

# Install SQL Server 2012

August 19, 2013

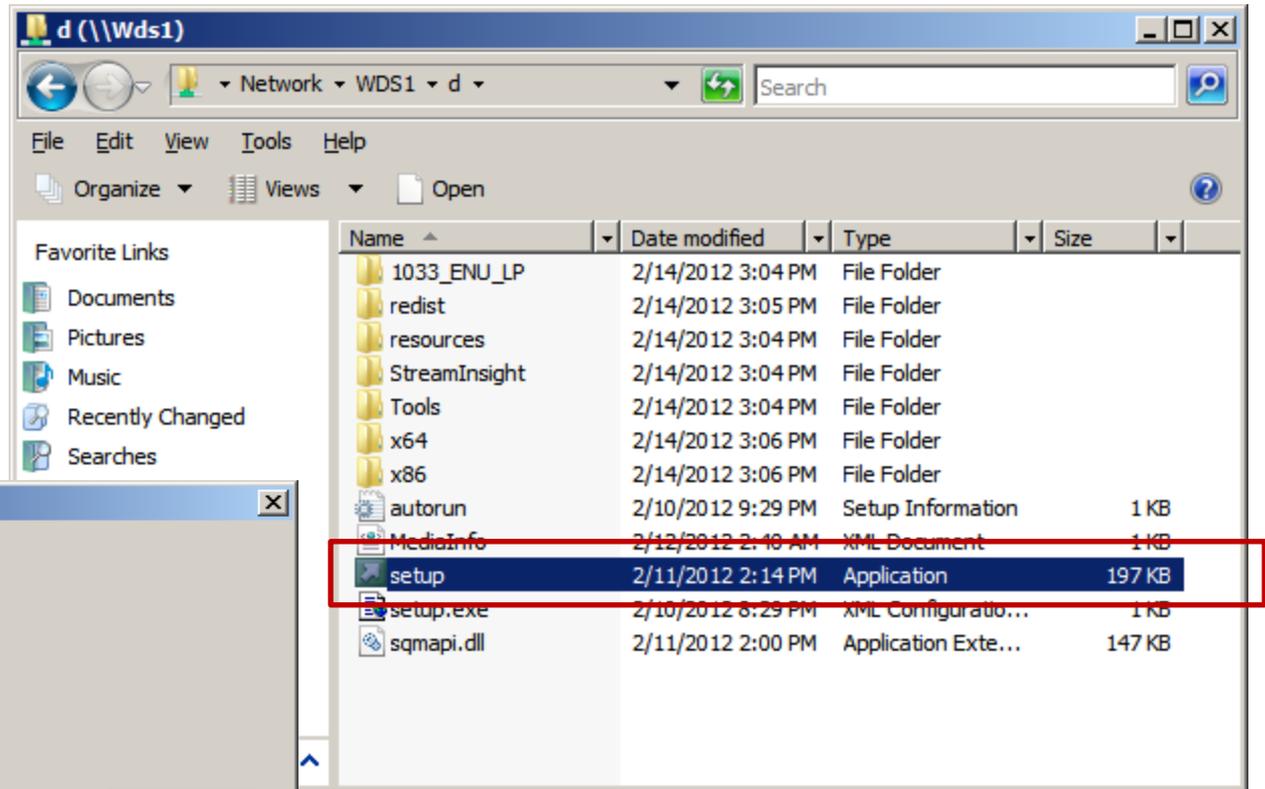
# Operating System

We will first build a complete Application server by installing Windows 2012 Standard Server on a machine. Next, we will join the domain like any other machine. Our ensuing step is to install SQL 2012.



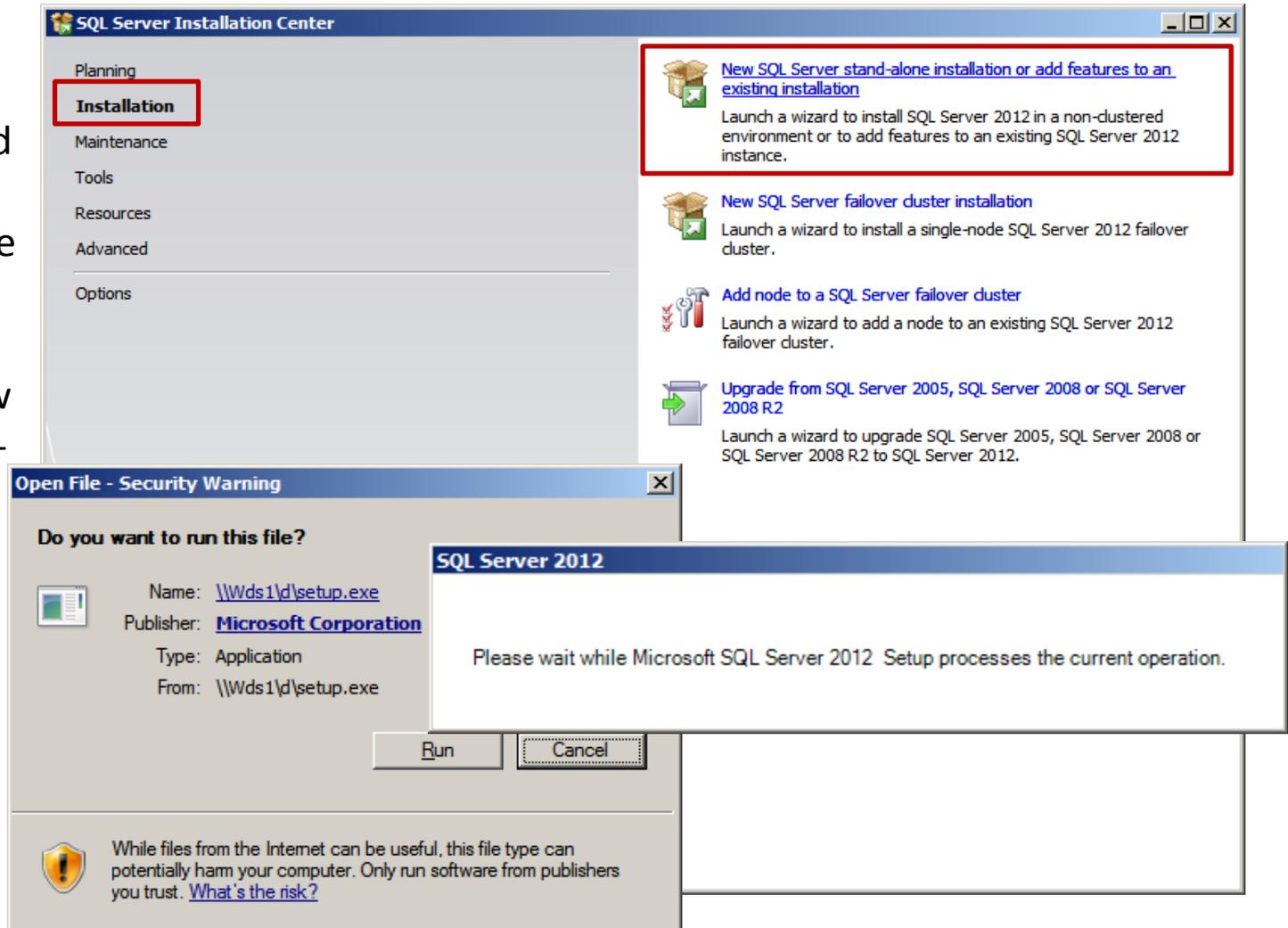
# Windows SQL 2012 DVD

We download the Windows 2012 SQL iso file and load it to a DVD. Then, we place the DVD in the optical drive and view the files. We select the setup applications.



# SQL Server Installation Center

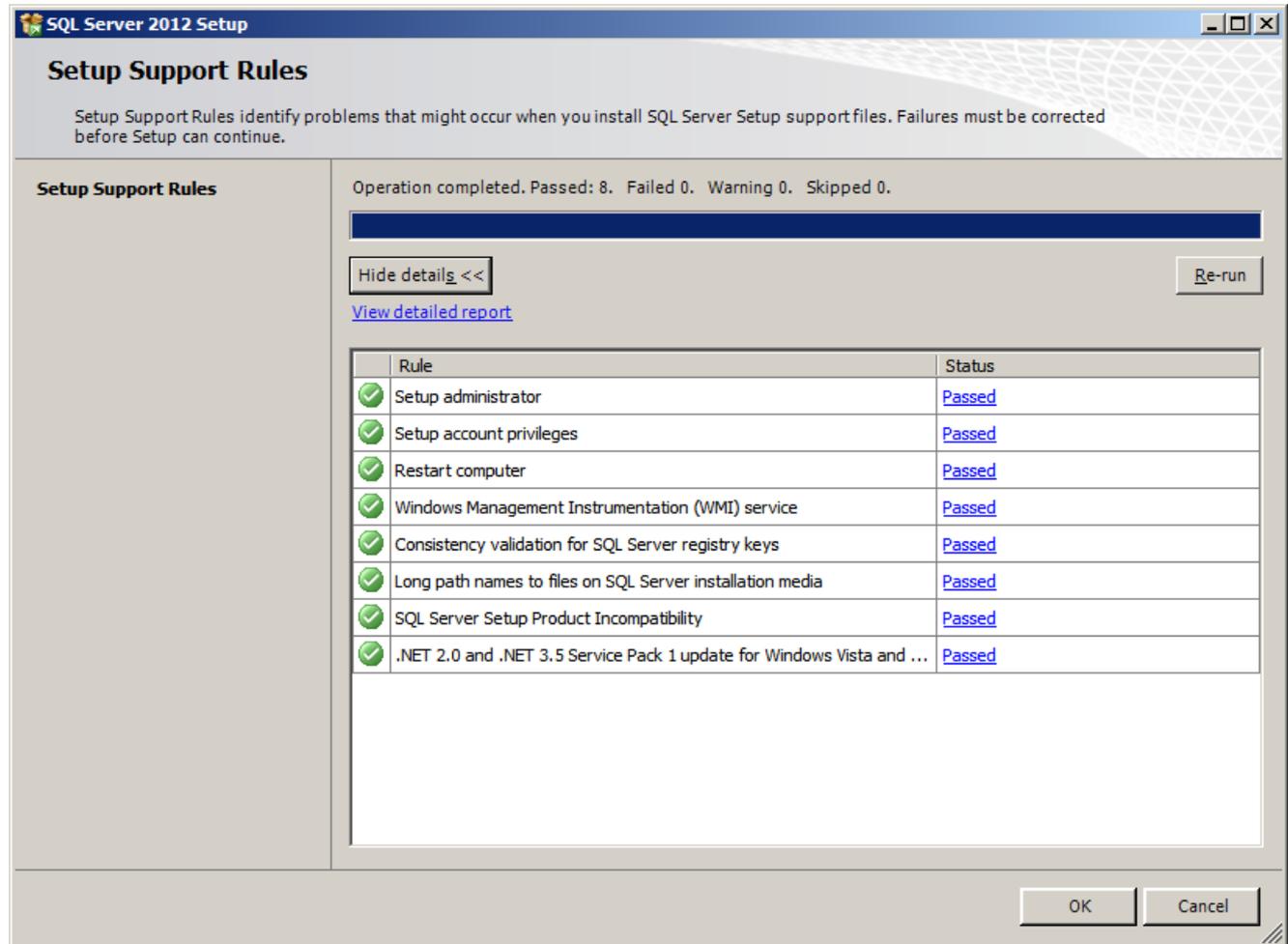
In the SQL Server Installation Center, we should click on Installation on the left side of the dialog box and then we pick New SQL Server stand-alone installation on the right side of the window.



