



System Center Configuration Manager 2012

White Paper to Install and Configure SCCM 2012

Satyam Krishna

satnix@gmail.com

System Center Configuration Manager (ConfigMgr or Configuration Manager), formerly Systems Management Server (SMS), is a systems management software product by Microsoft for managing large groups of Windows-based computer systems. Configuration Manager provides remote control, patch management, software distribution, operating system deployment, network access protection, and hardware and software inventory.

SCCM 2012 is currently in Beta Phase. It was formerly called **V.Next**.

System Center Configuration Manager 2007 **comprehensively assesses, deploys, and updates servers, client computers, and devices-across physical, virtual, distributed, and mobile environments.** Optimized for Windows and tightly integrated with Windows 7, it is the best choice for gaining enhanced insight into and control over IT systems. With up to 70% of a system's total cost incurred in the form of maintenance, effectively managing a company's IT infrastructure is one of the best ways to help reduce total cost of ownership (TCO). System Center Configuration Manager is used for configuration management globally by more enterprises than any other solution, and helps organizations large and small drive greater efficiency and control.

A lot of pre requisites are required before one actually installs Configuration Manager.

In this white paper, step by step procedure has been given with snapshots to install pre requisites and then install Configuration Manager 2012.

To Setup Configuration Manager:

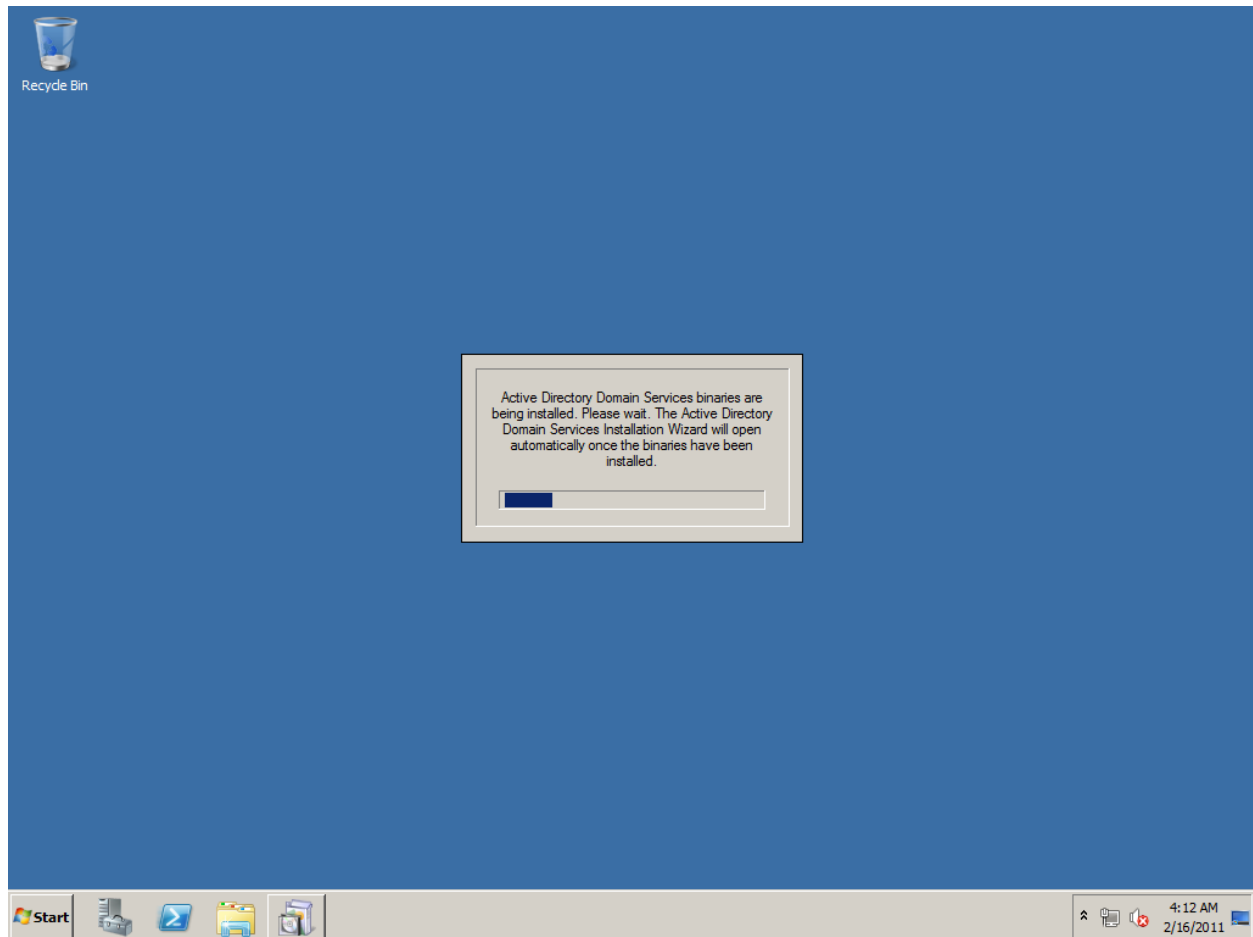
- 1) Oracle Virtual Box to host the Virtual Machines Lab
- 2) Windows Server 2008
- 3) Windows XP, Vista, 7 Virtual Machine as Client for deploying Applications
- 4) Active Directory setup
- 5) SQL Server 2008
- 6) .net Framework 4.0
- 7) Web Server (IIS) & Windows Server Update Service (WSUS)
- 8) Running EXDASCH
- 9) Setting up ADSI
- 10) Configuring WEBDAV ON IIS 7.5
- 11) Setting up Active Directory Service Interfaces (ADSI)
- 12) Installing SQL SERVER 977443 KB SERVICE PACK
- 13) Installing two features: Background Intelligent Transfer Service BITS and REMOTE DIFFERENTIAL
- 14) SCCM 2012 V.NEXT

