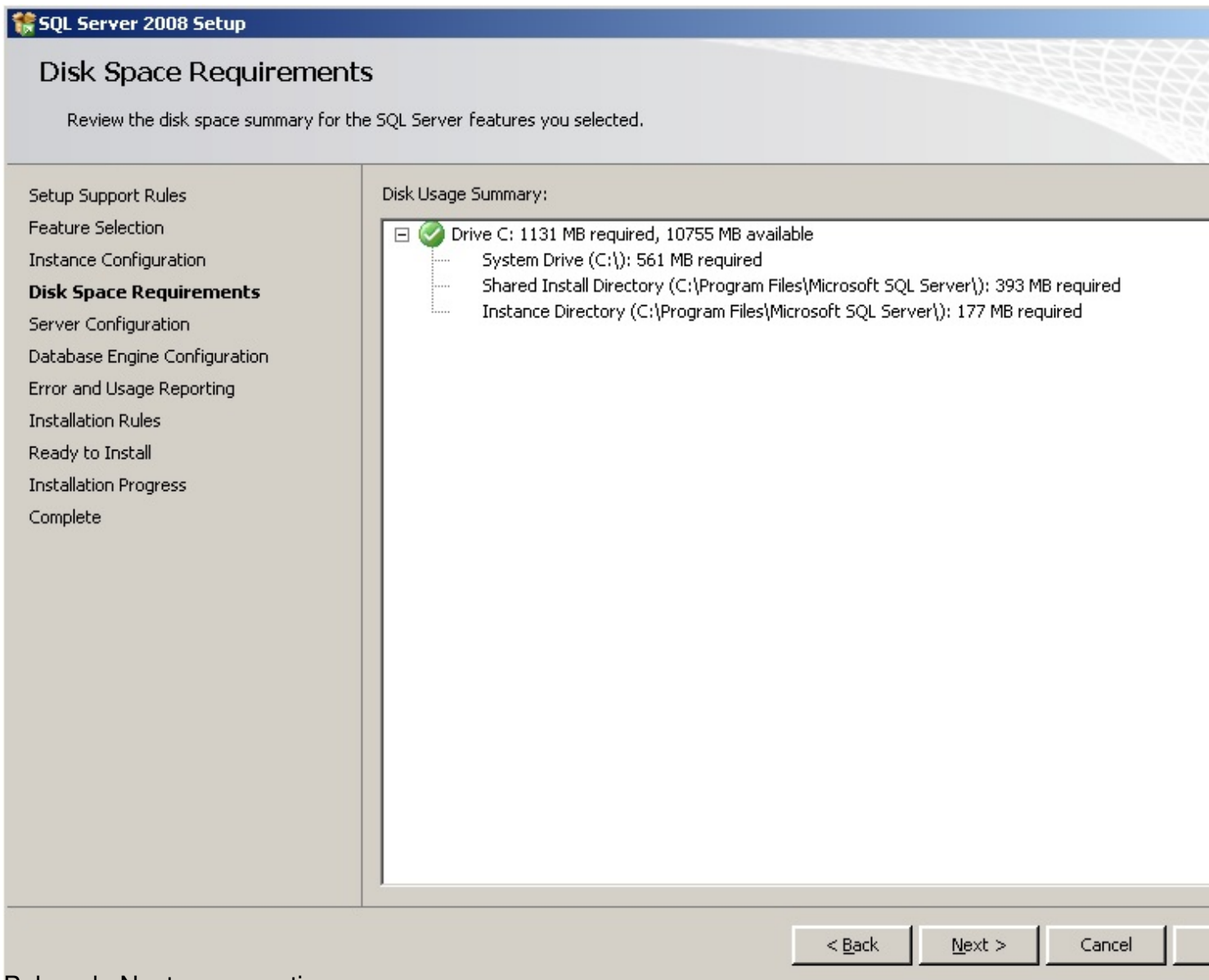
< Back   Next >   Cancel

Espectáculo de magia y trucos en directo en el teatro de la Alameda de Sevilla, el 20 de mayo

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Escrito por xavisan

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Pulsando Next, para continuar,

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

**SQL Server 2008 Setup**

### Server Configuration

Specify the configuration.

- Setup Support Rules
- Feature Selection
- Instance Configuration
- Disk Space Requirements
- Server Configuration**
- Database Engine Configuration
- Error and Usage Reporting
- Installation 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 Database Engine			Automatic

[Use the same account for all SQL Server services](#)

These services will be configured automatically where possible to use a low privilege account. On some older Windows versions the user will need to specify a low privilege account. For more information, see Help.

Service	Account Name	Password	Startup Type
SQL Server Browser	NT AUTHORITY\LOCAL S...		Disabled

< Back   Next >   Cancel

Seleccionaremos en la primera de las opciones una cuenta de Network, pulsando Next para

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

The screenshot shows the 'SQL Server 2008 Setup' window, specifically the 'Database Engine Configuration' step. The left sidebar lists various setup steps, with 'Database Engine Configuration' highlighted. The main area is titled 'Specify Database Engine authentication security mode, administrators and data directories.' It features three tabs: 'Account Provisioning' (selected), 'Data Directories', and 'FILESTREAM'. Under 'Account Provisioning', there are options for 'Authentication Mode' (radio buttons for 'Windows authentication mode' and 'Mixed Mode (SQL Server authentication and Windows authentication)') and a section for 'Built-in SQL Server system administrator account' with password fields. Below this is a list box for 'Specify SQL Server administrators' with 'Add Current User', 'Add...', and 'Remove' buttons. A note on the right states: 'SQL Server administrators have unrestricted access to the Database Engine.' Navigation buttons at the bottom include '< Back', 'Next >', and 'Cancel'.

SQL Server 2008 Setup

### Database Engine Configuration

Specify Database Engine authentication security mode, administrators and data directories.

Setup Support Rules  
Feature Selection  
Instance Configuration  
Disk Space Requirements  
Server Configuration  
**Database Engine Configuration**  
Error and Usage Reporting  
Installation 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)

Built-in SQL Server system administrator account

Enter password:   
Confirm password:

Specify SQL Server administrators

Add Current User Add... Remove

SQL Server administrators have unrestricted access to the Database Engine.

< Back Next > Cancel

Pulsaremos sobre el botón de "Add Current User",



## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

SQL Server 2008 Setup

### Database Engine Configuration

Specify Database Engine authentication security mode, administrators and data directories.

Setup Support Rules  
Feature Selection  
Instance Configuration  
Disk Space Requirements  
Server Configuration  
**Database Engine Configuration**  
Error and Usage Reporting  
Installation 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)

Built-in SQL Server system administrator account

Enter password:   
Confirm password:

Specify SQL Server administrators

XENSERVER\WLB\Administrator (Administrator)

Add Current User | Add... | Remove

< Back | **Next >** | Cancel

Por lo tanto, para configurar el modo de autenticación, seleccionando MIXED MODE", especificando el

**SQL Server 2008 Setup**

### Error and Usage Reporting

Help Microsoft improve SQL Server features and services.

Setup Support Rules  
Feature Selection  
Instance Configuration  
Disk Space Requirements  
Server Configuration  
Database Engine Configuration  
**Error and Usage Reporting**  
Installation 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.

[View the Microsoft policy for SQL Server privacy and data collection.](#)

[Read more about Microsoft Update and Automatic Update.](#)

☐ Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting applies to services that run without user interaction.

☐ Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use Microsoft software and services.

< Back   Next >   Cancel   Finish

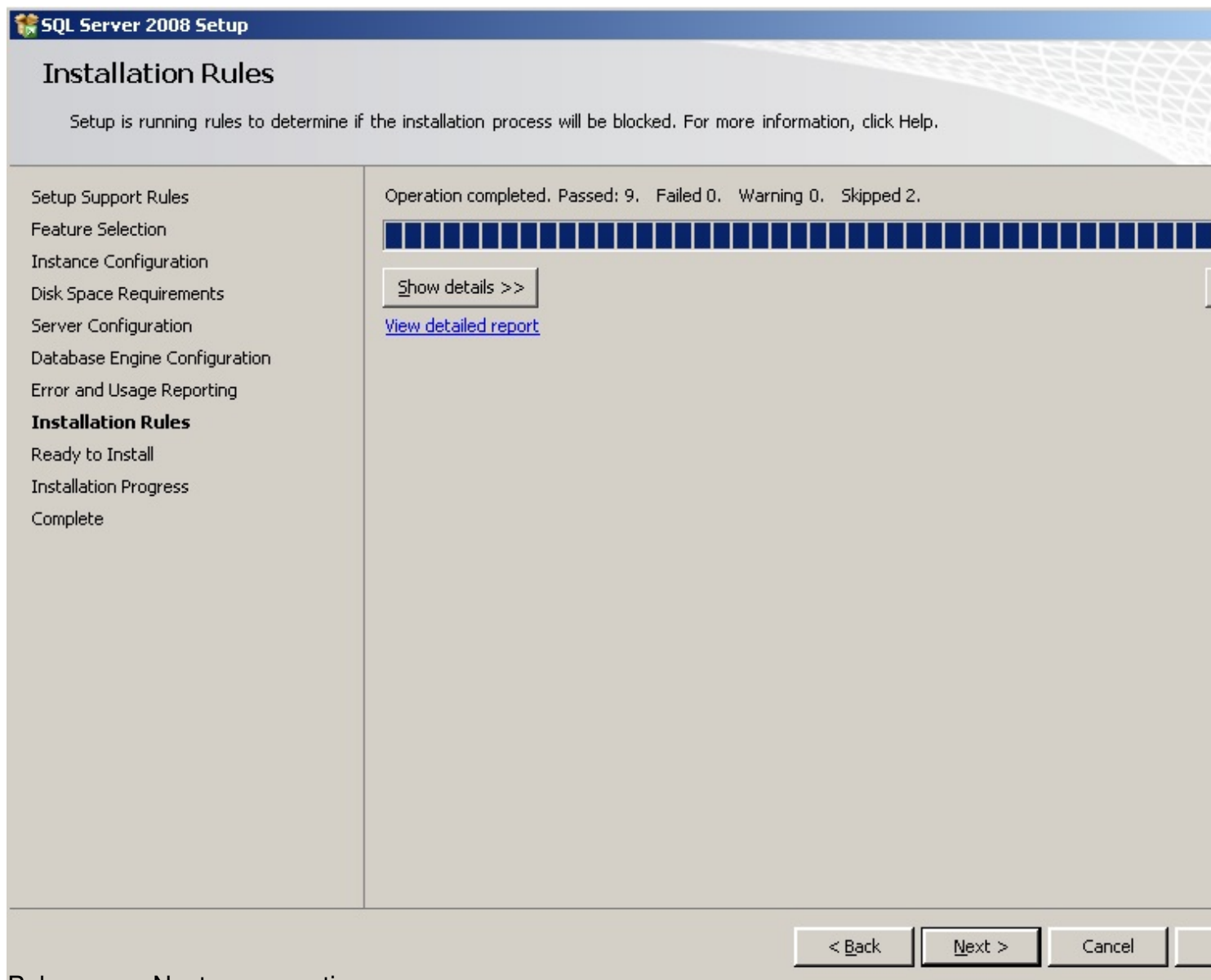
Pulsaremos Next, para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

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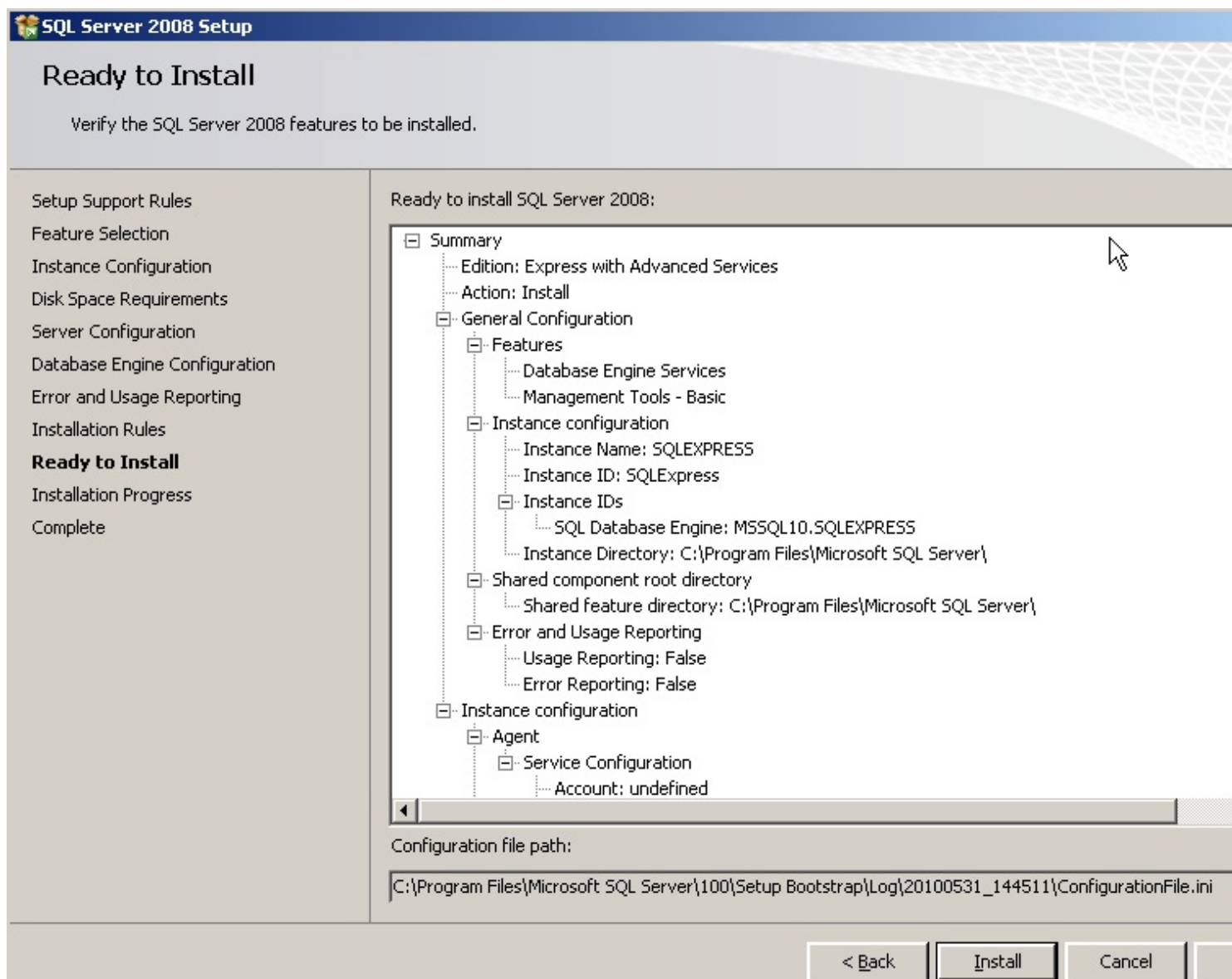