# Setup Support Roles

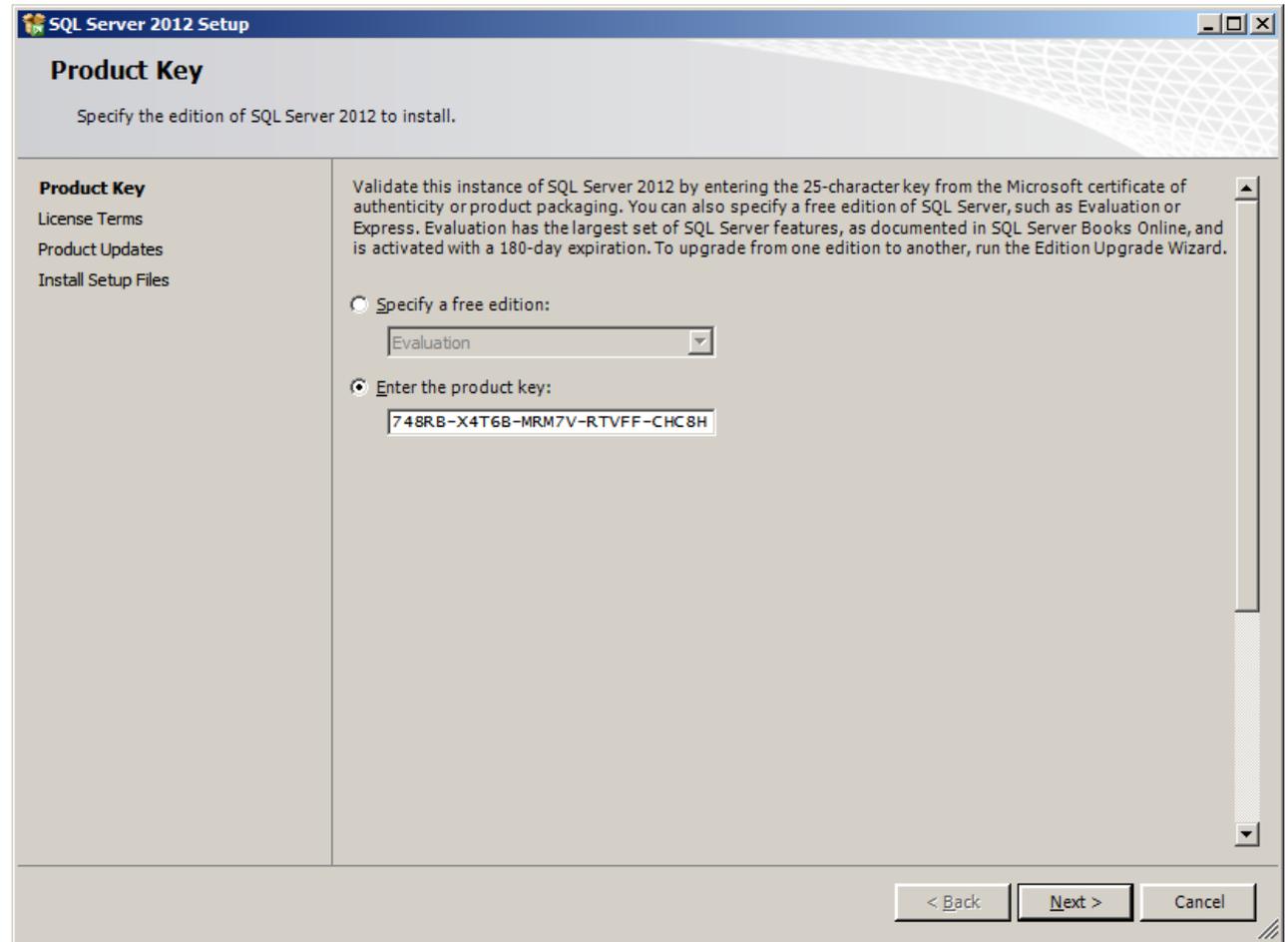
On the Setup Support Rules page, we see the results of eight operations. We want each of them to pass.

We then press OK to continue.



# Product Key

We enter the product key of the software.



The screenshot shows the 'SQL Server 2012 Setup' window with the 'Product Key' tab selected. The window title is 'SQL Server 2012 Setup'. The main heading is 'Product Key' with the instruction 'Specify the edition of SQL Server 2012 to install.' Below this, there is a sidebar on the left with links: 'Product Key', 'License Terms', 'Product Updates', and 'Install Setup Files'. The main area contains a text box explaining that the user must validate the instance by entering a 25-character key from a Microsoft certificate of authenticity or product packaging. It also mentions that a free edition like Evaluation or Express is available, but that Evaluation has a 180-day expiration. Two radio buttons are present: 'Specify a free edition:' (unselected) and 'Enter the product key:' (selected). Under 'Specify a free edition:', there is a dropdown menu currently showing 'Evaluation'. Under 'Enter the product key:', there is a text input field containing the key '748RB-X4T6B-MRM7V-RTVFF-CHC8H'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

SQL Server 2012 Setup

## Product Key

Specify the edition of SQL Server 2012 to install.

**Product Key**  
License Terms  
Product Updates  
Install Setup Files

Validate this instance of SQL Server 2012 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.