I have installed Server VM with Windows Server 2008 and Client machine with Windows XP. All of the installations defined below will be done on Server. Once SCCM is installed then add Client machine to the Domain using Active Directory.

ACTIVE DIRECTORY

Launch Windows Server 2008 VM as one has to configure Active directory on the Server


To Set up Active Directory type **dcpromo.exe** on RUN :





Active Directory Domain Services Installation Wizard

Operating System Compatibility
Improved security settings in Windows Server 2008 and Windows Server 2008 R2 affect older versions of Windows

 Windows Server 2008 and "Windows Server 2008 R2" domain controllers have a new more secure default for the security setting named "Allow cryptography algorithms compatible with Windows NT 4.0." This setting prevents Microsoft Windows and non-Microsoft SMB "clients" from using weaker NT 4.0 style cryptography algorithms when establishing security channel sessions against Windows Server 2008 or "Windows Server 2008 R2" domain controllers. As a result of this new default, operations or applications that require a security channel serviced by Windows Server 2008 or "Windows Server 2008 R2" domain controllers might fail.

Platforms impacted by this change include Windows NT 4.0, as well as non-Microsoft SMB "clients" and network-attached storage (NAS) devices that do not support stronger cryptography algorithms. Some operations on clients running versions of Windows earlier than Windows Vista with Service Pack 1 are also impacted, including domain join operations performed by the Active Directory Migration Tool or Windows Deployment Services.

For more information about this setting, see Knowledge Base article 942564 (<http://go.microsoft.com/fwlink/?LinkId=104751>).

< Back Next > Cancel

Active Directory Domain Services Installation Wizard

Choose a Deployment Configuration
You can create a domain controller for an existing forest or for a new forest.

Existing forest

- Add a domain controller to an existing domain
- Create a new domain in an existing forest
This server will become the first domain controller in the new domain.
 - Create a new domain tree root instead of a new child domain

Create a new domain in a new forest

More about [possible deployment configurations](#)

< Back Next > Cancel

Active Directory Domain Services Installation Wizard

Name the Forest Root Domain

The first domain in the forest is the forest root domain. Its name is also the name of the forest.

Type the fully qualified domain name (FQDN) of the new forest root domain.

FQDN of the forest root domain:

Example: corp.contoso.com

< Back Next > Cancel



Recycle Bin

Active Directory Domain Services Installation Wizard

Name the Forest Root Domain

The first domain in the forest is the forest root domain. Its name is also the name of the forest.

Type the fully qualified domain name (FQDN) of the new forest root domain.

FQDN of the forest root domain:
CORP.SATNIX.COM


Example: corp

Verifying NetBIOS name...

< Back Next > Cancel

Start [Taskbar icons: printer, network, folder, CD-ROM] [System tray: volume, network, power] 4:18 AM 2/16/2011

Active Directory Domain Services Installation Wizard [X]

Domain NetBIOS Name 

This is the name that users of earlier versions of Windows will use to identify the new domain.

The wizard generates a default NetBIOS name. This wizard page appears only if you have selected advanced mode or the wizard has detected a conflict with the default name.

Either accept the name that has been generated by the wizard or type a new name and then click Next.

Domain NetBIOS name:

< Back Next > Cancel

Active Directory Domain Services Installation Wizard


Set Forest Functional Level
Select the forest functional level.

Forest functional level:
Windows Server 2008 R2

Details:
The Windows Server 2008 R2 forest functional level provides all the features that are available in the Windows Server 2008 forest functional level, plus the following additional feature:

- Recycle Bin, which, when it is enabled, provides the ability to restore deleted objects in their entirety while Active Directory Domain Services is running.