Pulsaremos Next, para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

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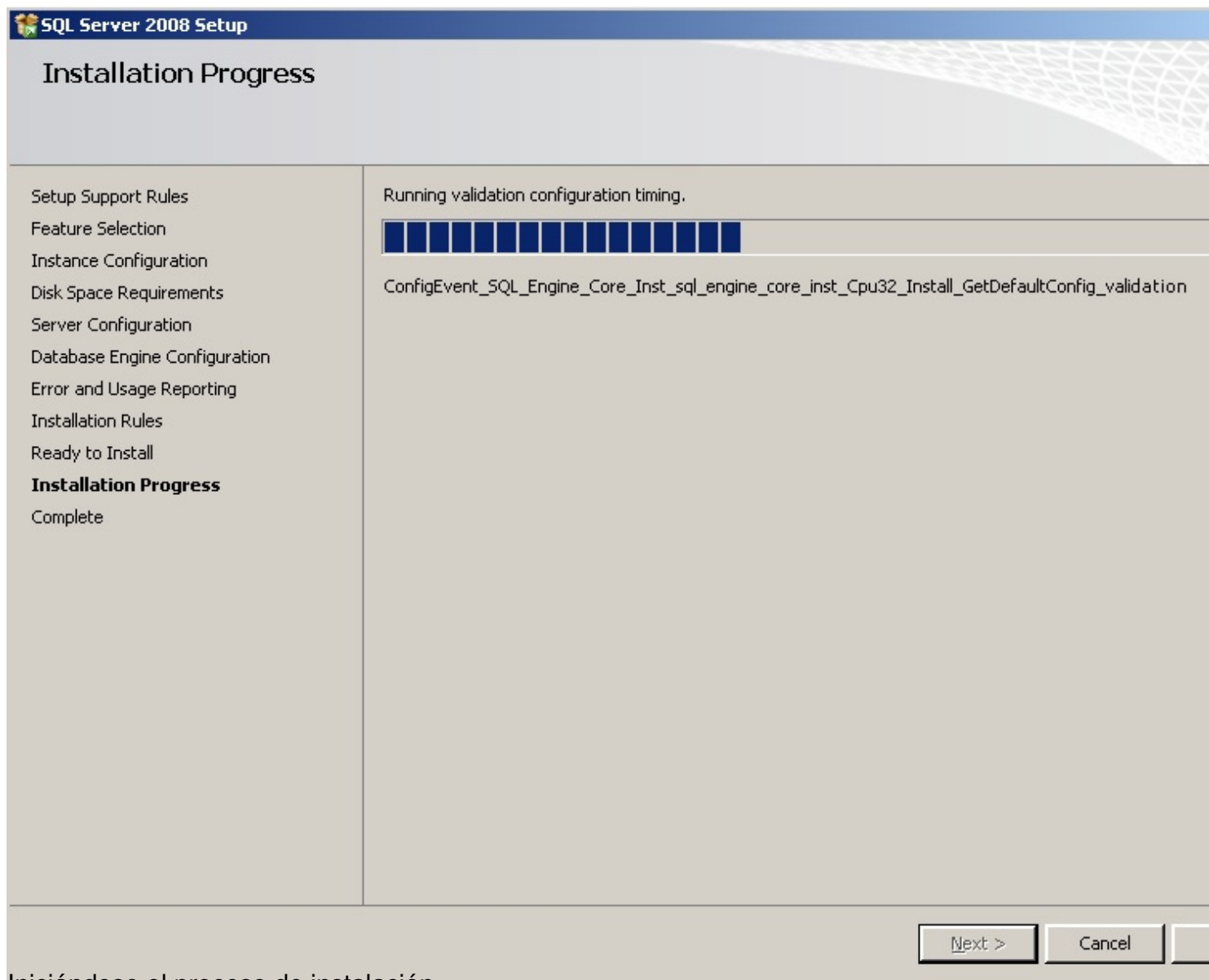
Pulsaremos posteriormente Install,

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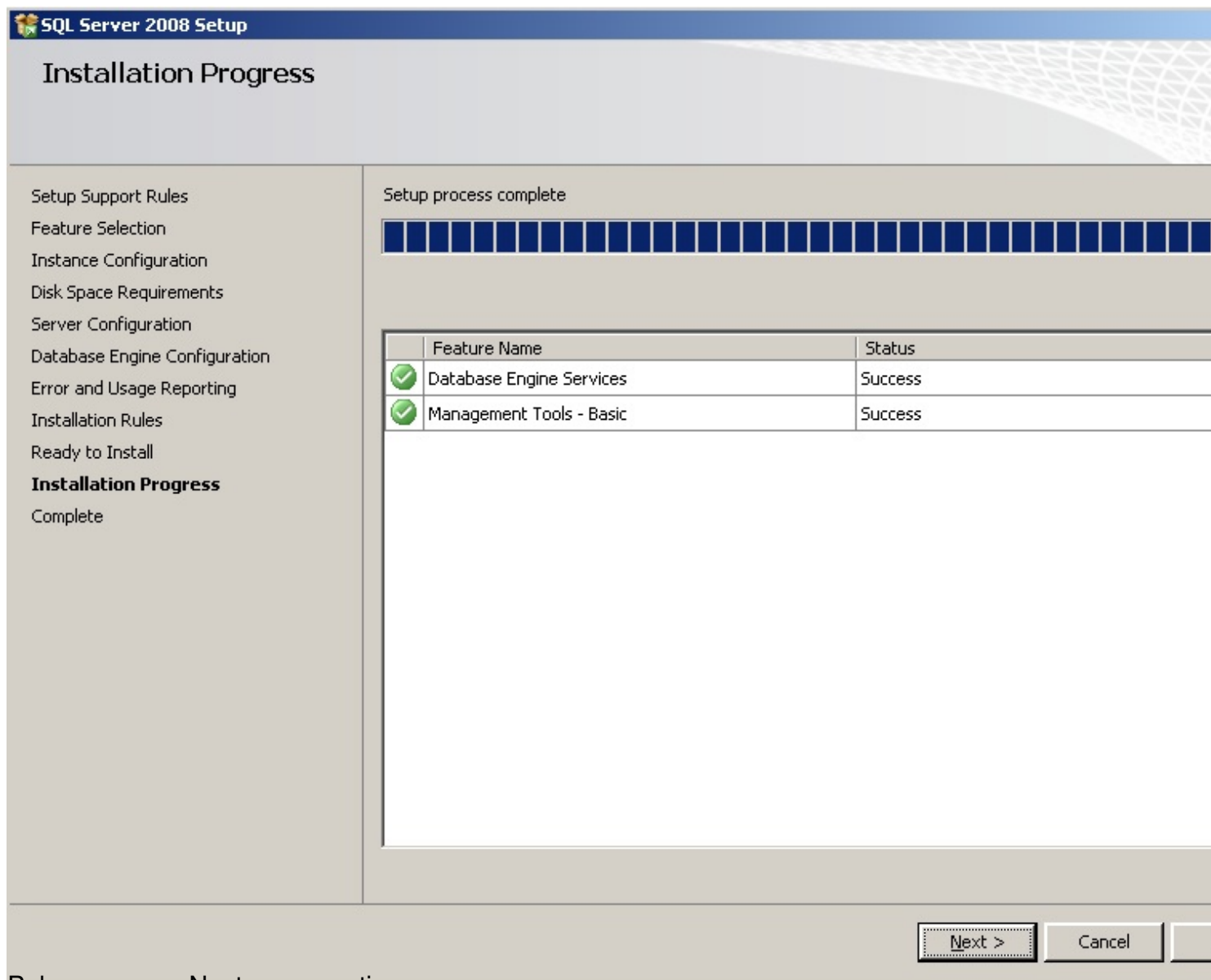
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Escrito por xavisan

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Pulsaremos en Next, para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

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**SQL Server 2008 Setup**

### Complete

Your SQL Server 2008 installation completed successfully.

Setup Support Rules  
Feature Selection  
Instance Configuration  
Disk Space Requirements  
Server Configuration  
Database Engine Configuration  
Error and Usage Reporting  
Installation 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\20100531\\_144511\Summary\\_xenserverwlb\\_20100531\\_144511.txt](C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20100531_144511\Summary_xenserverwlb_20100531_144511.txt)

Information about the Setup operation or possible next steps:

✓ Your SQL Server 2008 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, see the Microsoft Update Web site <<http://go.microsoft.com/fwlink/?LinkId=108409>> at <http://go.microsoft.com/fwlink/?LinkId=108409>.

Reporting Services

The Reporting Services installation options that you specified in Setup determine whether additional configuration is required before you can access the report server. If you installed the default configuration, the report server is configured for use.

Close

Finalizando la instalación de SQL 2008 Express, pulsando Close

Windows Catalog  
Windows Update  
Accessories  
Administrative Tools  
Microsoft SQL Server 2008  
Startup  
Windows PowerShell 1.0  
Internet Explorer  
Outlook Express  
Remote Assistance

Configuration Tools  
Integration Services  
Import and Export Data (32-bit)  
SQL Server Management Studio

Reporting Services Configuration Manager  
SQL Server Configuration Manager  
SQL Server Error and Usage Reporting  
SQL Server Installation Center

Manager finalizado, accederemos a la consola de configuración, SQL Server Configuration