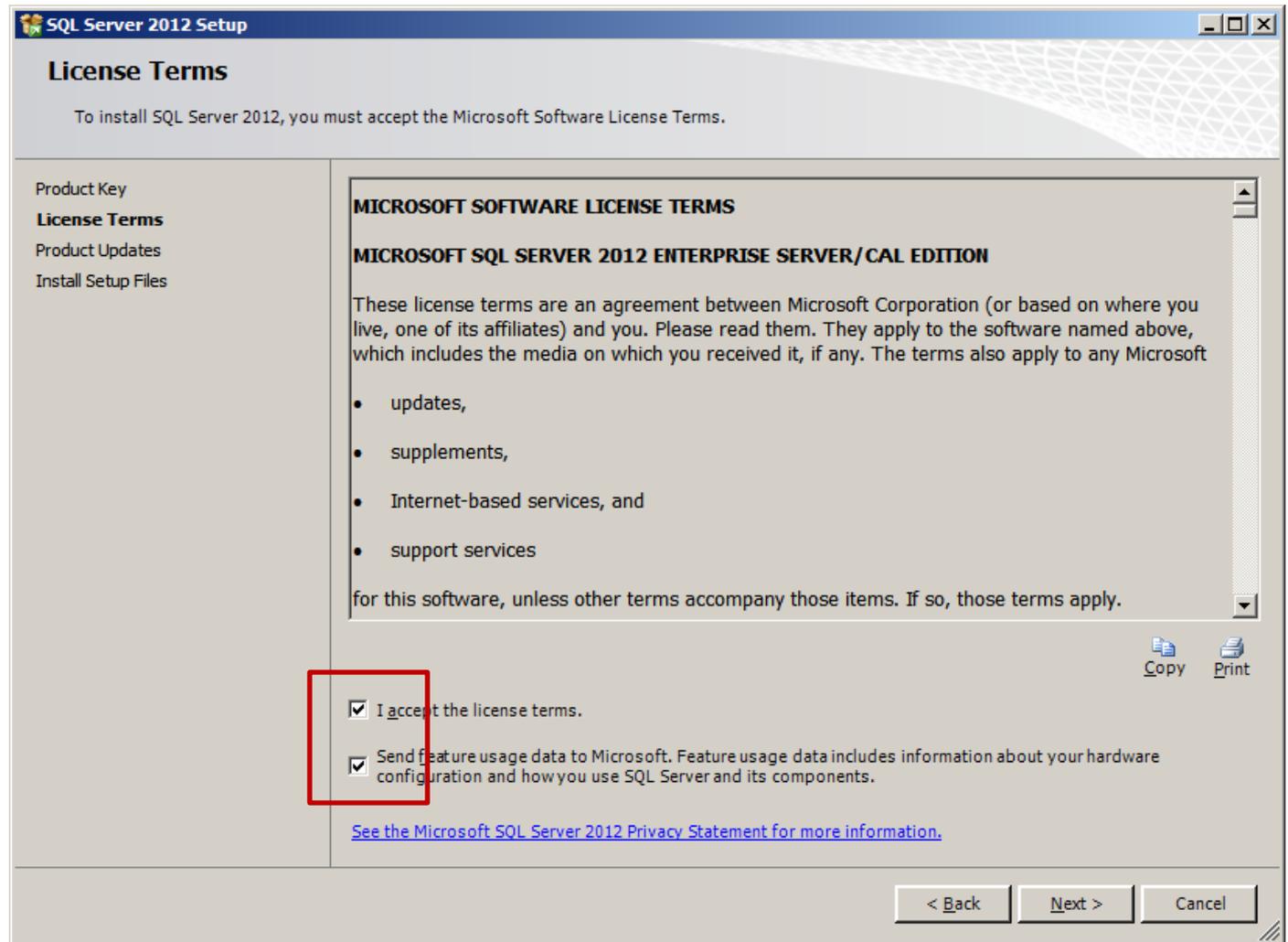
Specify a free edition:  
Evaluation

Enter the product key:  
748RB-X4T6B-MRM7V-RTVFF-CHC8H

< Back   Next >   Cancel

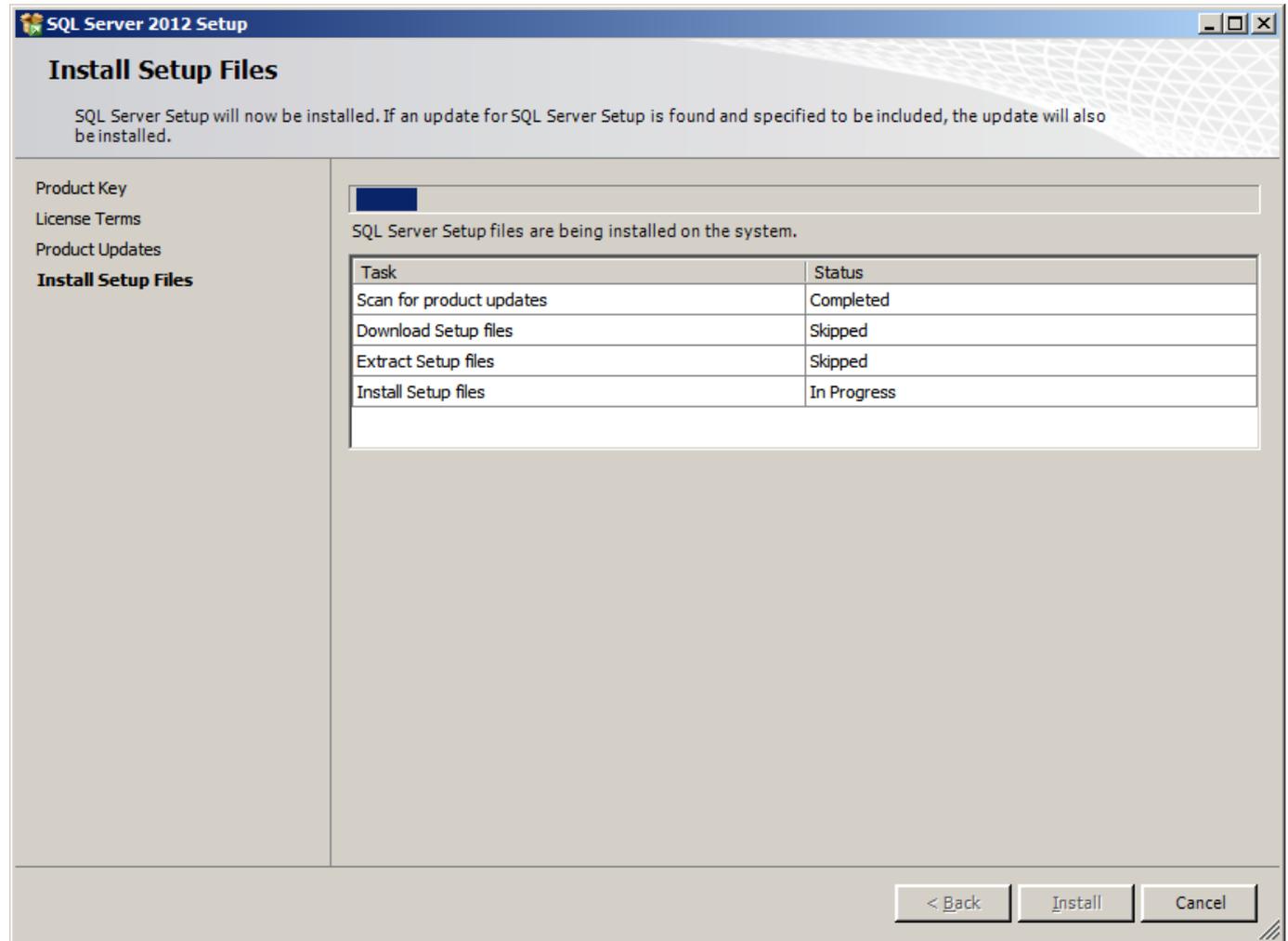
# License Terms

Next, we except the license terms and we will approve sending usage data to Microsoft.



# Install Setup Files

Next, the setup files are installed.



# Setup Support Rules

On the Setup Support Rules page, we see the results of eight operations. We want each of them to pass.

We then press OK to continue.

**SQL Server 2012 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.

Operation completed. Passed: 8. Failed 0. Warning 0. Skipped 0.

Hide details << Re-run

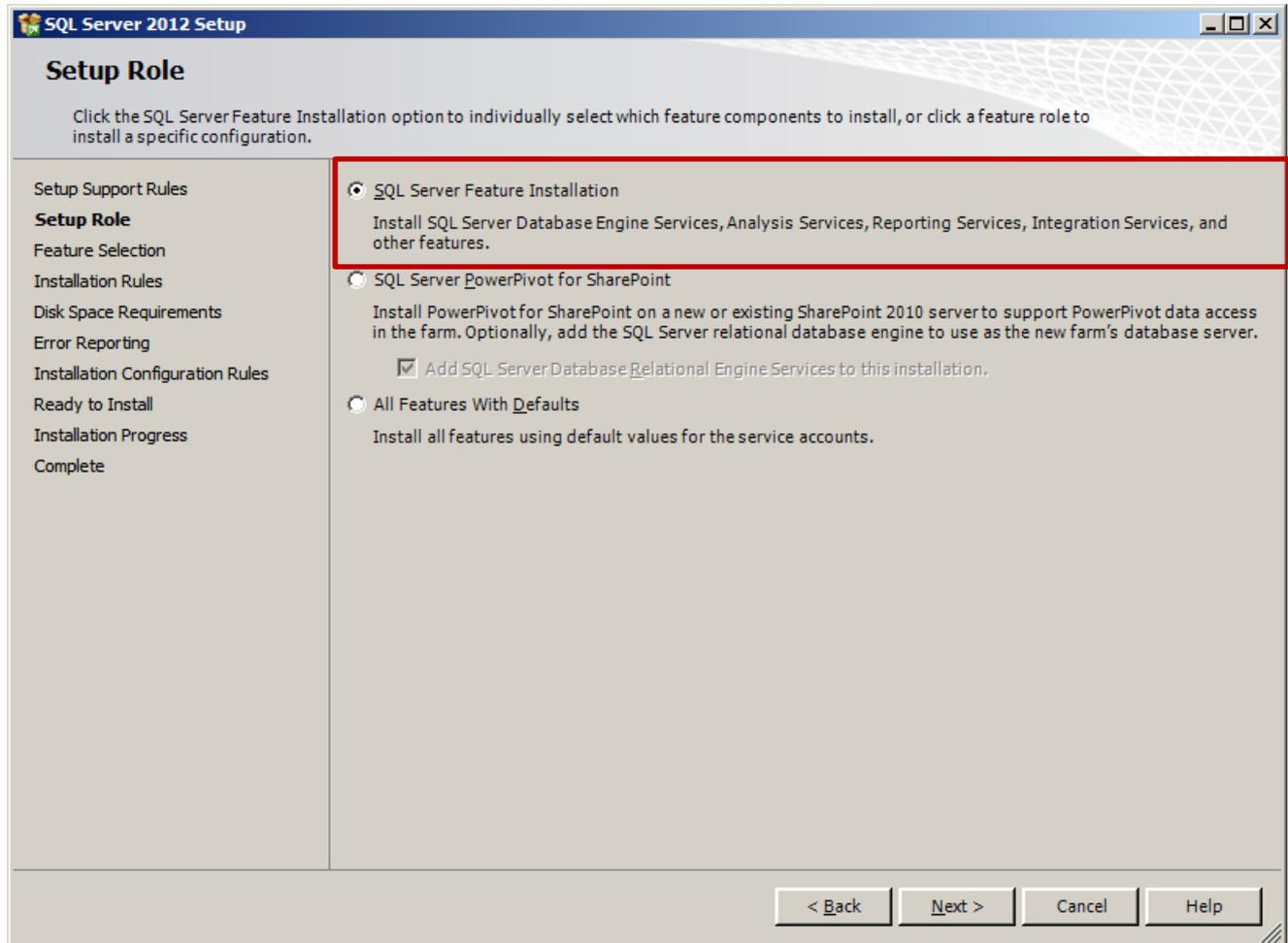
[View detailed report](#)

Rule	Rule name	Status
✓	Fusion Active Template Library (ATL)	<a href="#">Passed</a>
✓	Previous releases of SQL Server 2008 Business Intelligence Develop...	<a href="#">Passed</a>
✓	No SxS install with SQL Server "Denali" CTP0	<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="#">Passed</a>
✓	Edition WOW64 platform	<a href="#">Passed</a>
✓	Windows Firewall	<a href="#">Passed</a>

< Back   Next >   Cancel   Help

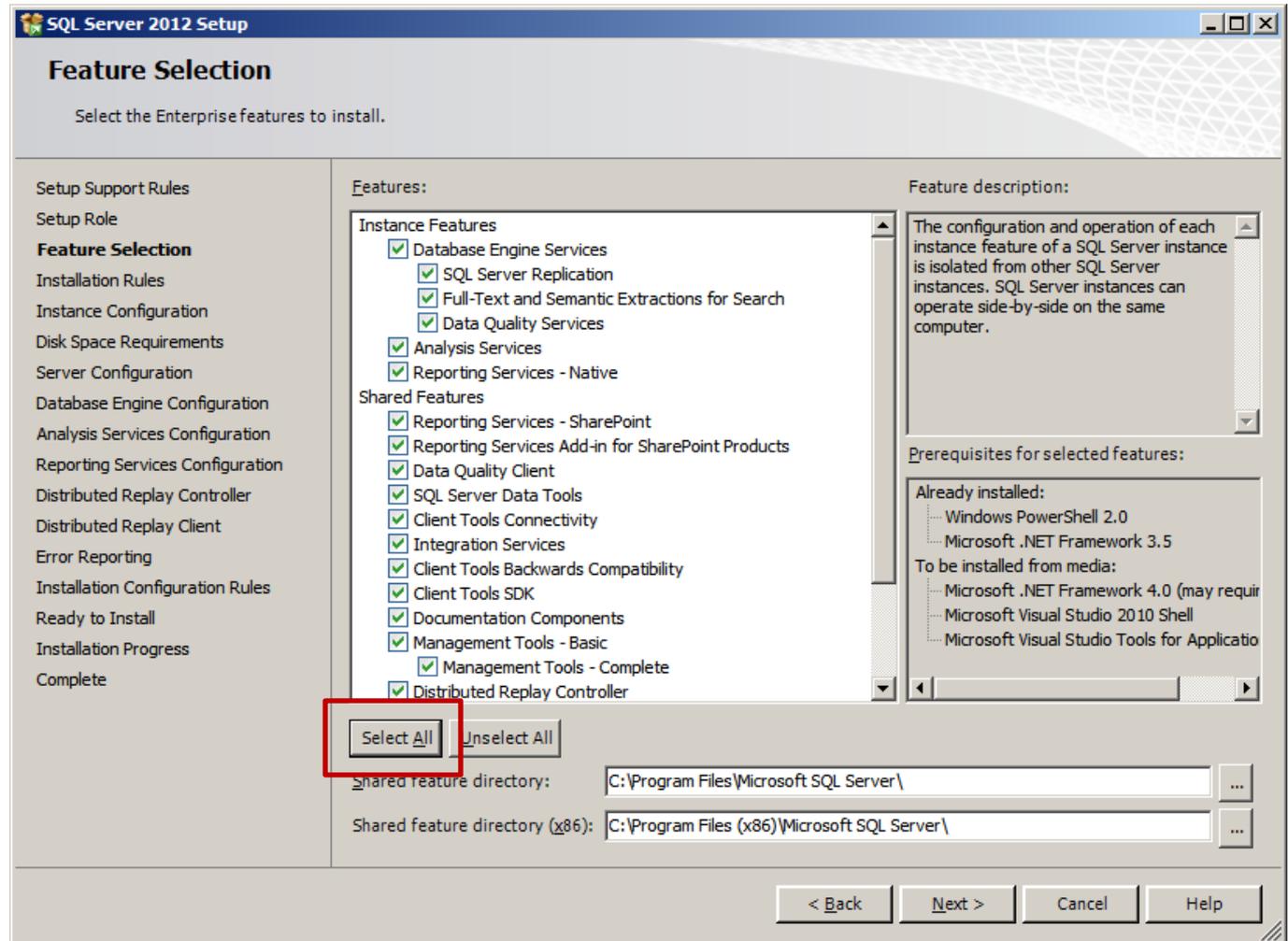
# Setup Role

We choose SQL Server Feature Installation.