Any new domains that are created in this forest will operate by default at the Windows Server 2008 R2 domain functional level.

 You will be able to add only domain controllers that are running Windows Server 2008 R2 or later to this forest.

More about [domain and forest functional levels](#)

< Back Next > Cancel



Recycle Bin

Active Directory Domain Services Installation Wizard

Set Forest Functional Level

Select the forest functional level.

Forest functional level:
Windows Server 2008 R2

Details:

The Windows are available additional feat
- Re
del
Ser
Any new dom
Windows Ser

ures that following
store
he

Examining DNS configuration...

Yc
W

[More about domain and forest functional levels](#)

< Back Next > Cancel



4:20 AM
2/16/2011

Active Directory Domain Services Installation Wizard

Additional Domain Controller Options

Select additional options for this domain controller.

- DNS server
- Global catalog
- Read-only domain controller (RODC)

Additional information:

The first domain controller in a forest must be a global catalog server and cannot be an RODC.

We recommend that you install the DNS Server service on the first domain controller.

More about [additional domain controller options](#)

< Back Next > Cancel



Recycle Bin


Active Directory Domain Services Installation Wizard

Additional Domain Controller Options

Select additional options for this domain controller.

- DNS server
- Global catalog
- Read-only domain controller (RODC)

Active Directory Domain Services Installation Wizard

 A delegation for this DNS server cannot be created because the authoritative parent zone cannot be found or it does not run Windows DNS server. If you are integrating with an existing DNS infrastructure, you should manually create a delegation to this DNS server in the parent zone to ensure reliable name resolution from outside the domain "CORP.SATNIX.COM". Otherwise, no action is required.

Do you want to continue?

Yes No

< Back Next > Cancel

Active Directory Domain Services Installation Wizard

Location for Database, Log Files, and SYSVOL
Specify the folders that will contain the Active Directory domain controller database, log files, and SYSVOL.

For better performance and recoverability, store the database and log files on separate volumes.


Database folder:

Log files folder:

SYSVOL folder:

More about [placing Active Directory Domain Services files](#)

Active Directory Domain Services Installation Wizard [X]

Directory Services Restore Mode Administrator Password 

The Directory Services Restore Mode Administrator account is different from the domain Administrator account.

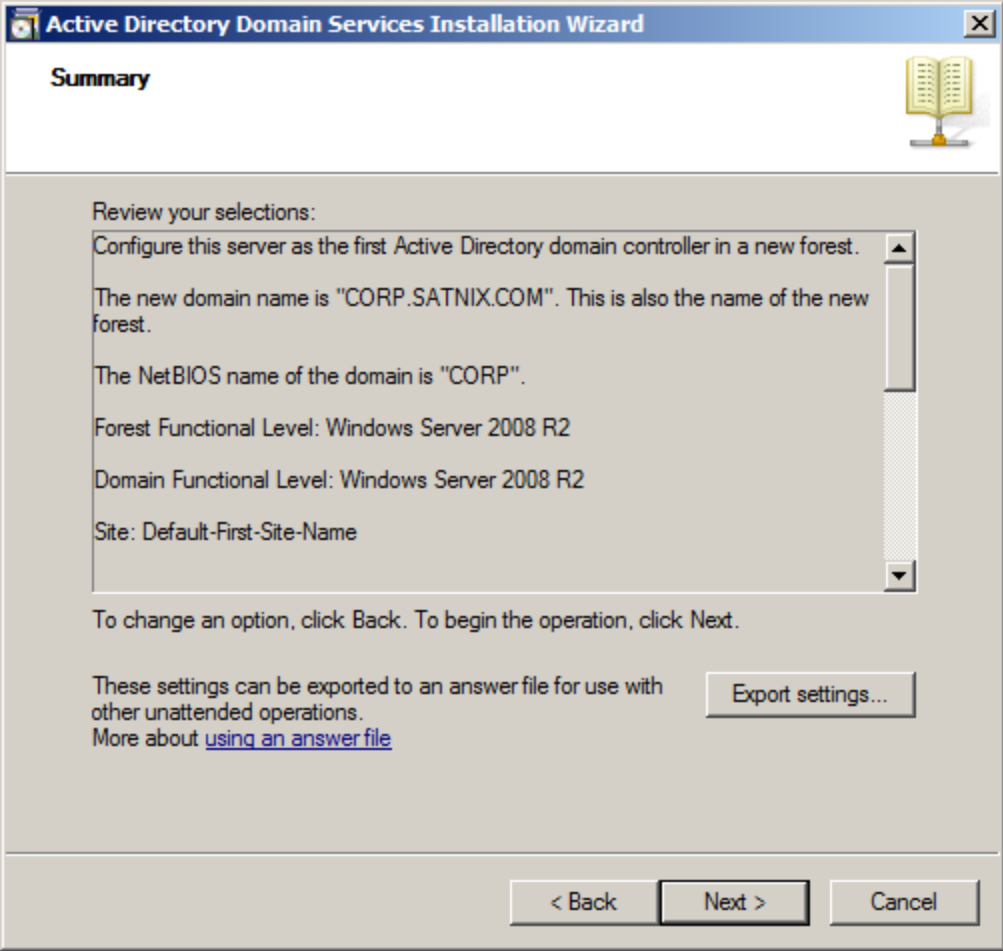
Assign a password for the Administrator account that will be used when this domain controller is started in Directory Services Restore Mode. We recommend that you choose a strong password.