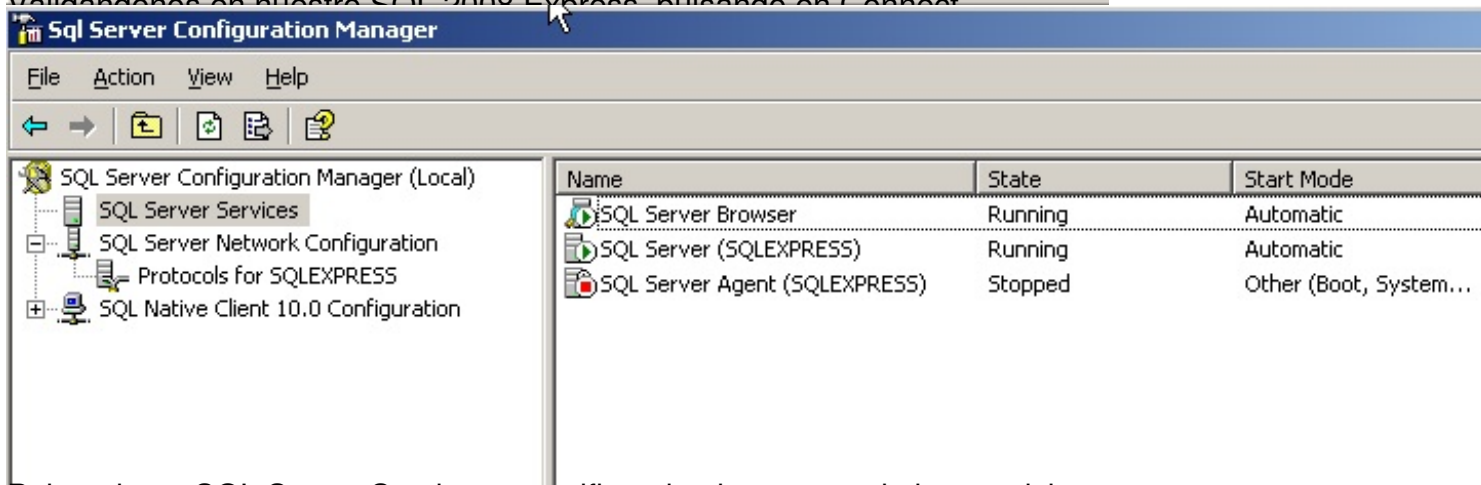
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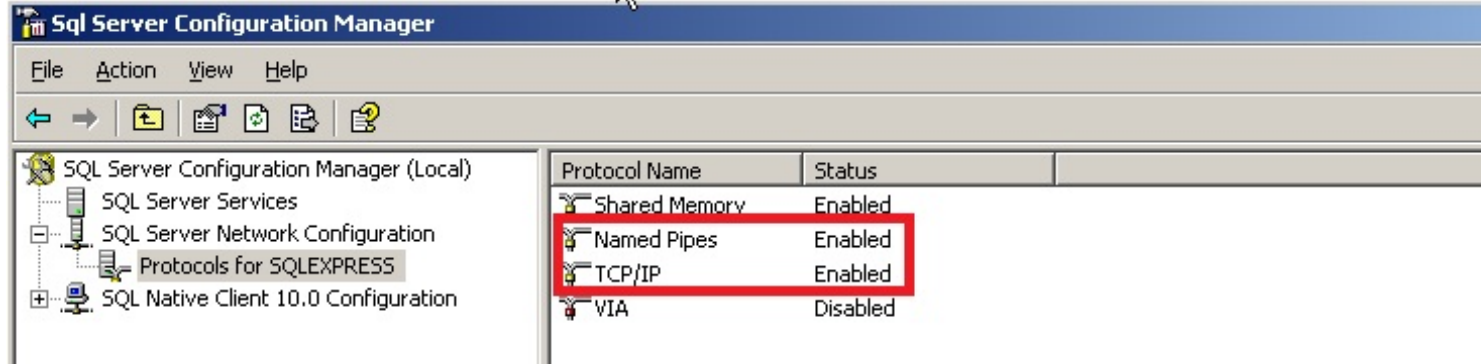
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Validándose en nuestro SQL 2008 Express, pulsando en Connect



Pulsando en SQL Server Services, y verificando el arranque de los servicios



Repetimos, por TCP/IP, Entramos a SQL Server Network Configuration, y verificamos que TCP/IP esté habilitado. Comenzamos a configurar el WLB, para que responda a las consultas de los clientes.



## Como Instalar y Configurar WLB en XenServer 5.6

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

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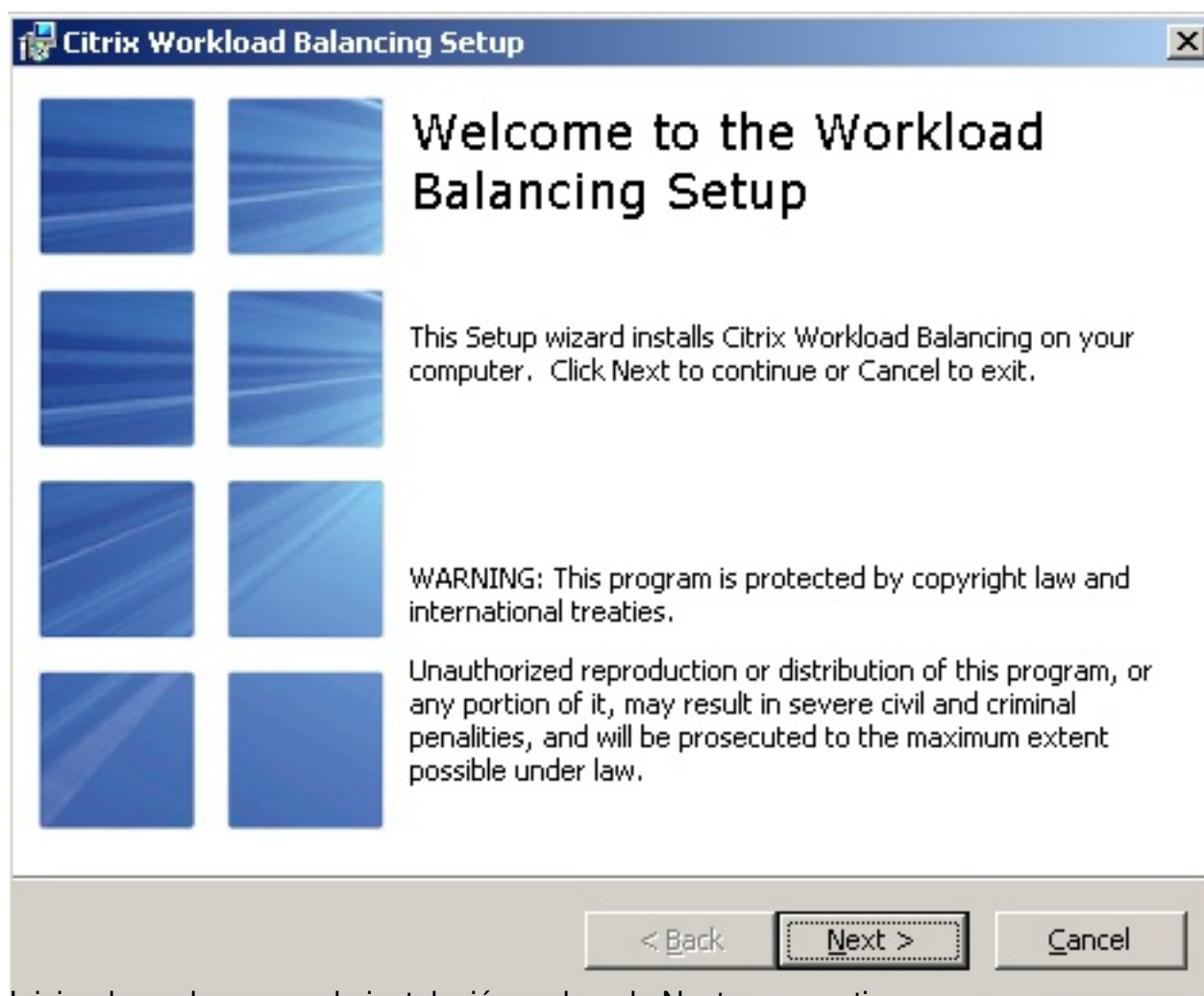


Pulsaremos sobre Workload Balancing,

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Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



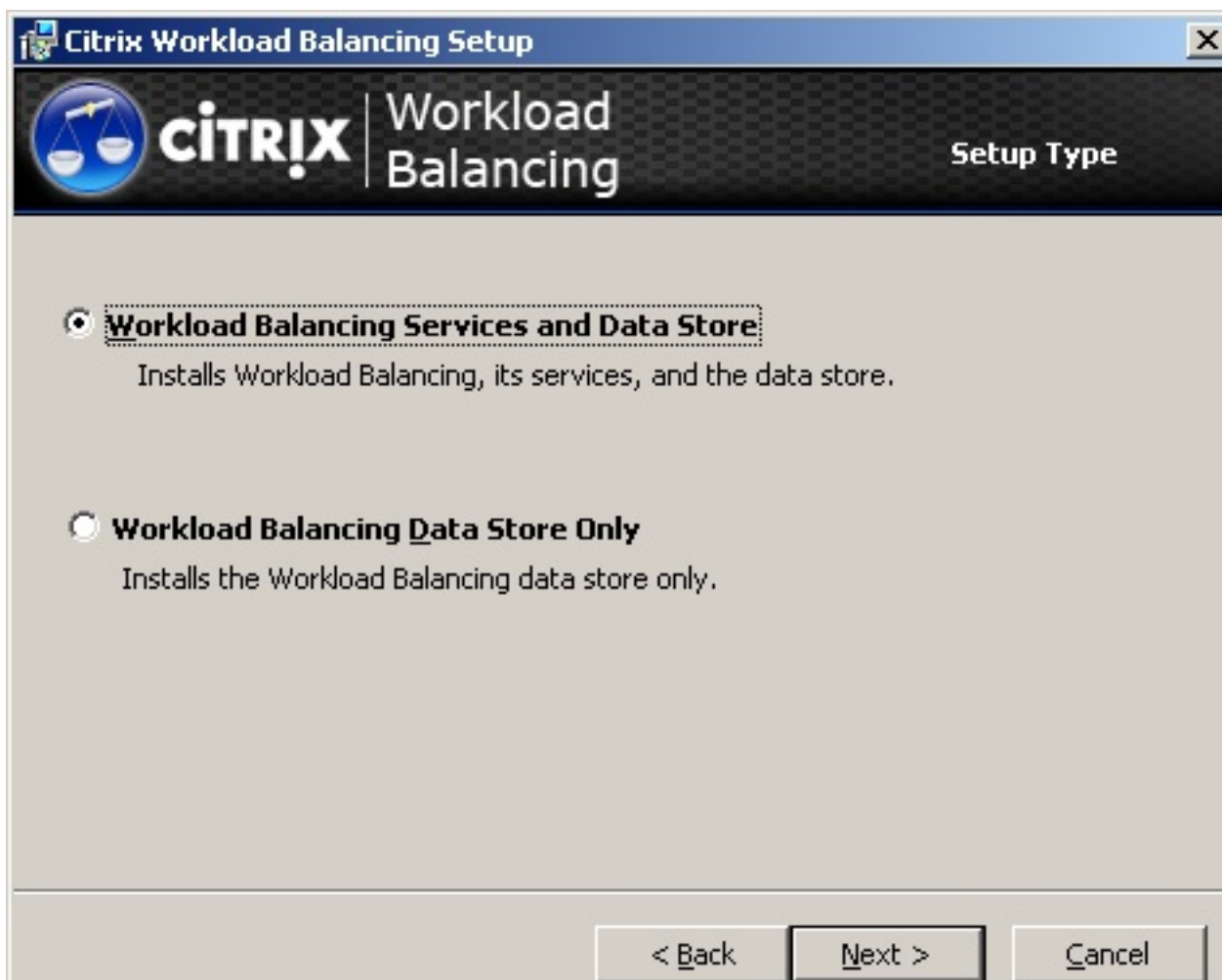
Iniciandose el proceso de instalación, pulsando Next para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

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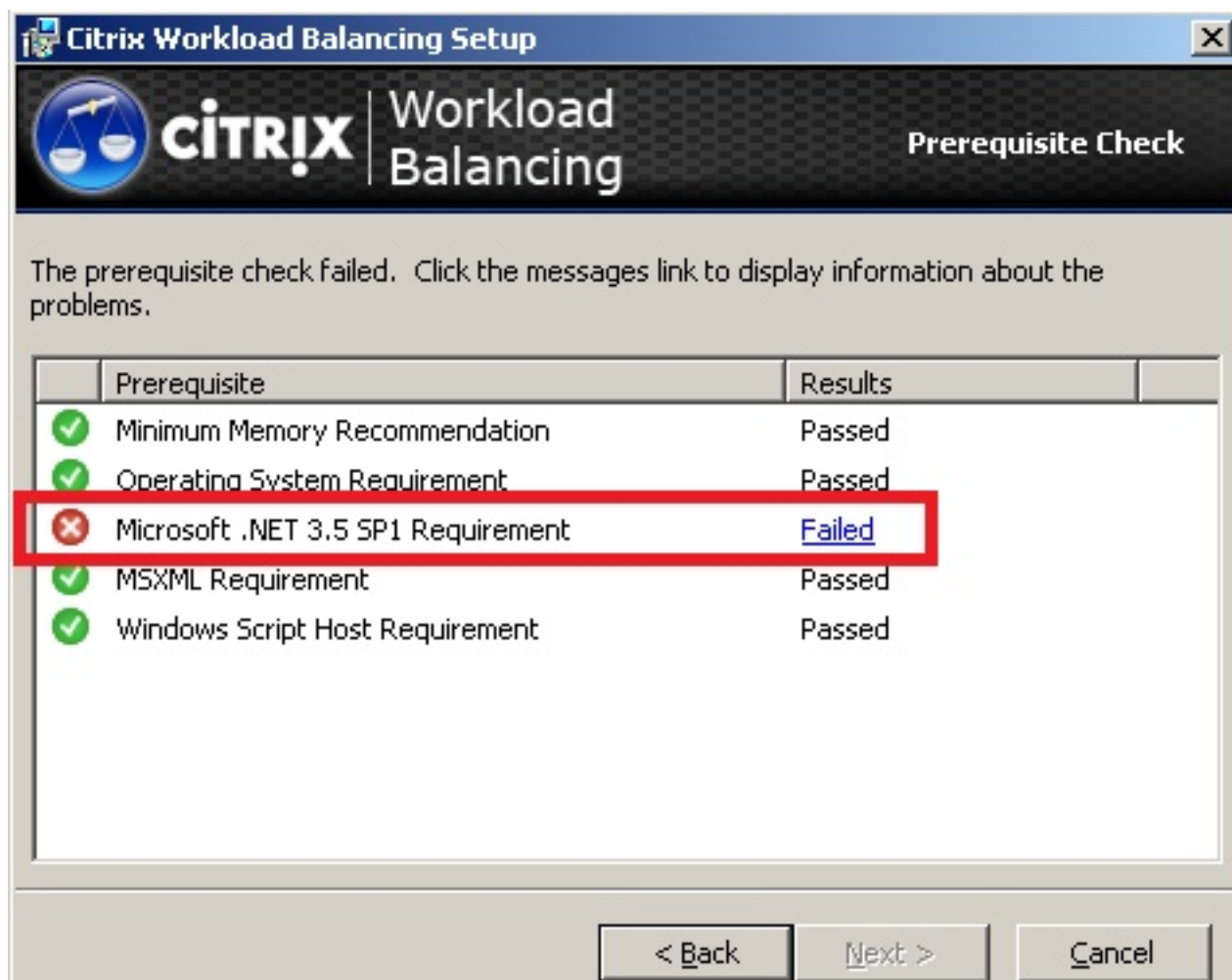