# Feature Selection

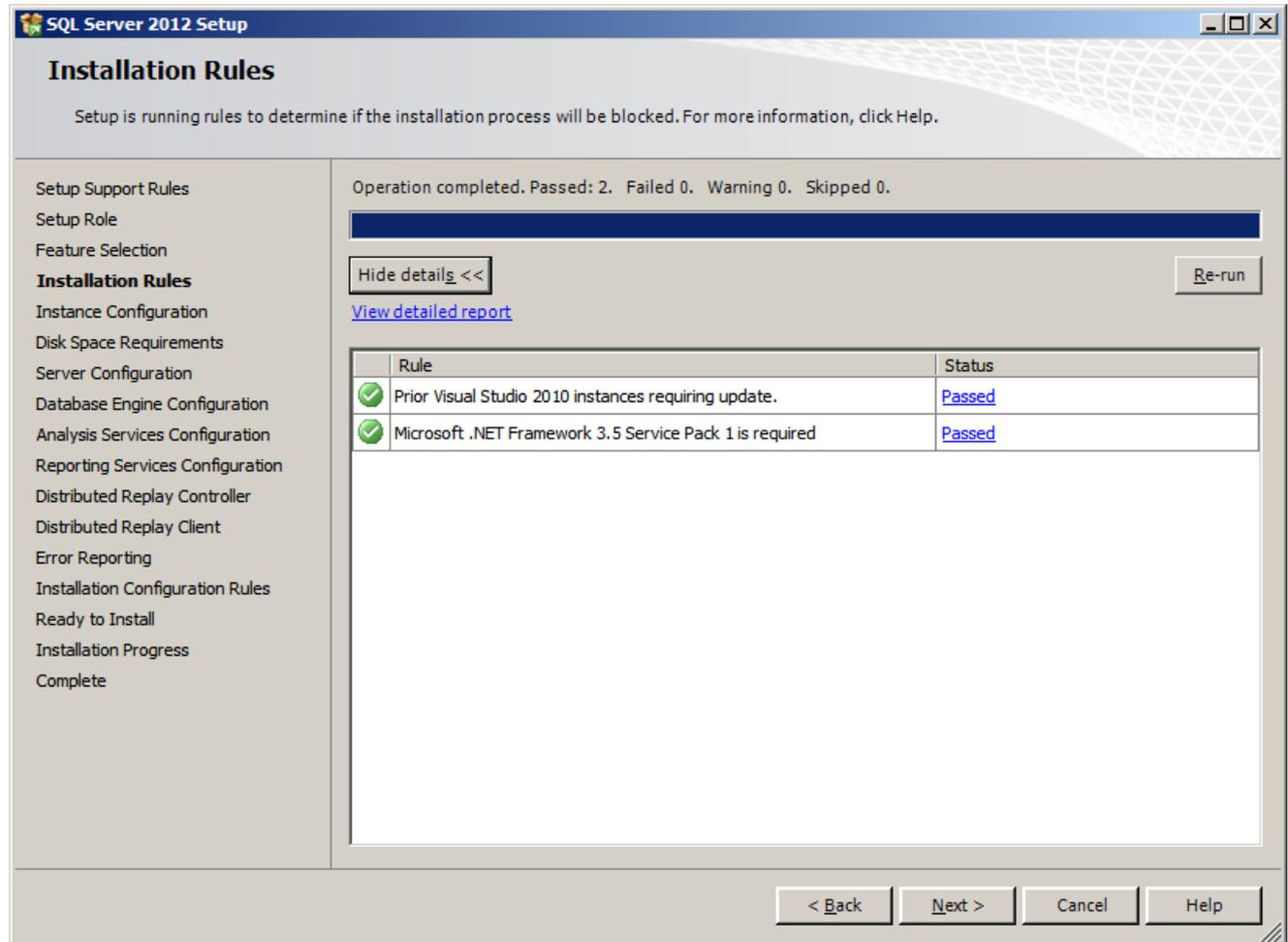
We will pick the Select All button and then push the Next button.



# Installation Rules

On the Installation Rules page, we see the results of two operations. We want each of them to pass.

We then press Next to advance.



# Instance Configuration

Give the SQL server an unique ID and press next.

**SQL Server 2012 Setup**

### Instance Configuration

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

Default instance

Named instance:

Instance ID:

Instance root directory:  ...

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER

Analysis Services directory: C:\Program Files\Microsoft SQL Server\MSAS11.MSSQLSERVER

Reporting Services directory: C:\Program Files\Microsoft SQL Server\MSRS11.MSSQLSERVER

Installed instances:

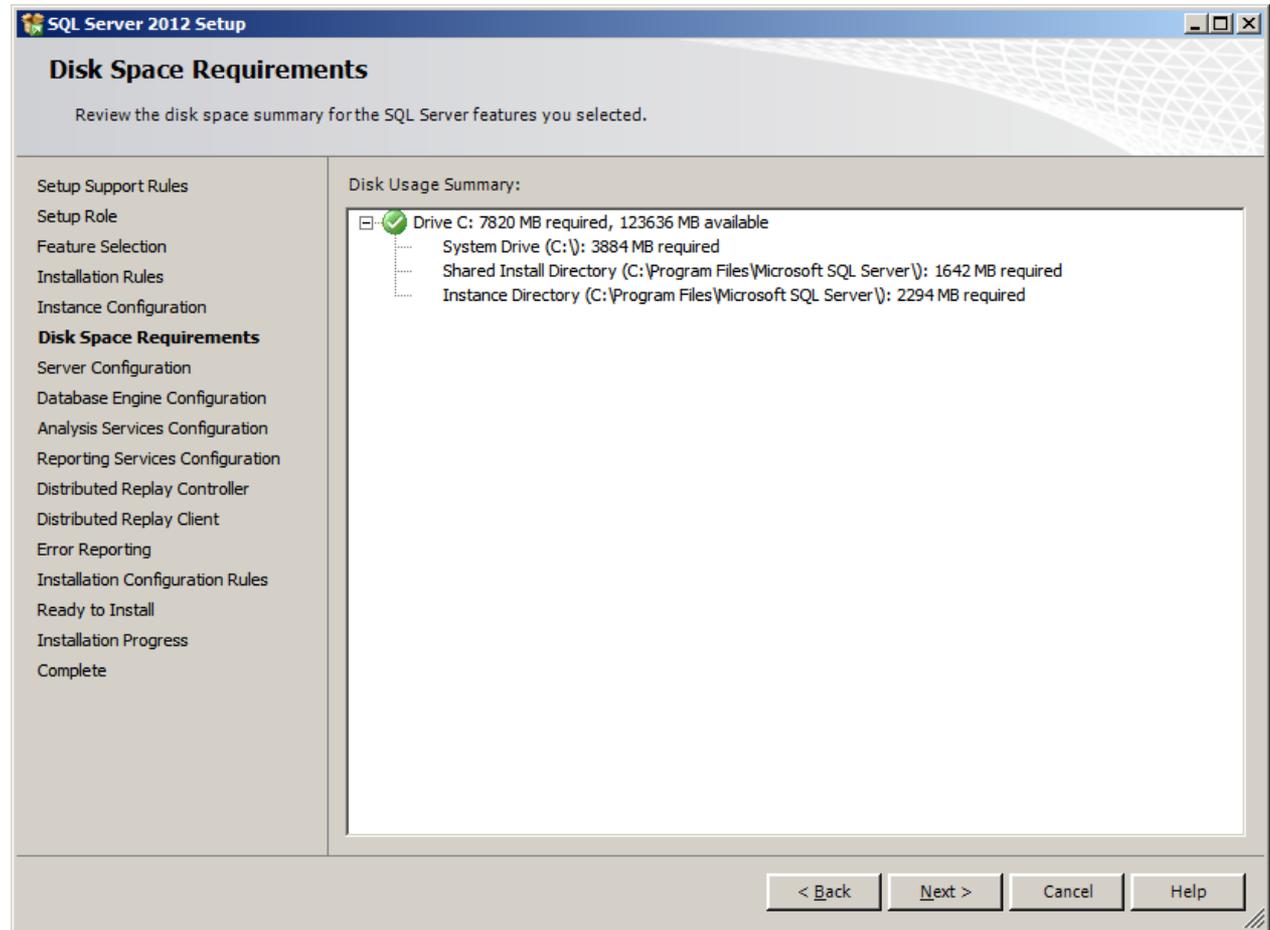
Instance Name	Instance ID	Features	Edition	Version
MSSQLSERVER	MSSQL.1, MSSQL.2	SQLEngine, SQLEngin...	Developer	9.00.1399.06
<Shared Component...		DTS, Tools, Tools\To...		9.00.1399.06

< Back    Next >    Cancel    Help

# Disk Space Requirement

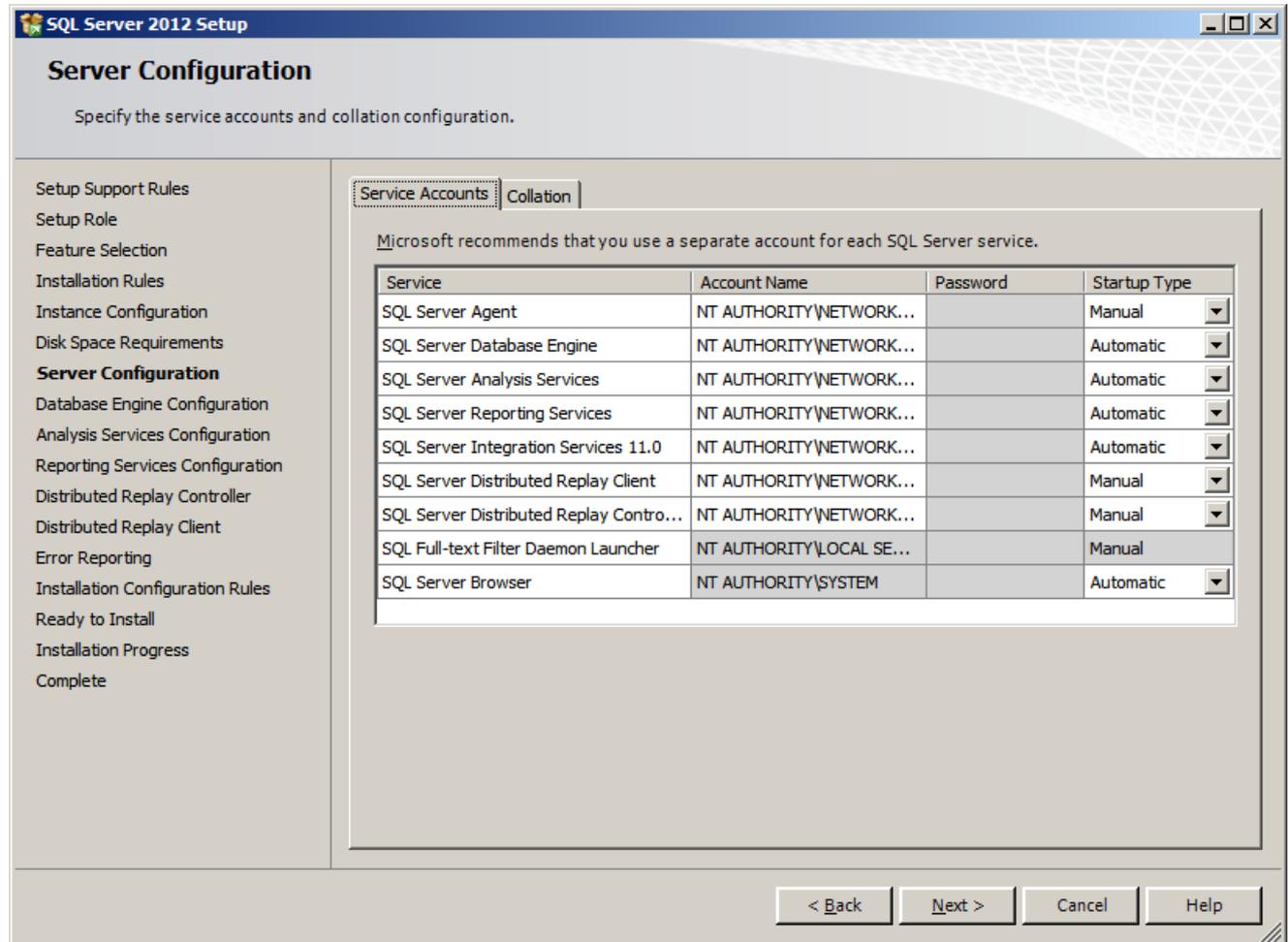
On the Disk Space Requirement page, we see the results of the single operations. We want each of them to pass.

We then press Next to go on.



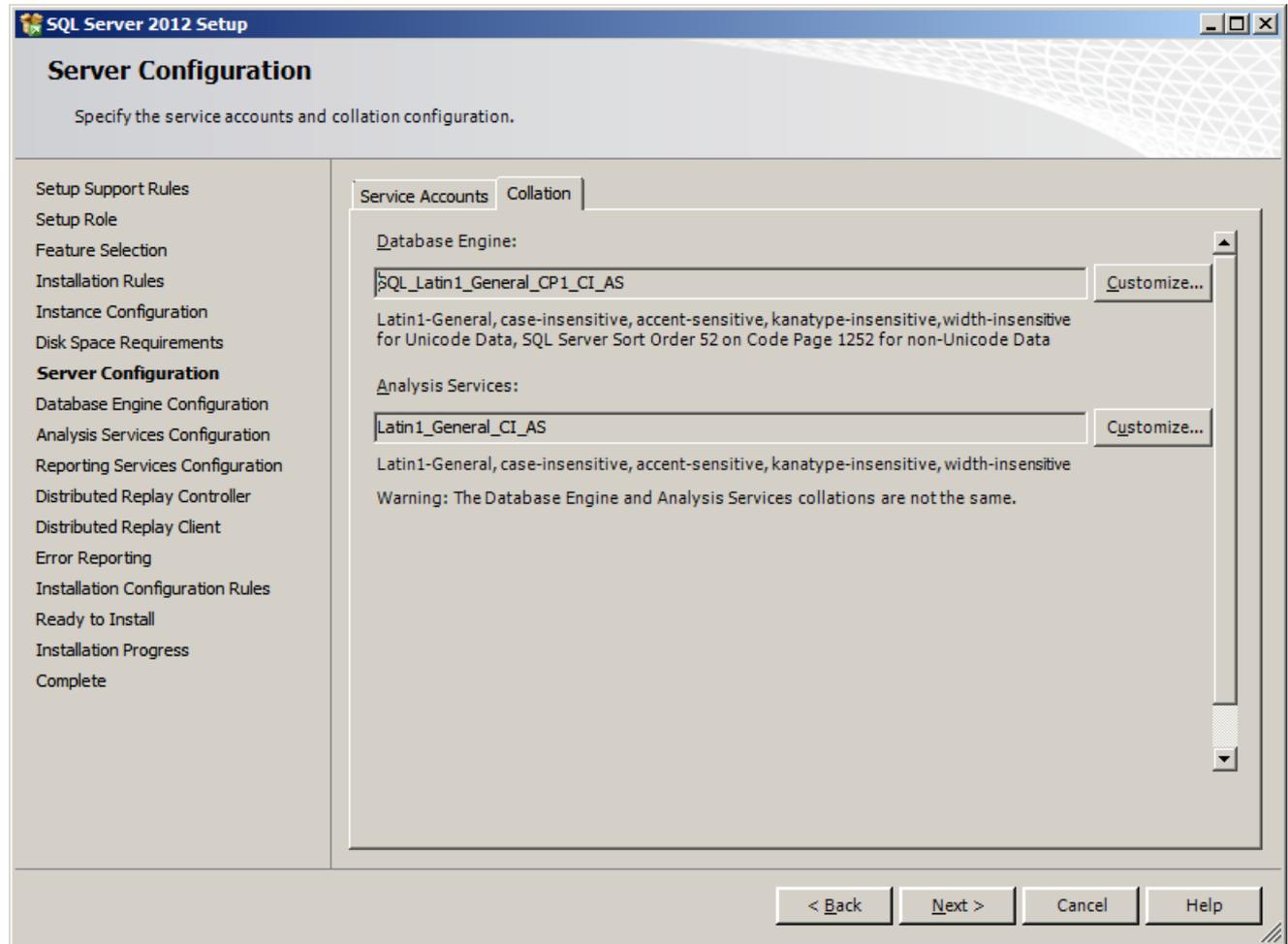
# Server Configuration

We check the services on the Service Account tab.



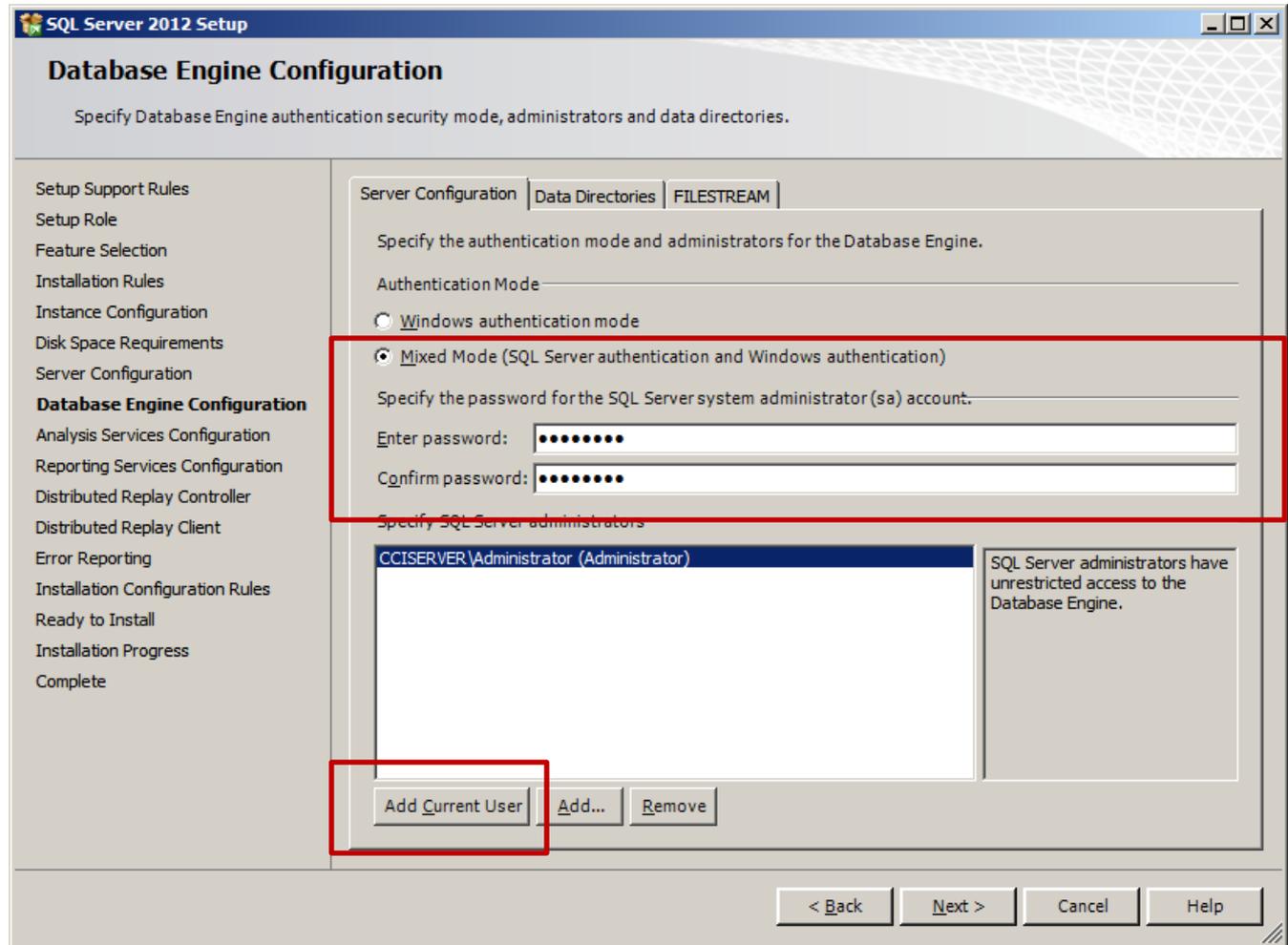
# Server Configuration

We check the Collation tab.