Se continuará con la opción de "Workload Balancing Services and Data Store", pulsando Next

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Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

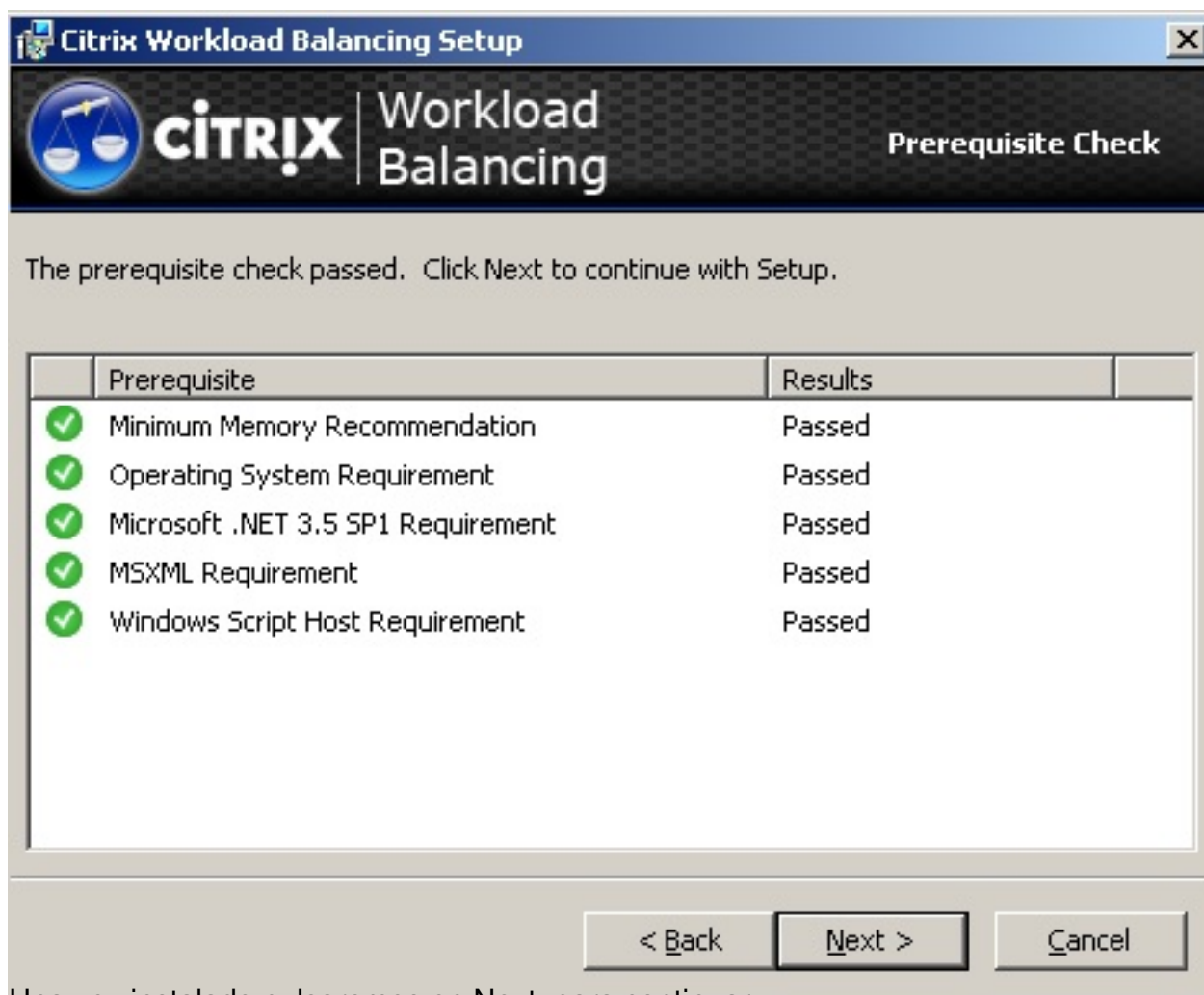


Como la instalación no hemos instalado .NET 3.5 SP1, nos lo indicará y no podremos continuar

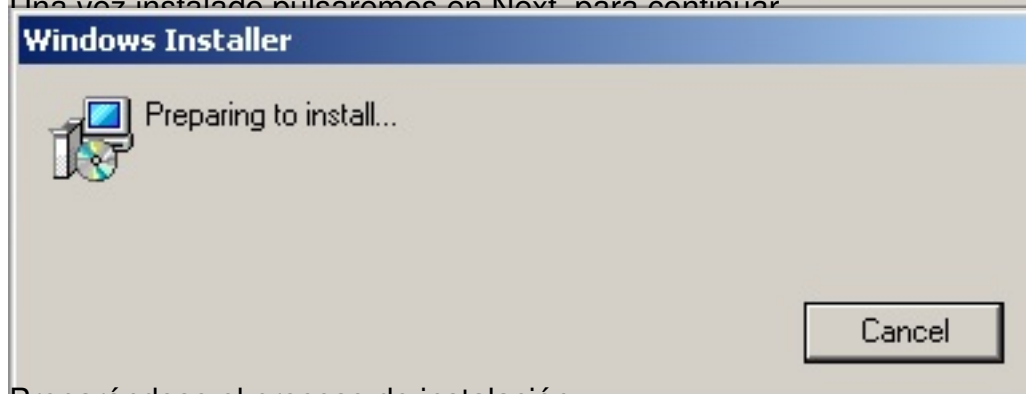
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Una vez instalado pulsaremos en Next para continuar.

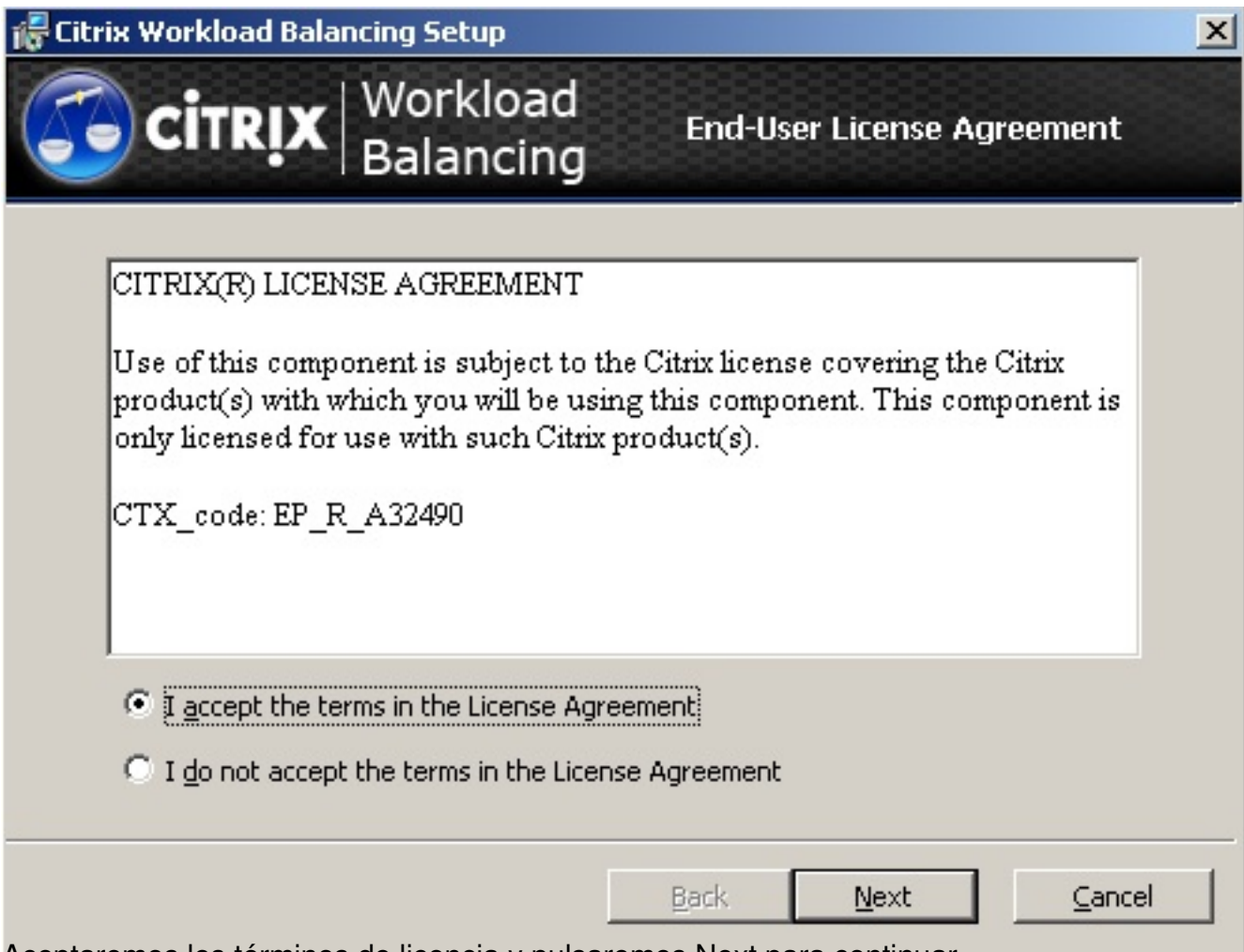


Preparándose el proceso de instalación,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

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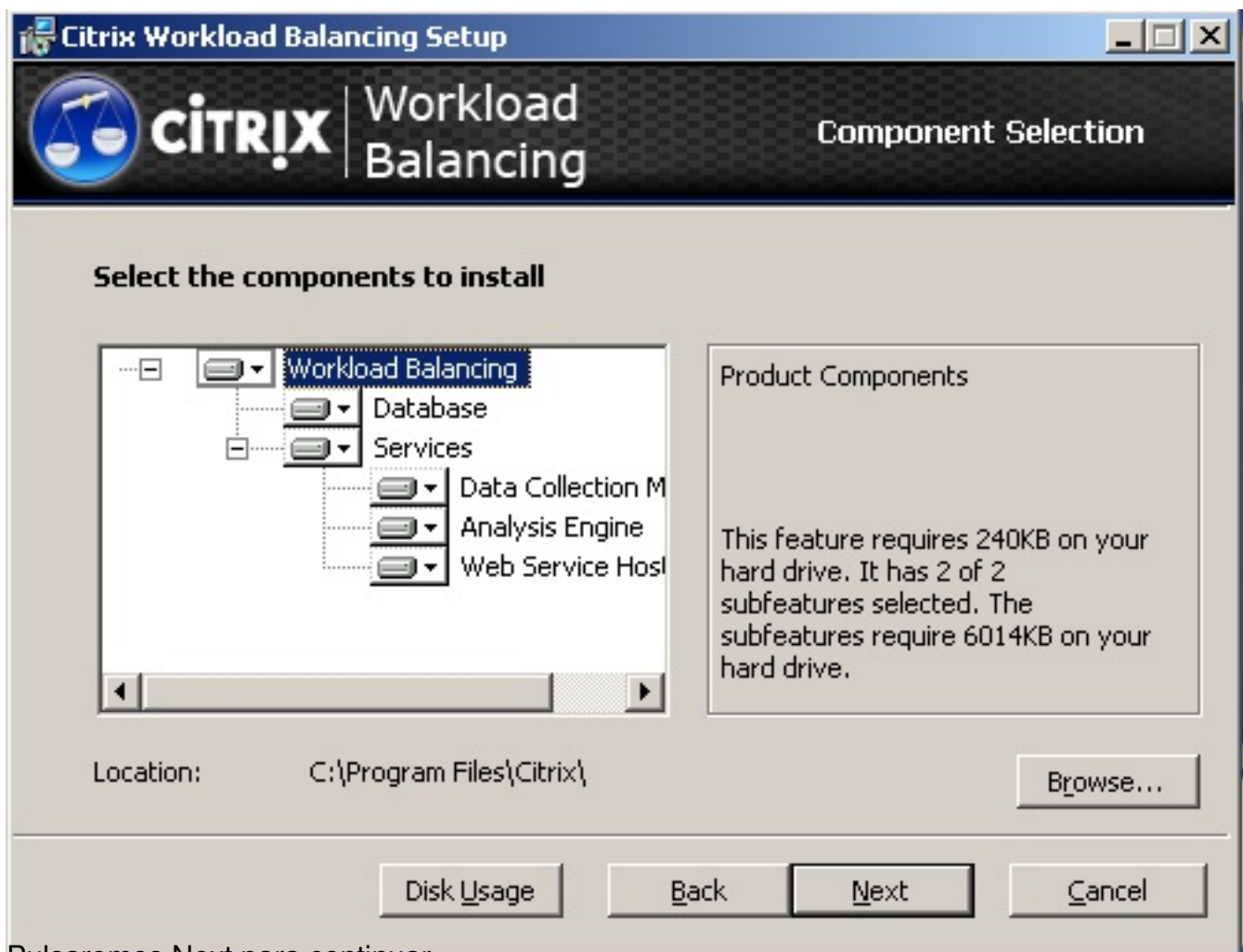