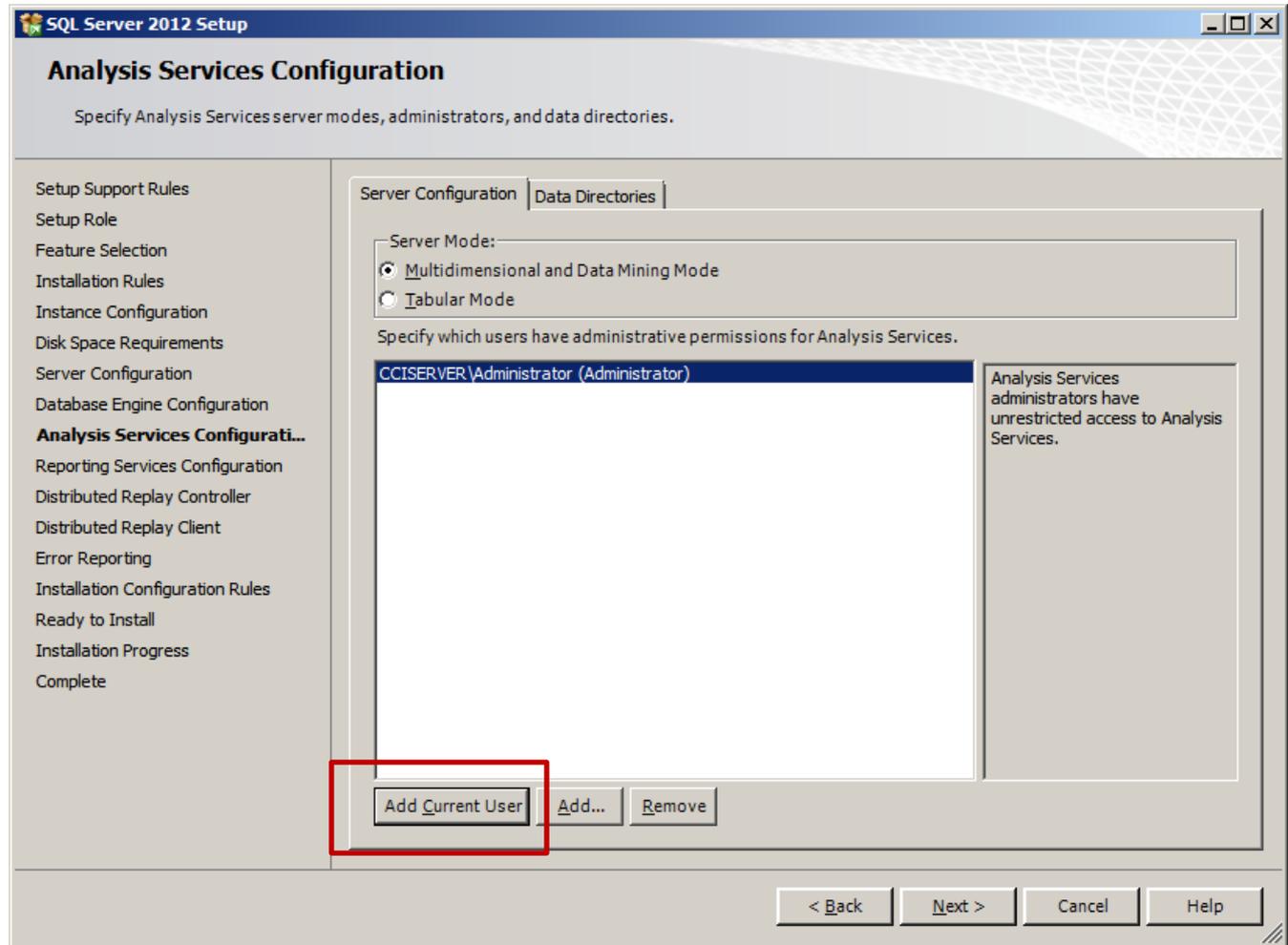
# Password

We enter and confirm the server password. We also add the current user by pressing that same name button.



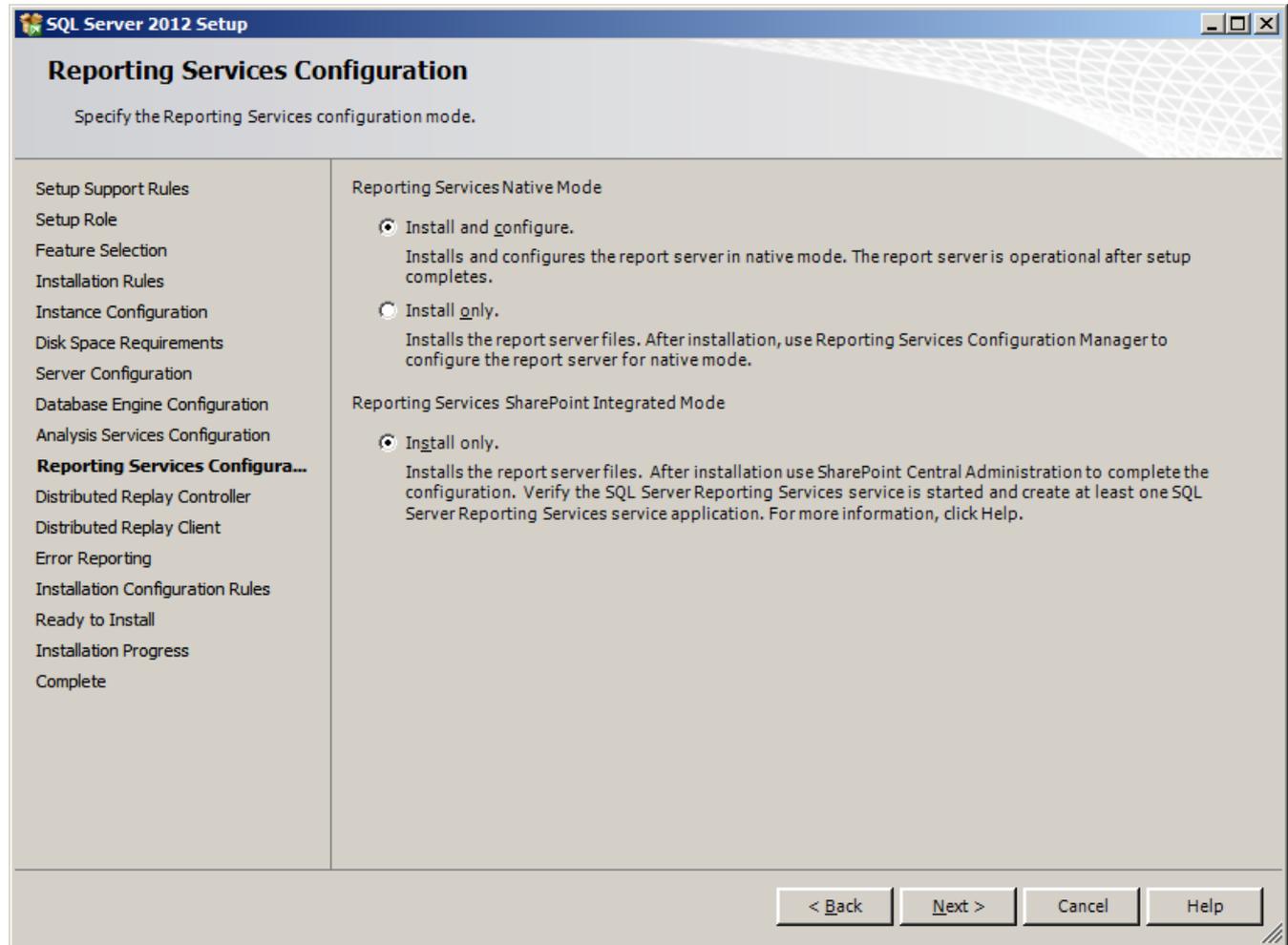
# Analysis Services Configuration

We again add the current user by pressing that same name button.



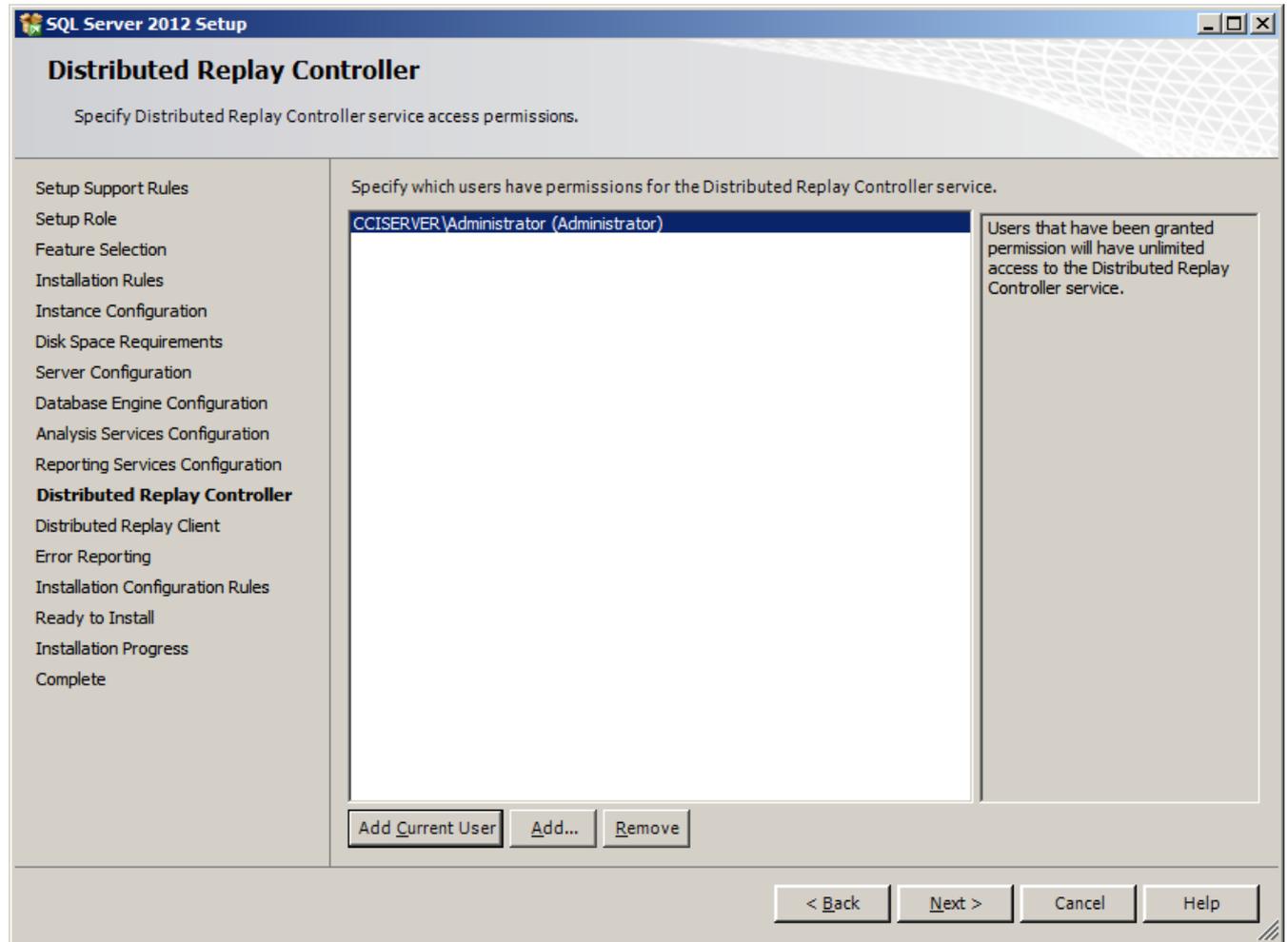
# Reporting Services Configuration

We want to opt for install and configure reporting services native mode. We also opt for install only for reporting services SharePoint integrated mode.



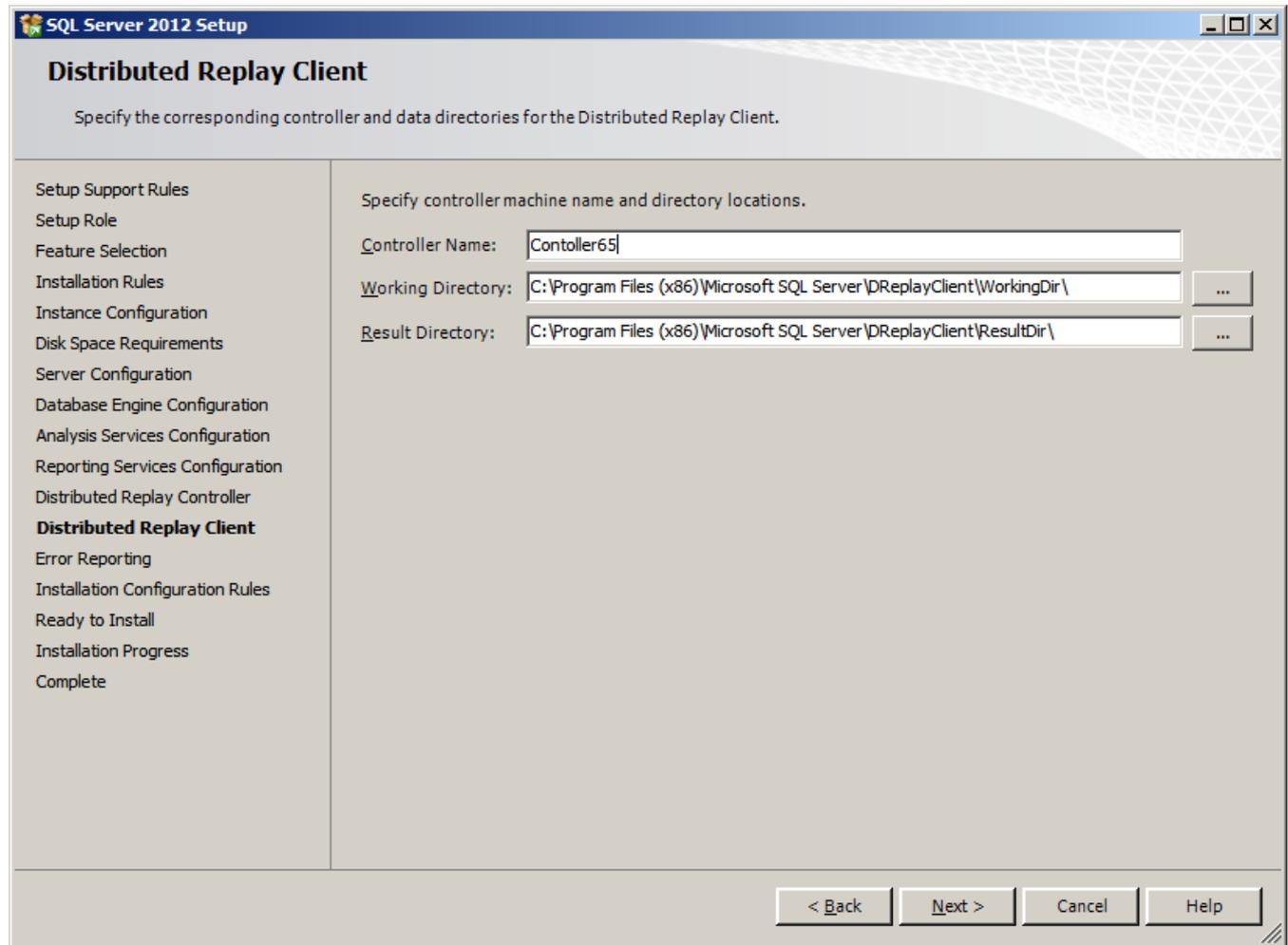
# Distributed Replay Controller

We add the current user by pressing that same name button.



# Distributed Replay Client

We named our controller “Controller 65”, so we want an unique name.



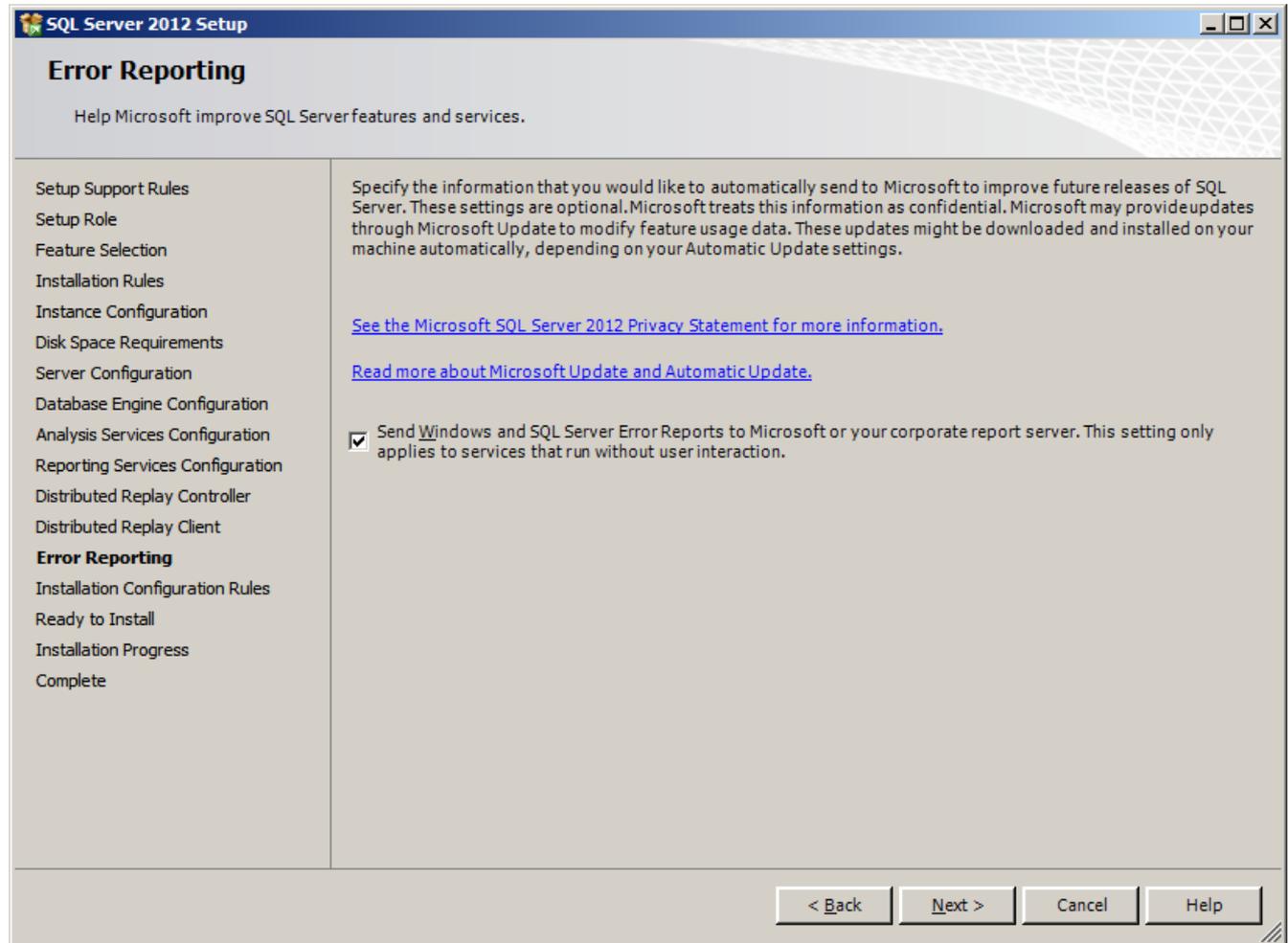
The screenshot shows the 'SQL Server 2012 Setup' window with the 'Distributed Replay Client' configuration step selected. The window title is 'SQL Server 2012 Setup' and the subtitle is 'Distributed Replay Client'. Below the subtitle, it says 'Specify the corresponding controller and data directories for the Distributed Replay Client.' The left sidebar lists various setup steps, with 'Distributed Replay Client' highlighted. The main area contains the following fields:

- Controller Name:** Contoller65
- Working Directory:** C:\Program Files (x86)\Microsoft SQL Server\DReplayClient\WorkingDir\
- Result Directory:** C:\Program Files (x86)\Microsoft SQL Server\DReplayClient\ResultDir\

At the bottom of the window, there are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'.

# Error Reporting

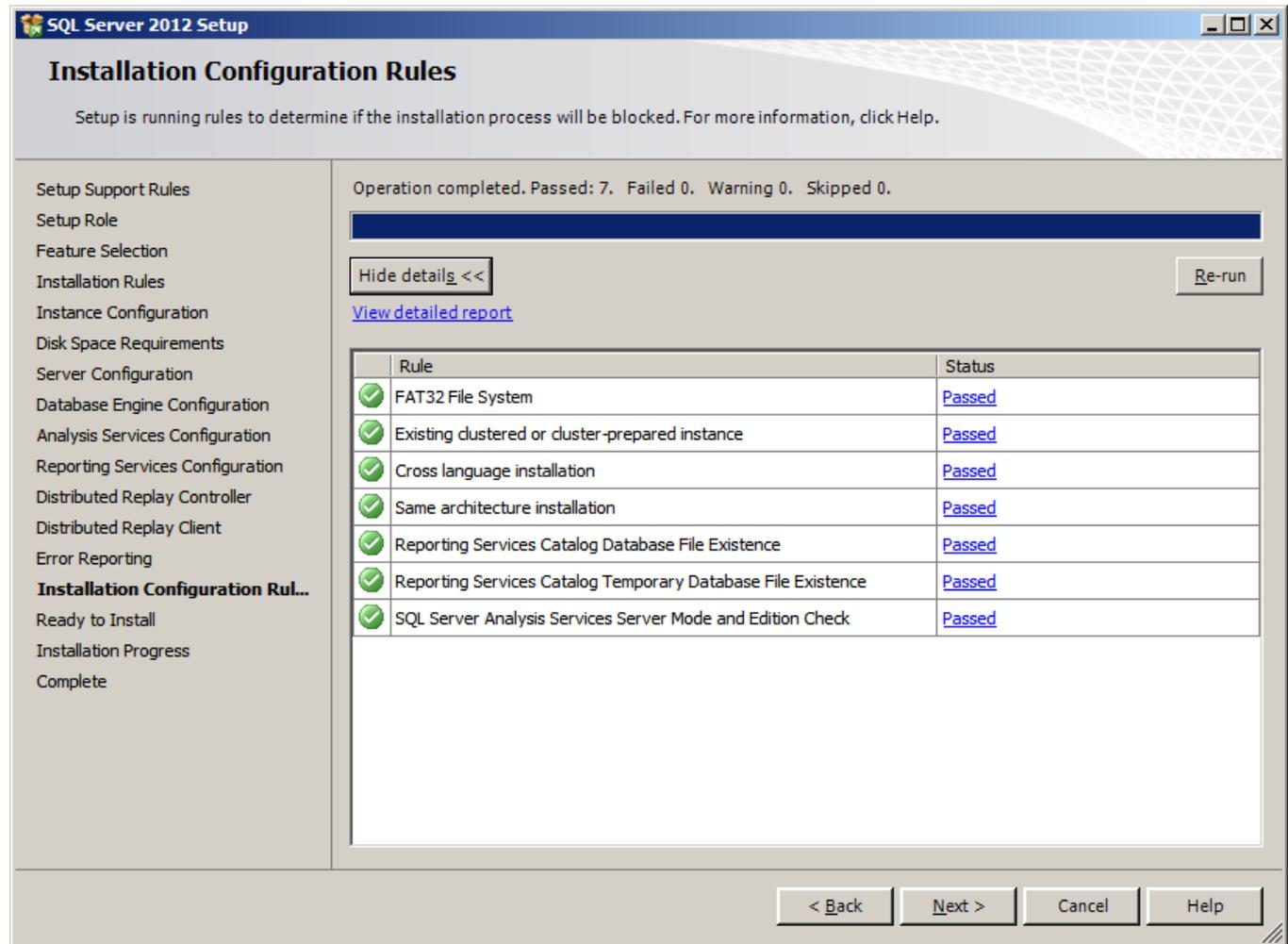
We accept the default and press Next.