Aceptaremos los términos de licencia y pulsaremos Next para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

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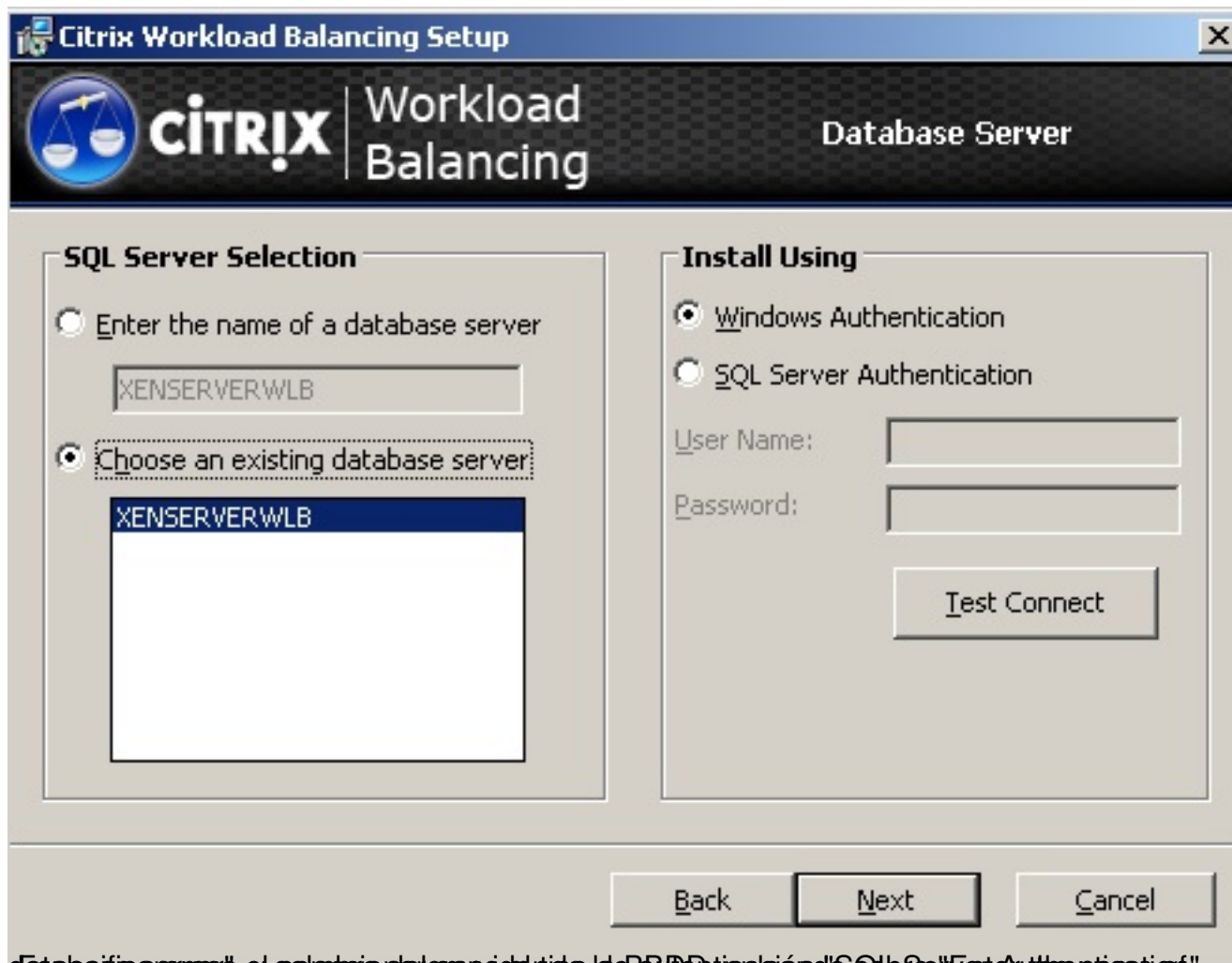


Pulsaremos Next para continuar,

## Como Instalar y Configurar WLB en XenServer 5.6

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



The image shows the 'Citrix Workload Balancing Setup' window, specifically the 'Database Server' configuration step. The window has a title bar with the Citrix logo and the text 'Citrix Workload Balancing Setup'. Below the title bar, there is a header area with the Citrix logo, the text 'Workload Balancing', and the title 'Database Server'. The main content area is divided into two panels: 'SQL Server Selection' and 'Install Using'. In the 'SQL Server Selection' panel, there are two radio buttons. The first is 'Enter the name of a database server' with a text box containing 'XENSERVERWLB'. The second is 'Choose an existing database server' with a list box containing 'XENSERVERWLB'. In the 'Install Using' panel, there are two radio buttons. The first is 'Windows Authentication' (selected) and the second is 'SQL Server Authentication'. Below these are text boxes for 'User Name:' and 'Password:', and a 'Test Connect' button. At the bottom of the window are three buttons: 'Back', 'Next', and 'Cancel'.

**Citrix Workload Balancing Setup**

**Workload Balancing**

**Database Server**

**SQL Server Selection**

☐ Enter the name of a database server

XENSERVERWLB

☒ Choose an existing database server

XENSERVERWLB

**Install Using**

☒ Windows Authentication

☐ SQL Server Authentication

User Name:

Password:

Test Connect

Back Next Cancel

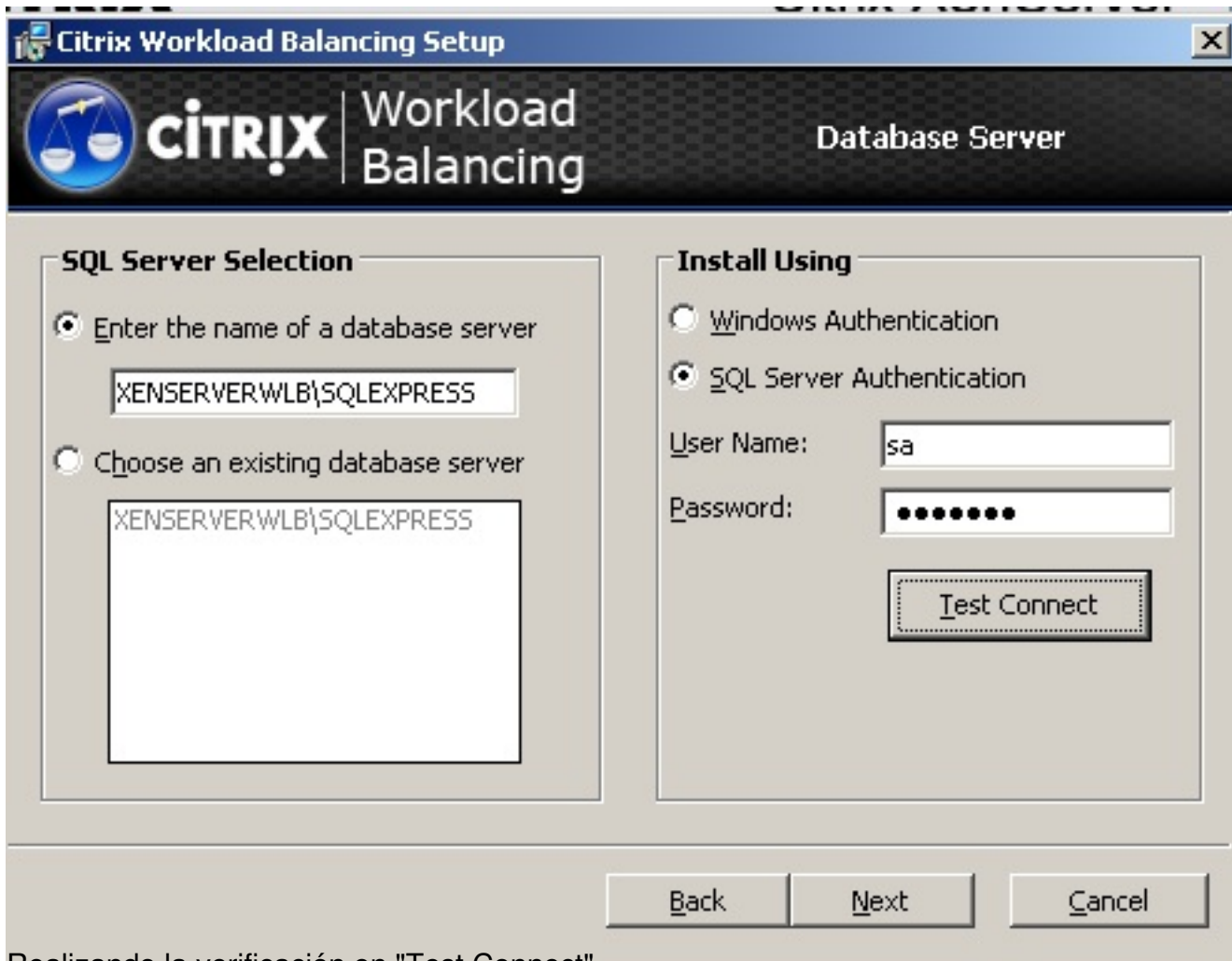
En este paso, el seleccionamos el tipo de BD, pulsando "SQL Server Authentication"



## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



The image shows a screenshot of the 'Citrix Workload Balancing Setup' window, specifically the 'Database Server' configuration step. The window has a title bar with the Citrix logo and the text 'Citrix Workload Balancing Setup'. Below the title bar, there is a header area with the Citrix logo, the text 'Workload Balancing', and the title 'Database Server'. The main content area is divided into two sections: 'SQL Server Selection' and 'Install Using'. In the 'SQL Server Selection' section, there are two radio buttons. The first is 'Enter the name of a database server', which is selected. Below it is a text box containing 'XENSERVERWLB\SQLEXPRESS'. The second radio button is 'Choose an existing database server', which is not selected. Below it is a text box containing 'XENSERVERWLB\SQLEXPRESS'. In the 'Install Using' section, there are two radio buttons. The first is 'Windows Authentication', which is not selected. The second is 'SQL Server Authentication', which is selected. Below it are two text boxes: 'User Name:' containing 'sa' and 'Password:' containing a series of dots. Below these text boxes is a button labeled 'Test Connect'. At the bottom of the window, there are three buttons: 'Back', 'Next', and 'Cancel'.

**Citrix Workload Balancing Setup**

**citrix** | Workload Balancing **Database Server**

**SQL Server Selection**

☒ Enter the name of a database server

XENSERVERWLB\SQLEXPRESS

☐ Choose an existing database server

XENSERVERWLB\SQLEXPRESS

**Install Using**

☐ Windows Authentication

☒ SQL Server Authentication

User Name: sa

Password: .....