# Installation Configuration Rules

On the Installation Configuration Rules page, we see the results of seven completed operations. We want each of them to pass.

We then press Next to advance.

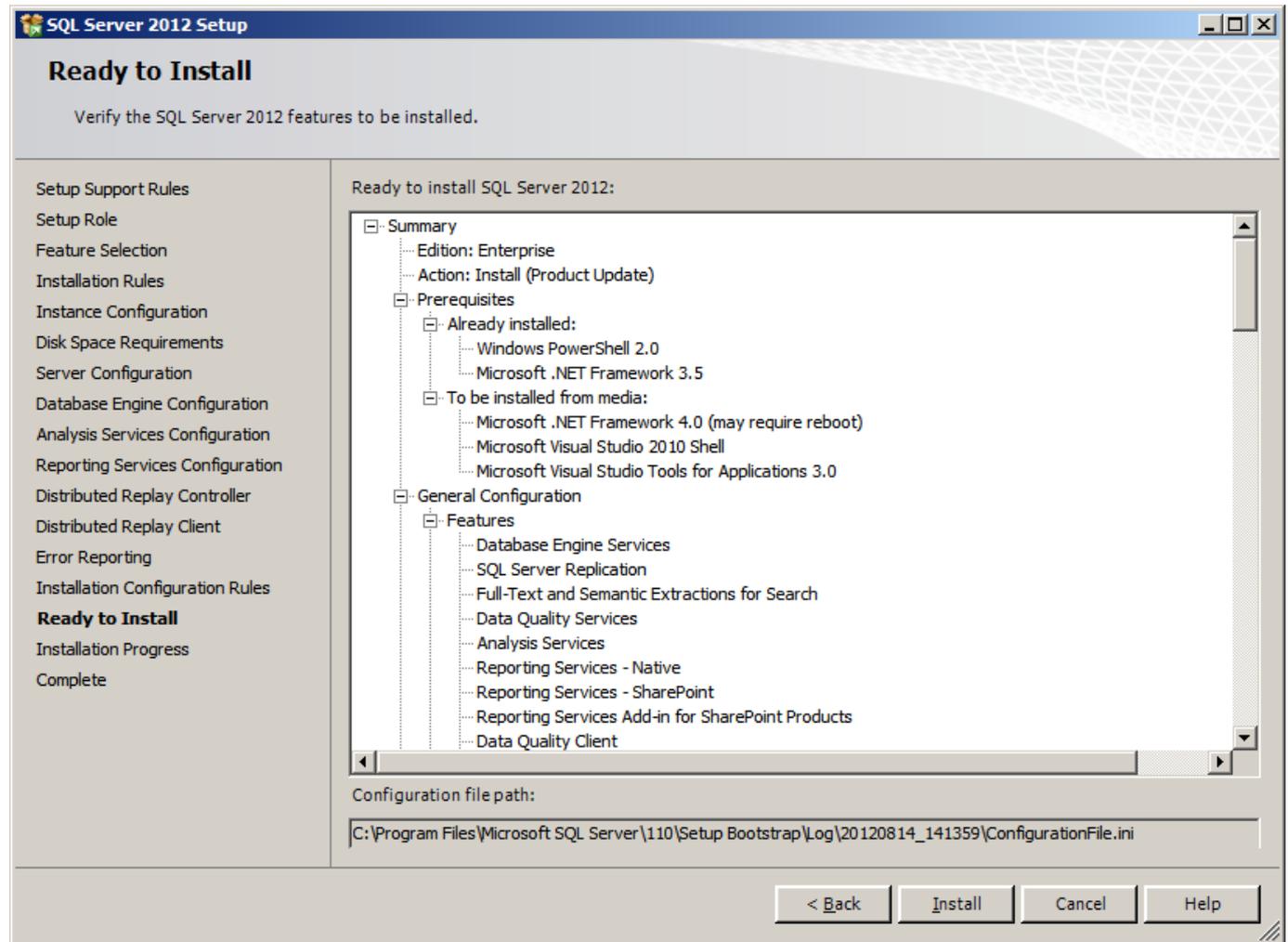


The screenshot shows the 'SQL Server 2012 Setup' window, specifically the 'Installation Configuration Rules' page. The window title bar reads 'SQL Server 2012 Setup'. The main heading is 'Installation Configuration Rules'. Below the heading, a message states: 'Setup is running rules to determine if the installation process will be blocked. For more information, click Help.' The left sidebar contains a list of installation steps, with 'Installation Configuration Rules' highlighted. The main area displays the results of the rules check: 'Operation completed. Passed: 7. Failed 0. Warning 0. Skipped 0.' Below this, there is a 'Hide details <<' button and a 'View detailed report' link. A table lists the rules and their status, all of which are 'Passed'. At the bottom right, there are buttons for '< Back', 'Next >', 'Cancel', and 'Help'.

Rule	Status
✓ FAT32 File System	<a href="#">Passed</a>
✓ Existing clustered or cluster-prepared instance	<a href="#">Passed</a>
✓ Cross language installation	<a href="#">Passed</a>
✓ Same architecture installation	<a href="#">Passed</a>
✓ Reporting Services Catalog Database File Existence	<a href="#">Passed</a>
✓ Reporting Services Catalog Temporary Database File Existence	<a href="#">Passed</a>
✓ SQL Server Analysis Services Server Mode and Edition Check	<a href="#">Passed</a>

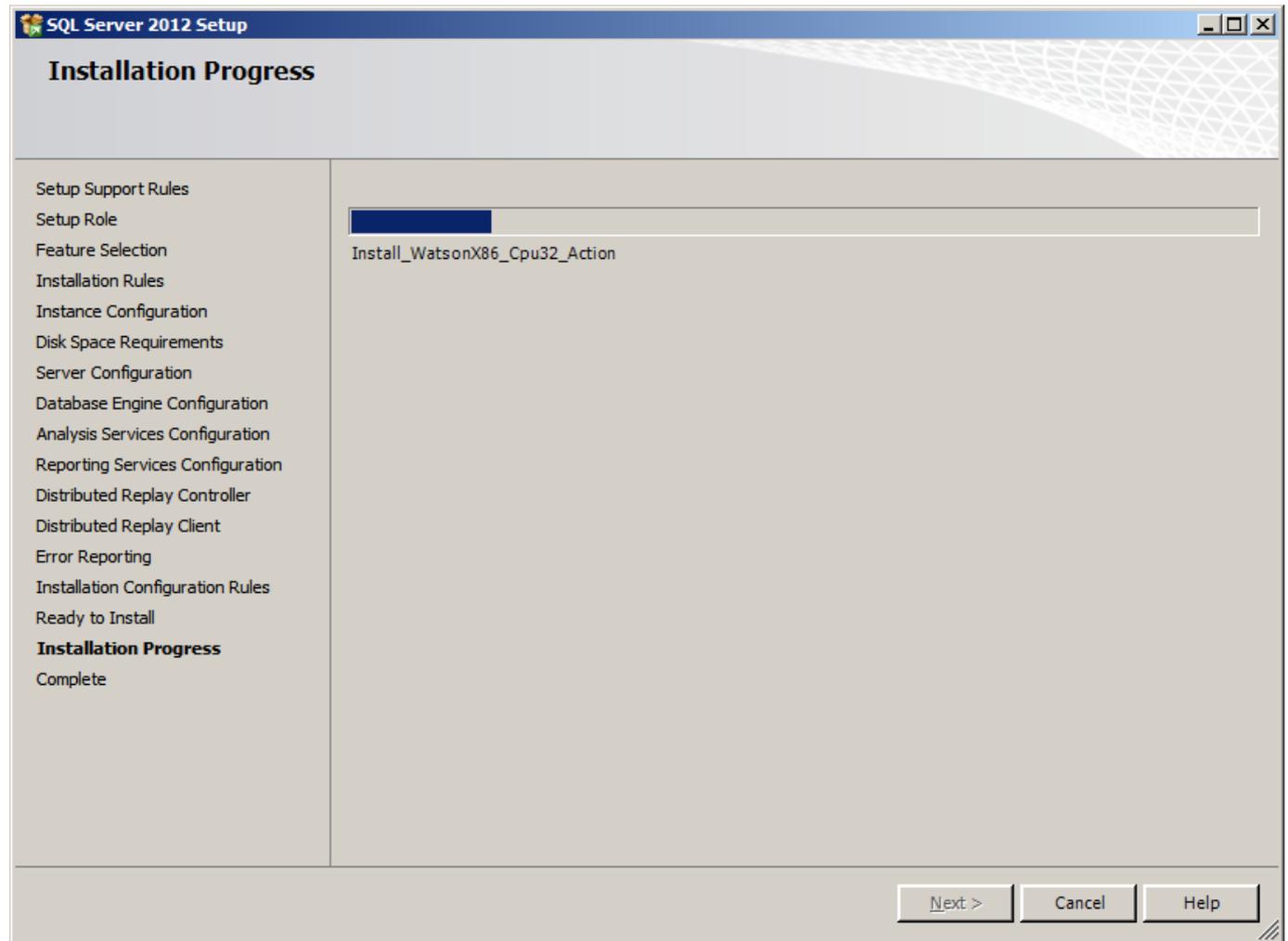
# Ready to Install

We can check the summary and then pick the Install button.



# Installation Progress

It will take about an hour to install the software.



# Installation Completed

We succeeded in the installation.