Test Connect

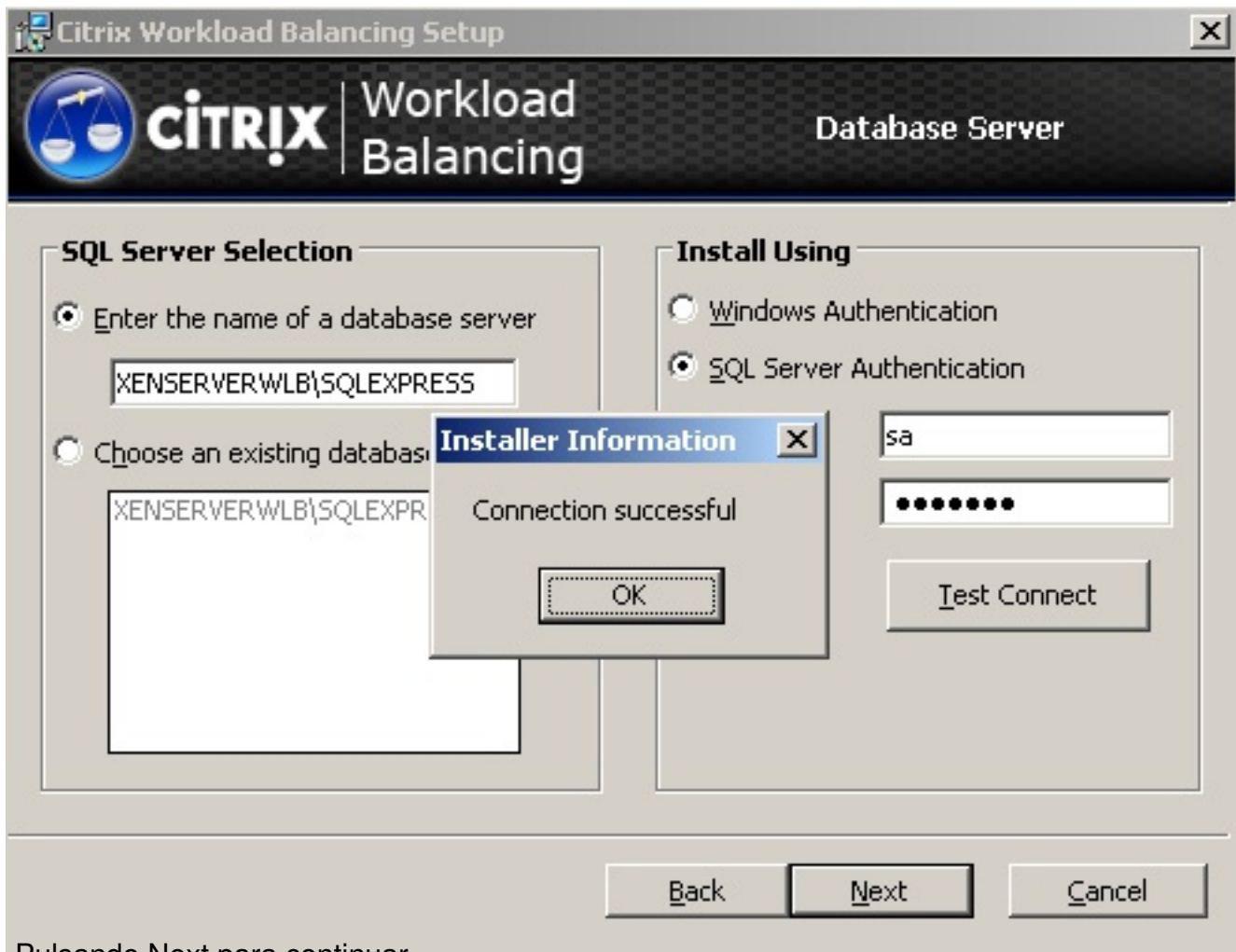
Back Next Cancel

Realizando la verificación en "Test Connect",

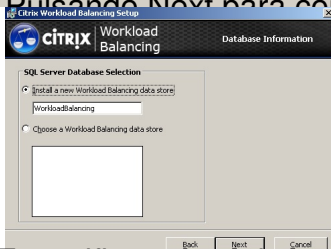
## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



Pulsando Next para continuar,

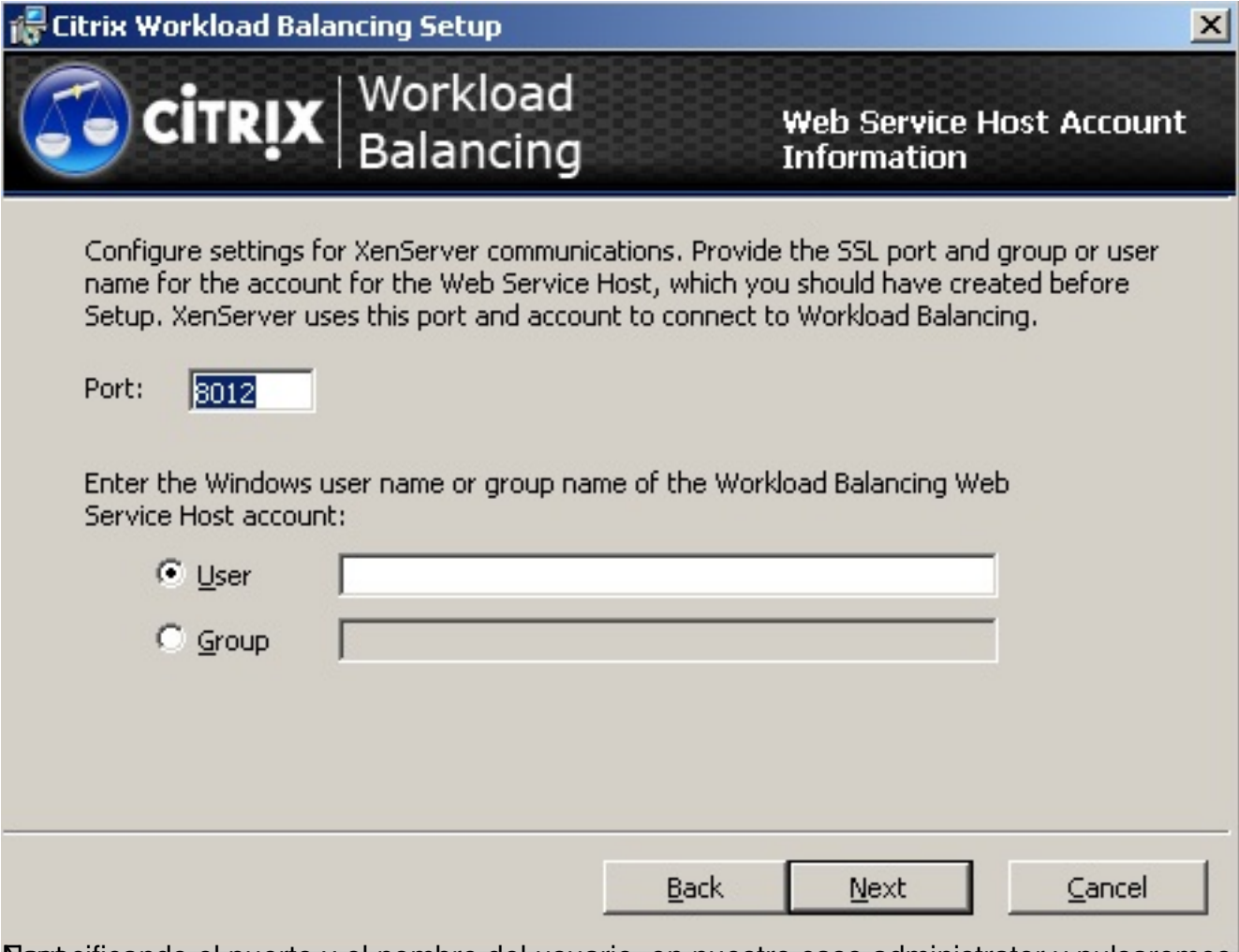


Especificaremos el nombre del servidor de WLB, en nuestro caso xenserverwlb,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



The image shows a Windows-style dialog box titled "Citrix Workload Balancing Setup". The title bar includes a close button (X). The dialog has a dark header bar with the Citrix logo, the text "Workload Balancing", and "Web Service Host Account Information". The main area contains instructions: "Configure settings for XenServer communications. Provide the SSL port and group or user name for the account for the Web Service Host, which you should have created before Setup. XenServer uses this port and account to connect to Workload Balancing." Below this, there is a "Port:" label followed by a text box containing "8012". Then, it says "Enter the Windows user name or group name of the Workload Balancing Web Service Host account:". There are two radio buttons: "User" (selected) and "Group". Each has an adjacent text box. At the bottom right are three buttons: "Back", "Next", and "Cancel".

**Citrix Workload Balancing Setup**

**Workload Balancing** Web Service Host Account Information

Configure settings for XenServer communications. Provide the SSL port and group or user name for the account for the Web Service Host, which you should have created before Setup. XenServer uses this port and account to connect to Workload Balancing.

Port:

Enter the Windows user name or group name of the Workload Balancing Web Service Host account:

☒ User

☐ Group

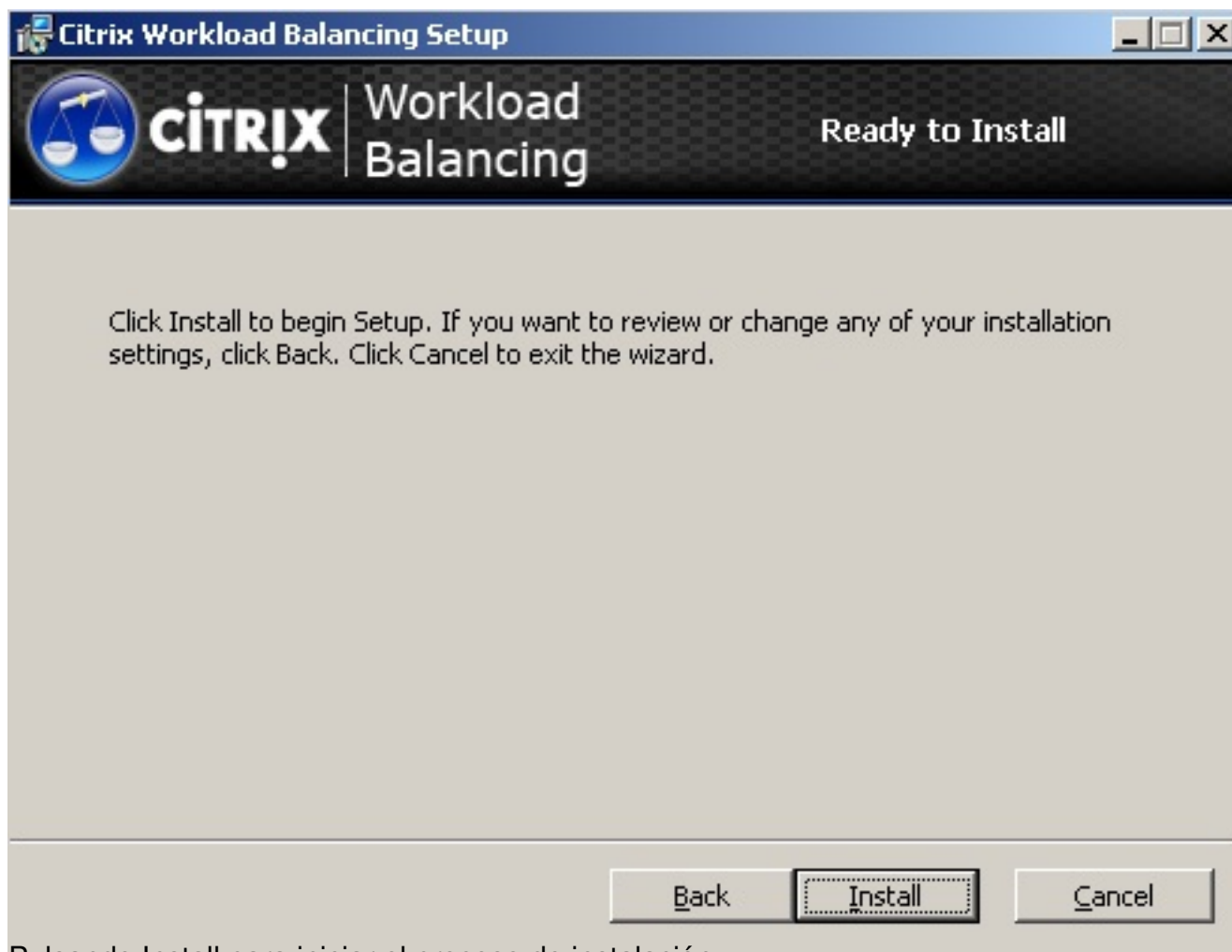
Next, especificando el puerto y el nombre del usuario, en nuestro caso administrator y pulsaremos

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

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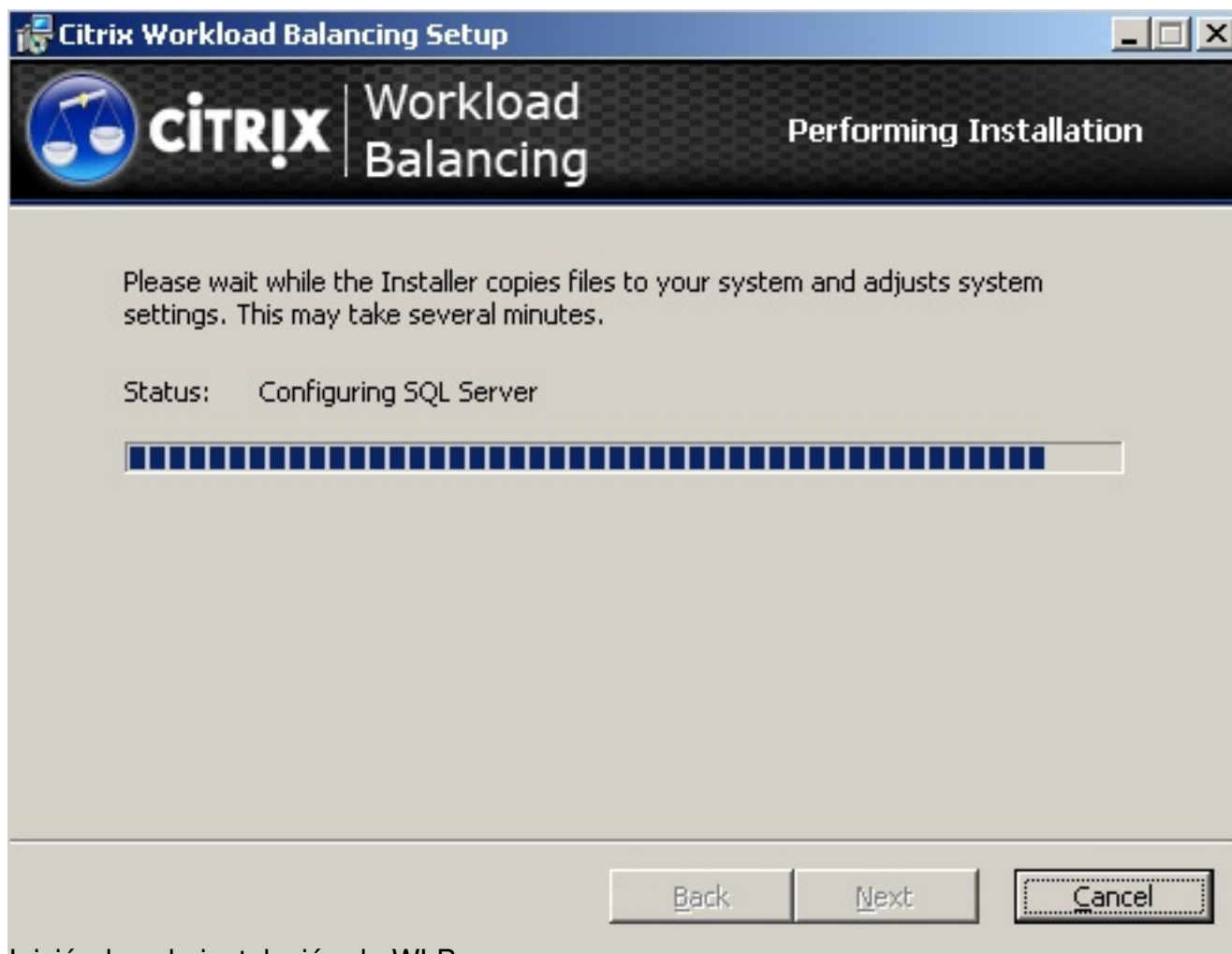


Pulsando Install para iniciar el proceso de instalación,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

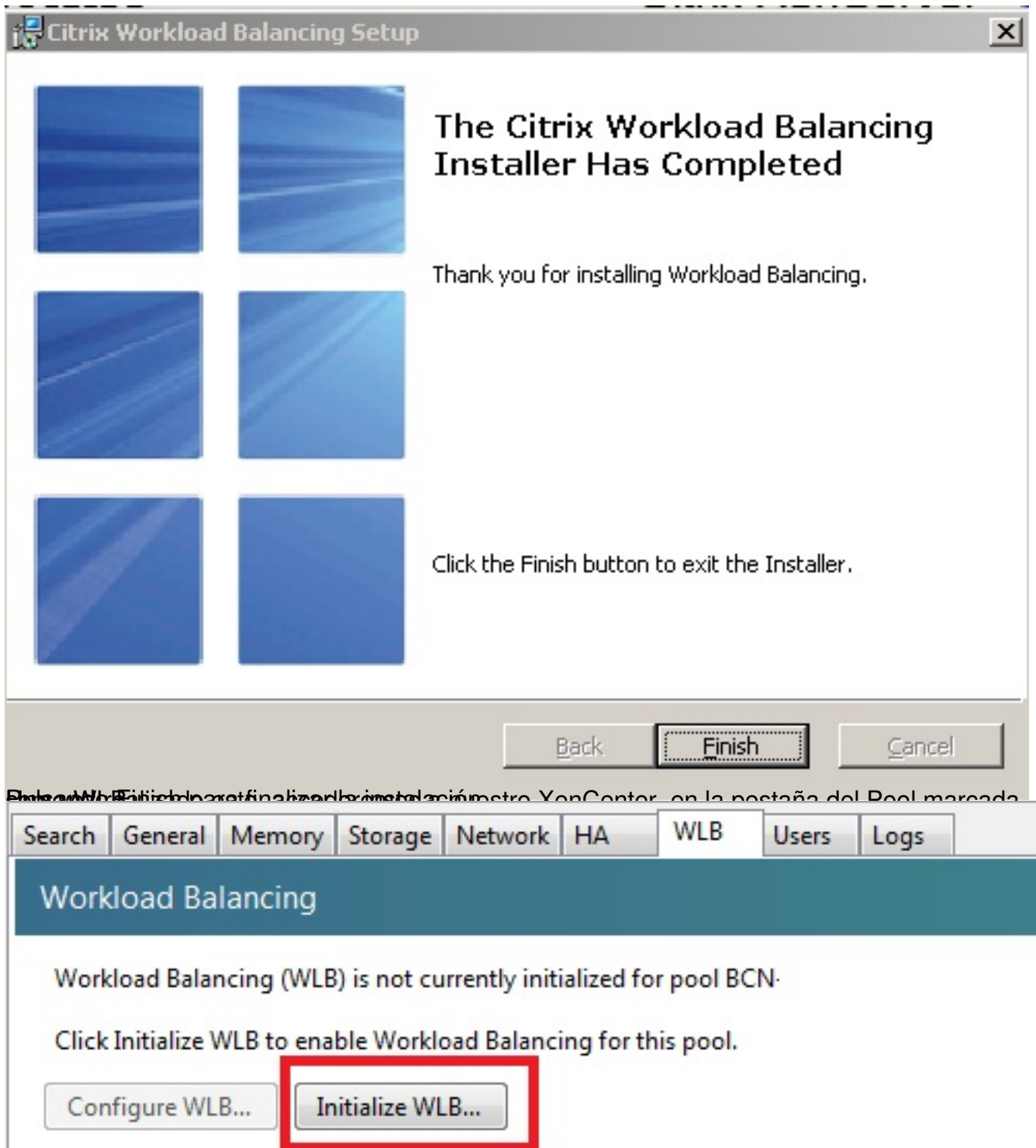


Iniciándose la instalación de WLB,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46



Pulsando posteriormente en "Inicialize WLB" para realizar la correspondiente configuración,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

Connect to WLB Server

Server Address  
Enter the address of the Workload Balancing Server to be used by this XenServer resource pool.

Address: 172.16.50.203  
Port: 8012 (Default is 8012)

☒ Update Credentials  
WLB Server Credentials  
Enter the credentials the XenServer will use to connect to the Workload Balancing Server.

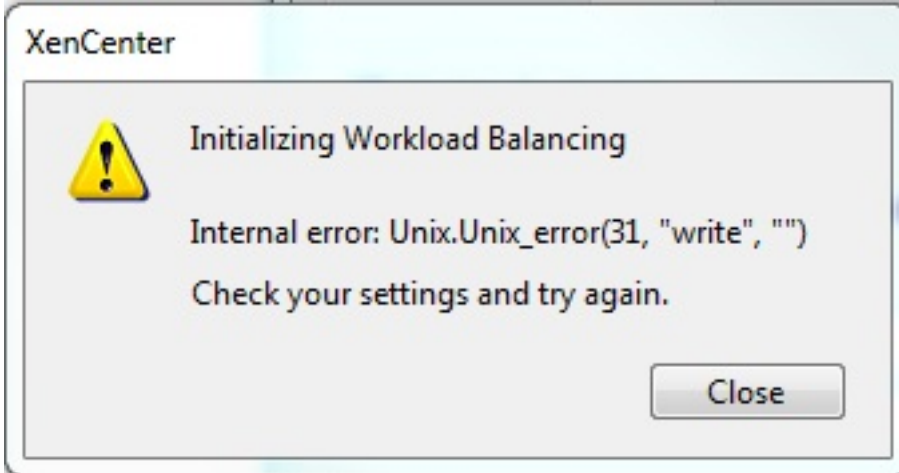
Username: administrator  
Password: \*\*\*\*\*

XenServer Credentials  
Enter the credentials the Workload Balancing Server will use to connect to the XenServer.

Username: root  
Password: \*\*\*\*\*  
☒ Use the current XenCenter credentials

OK Cancel

En fin, si no funciona, no se preocupe, ya que en este momento no se puede iniciar el trabajo de la máquina virtual.



### Workload Balancing

Configure WLB...

Disable WLB...

#### Configuration

Workload Balancing server name:	172.16.50.204:8012
Pool optimization mode:	Maximize Performance
Automated optimizations:	No
Power management:	No

#### Optimization Recommendations

VM/Host	Operation	Reason
No recommended optimizations at this time.		

Apply Recommendations

Podemos decir que esta es la única forma de configurar el WLB en XenServer 5.6.



## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

**Workload Balancing Configuration for BCN-DEMOCENTER**

- ★ Optimization Mode**  
Adjust the WLB optimization m...
- Automation/Power Management**  
Configure WLB Automation an...
- Critical Thresholds**  
Adjust Critical thresholds for W...
- Metric Weighting**  
Adjust the weighting of WLB m...
- Excluded Hosts**  
Excluded Hosts
- Advanced**

**★ Optimization Mode**

WLB provides two different modes of optimization, Maximize Performance or Maximize Density. These policies can be applied permanently as a fixed setting, or be scheduled to change at various times.

☒ **Fixed**

- ☒ **Maximize Performance (Default)**  
Guarantee performance metrics for placed VMs
- ☐ **Maximize Density**  
Place the largest possible number of VMs on each host

☐ **Scheduled**

Specify the times when you want Workload Balancing to change the Optimization Mode automatically.

Mode	Day	Time	Enabled
------	-----	------	---------

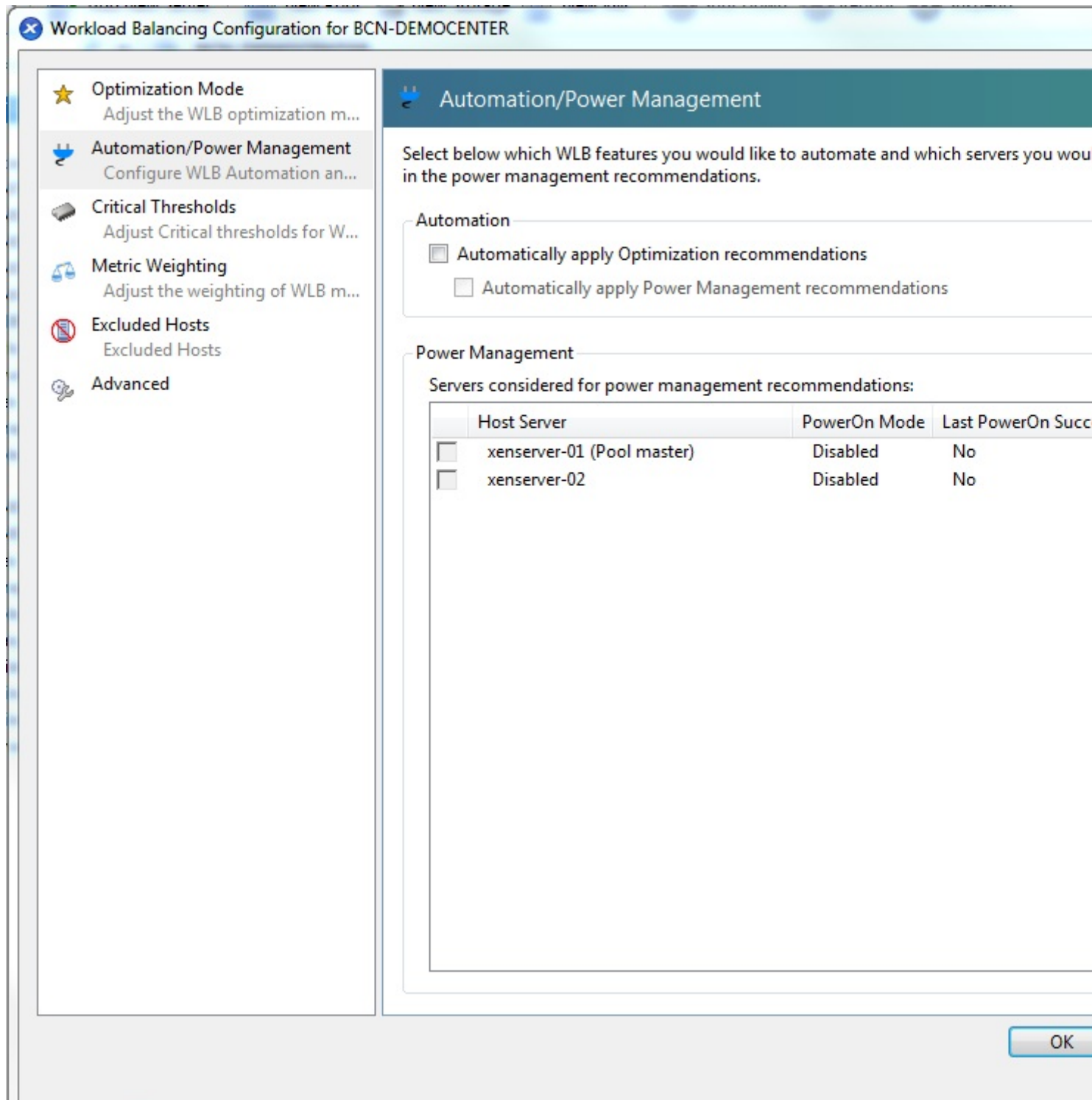
En modo de optimización podremos realizar la configuración de esta,



## Como Instalar y Configurar WLB en XenServer 5.6

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Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

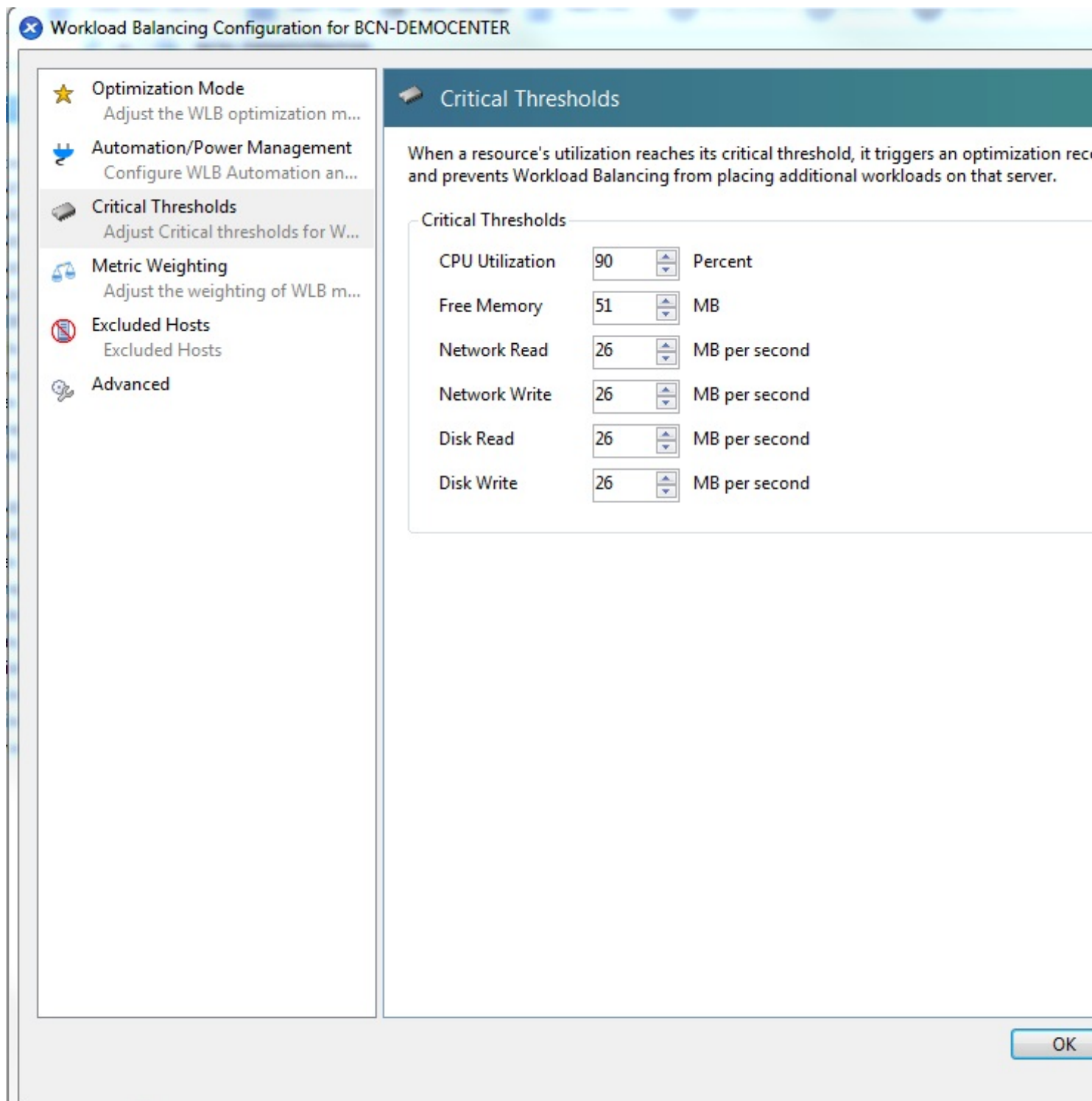


Si deseas seleccionar la optimización automática de los servidores, debes poner el check box, en caso contrario

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46





Podremos especificar los porcentajes y ratios de CPU, Memoria Libre...etc,


## Como Instalar y Configurar WLB en XenServer 5.6


Escrito por xavisan


Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46


 Workload Balancing Configuration for BCN-DEMOCENTER


 **Optimization Mode**  
Adjust the WLB optimization m...

 **Automation/Power Management**  
Configure WLB Automation an...

 **Critical Thresholds**  
Adjust Critical thresholds for W...

 **Metric Weighting**  
Adjust the weighting of WLB m...

 **Excluded Hosts**  
Excluded Hosts

 **Advanced**

### Metric Weighting

Adjust the significance Workload Balancing gives to a resource's utilization when determining if it can move workloads to that server or should assign a VM to a different server.

Metric Weighting	Less Important	More Important
CPU Utilization	<input type="text"/>	<input type="text"/>
Free Memory	<input type="text"/>	<input type="text"/>
Network Read	<input type="text"/>	<input type="text"/>
Network Write	<input type="text"/>	<input type="text"/>
Disk Read	<input type="text"/>	<input type="text"/>
Disk Write	<input type="text"/>	<input type="text"/>

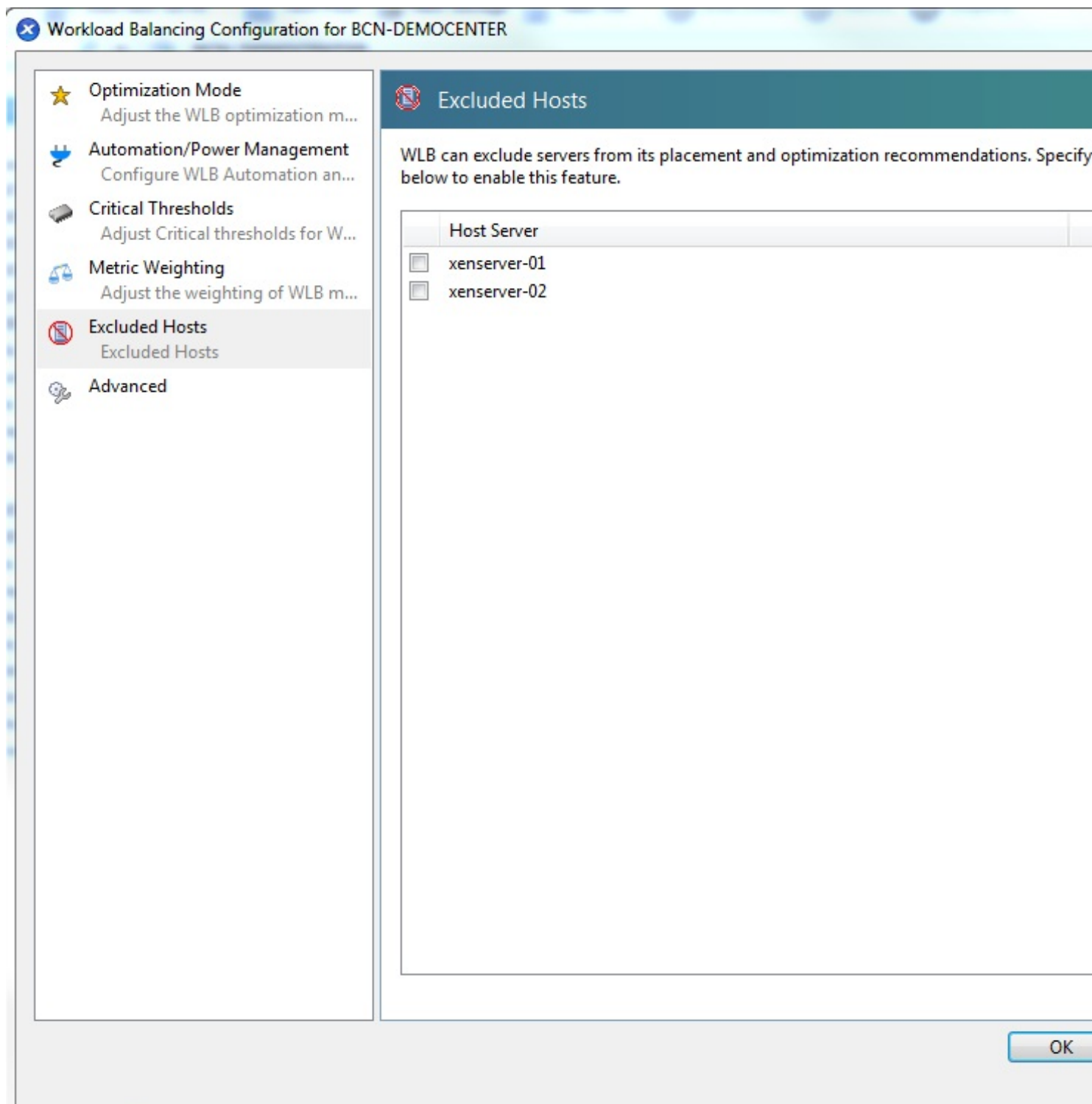
OK

Los ratios a nivel de importancia, para la ejecución del WLB,

## Como Instalar y Configurar WLB en XenServer 5.6

Escrito por xavisan

Jueves, 03 de Junio de 2010 08:43 - Actualizado Jueves, 03 de Junio de 2010 09:46

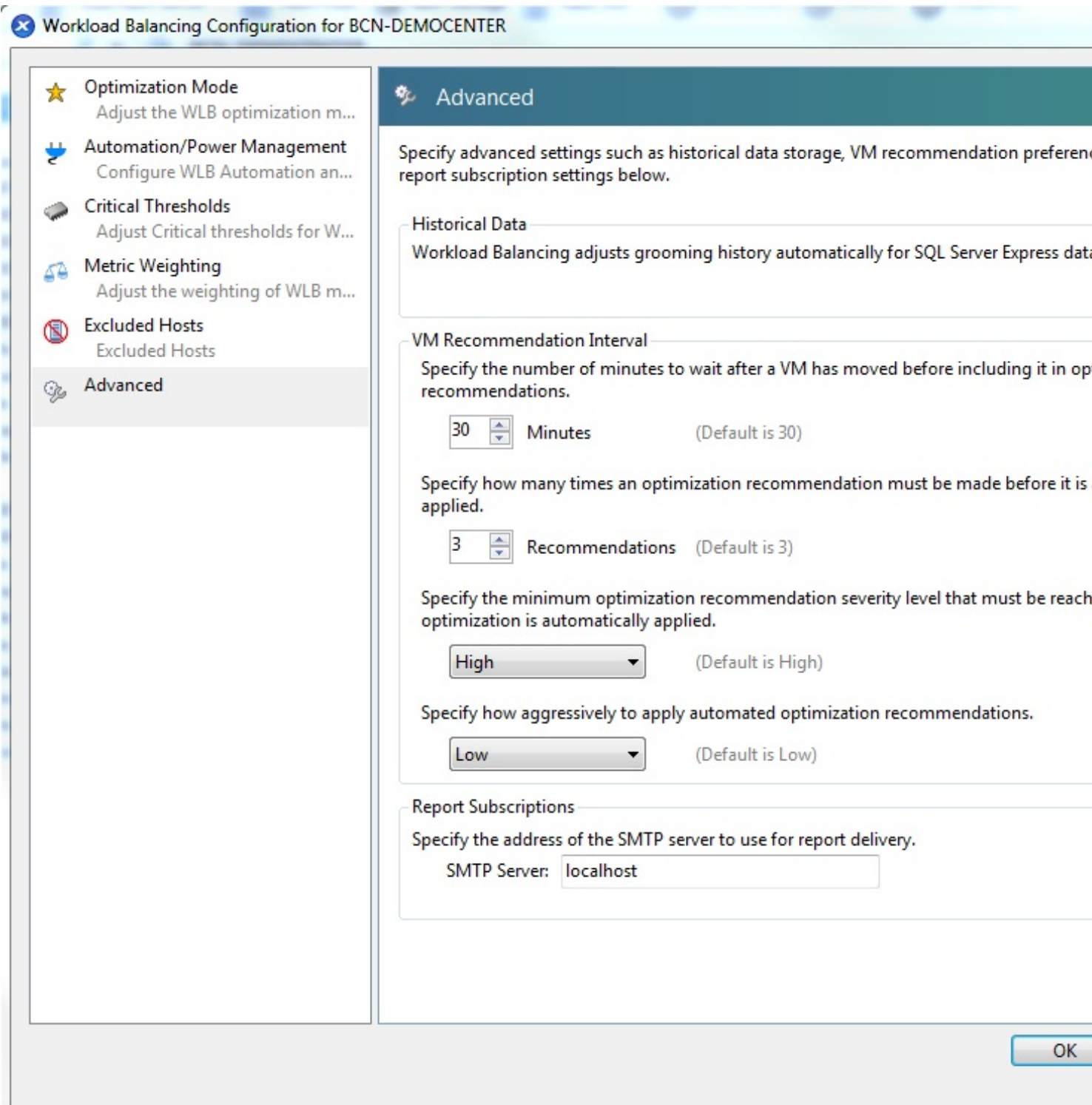


Pudiendo excluir los Host a los que no deseamos que se aplique,

## Como Instalar y Configurar WLB en XenServer 5.6

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Así como las distintas versiones de WLB en XenServer 5.6 y tipo, finalizando de esta forma