Password:

Confirm password:

More about [Directory Services Restore Mode password](#)

< Back Next > Cancel



Summary

Review your selections:

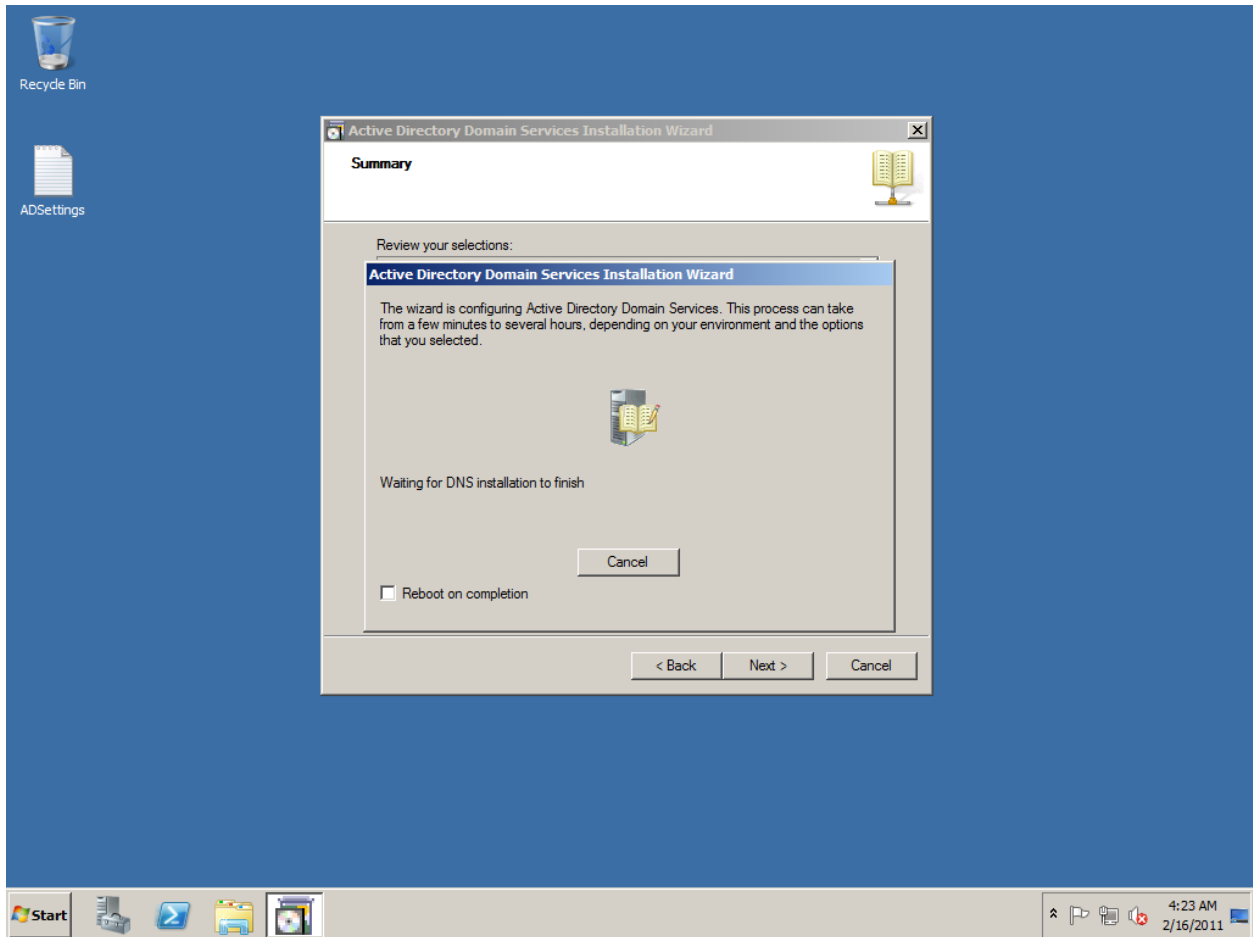
- Configure this server as the first Active Directory domain controller in a new forest.
- The new domain name is "CORP.SATNIX.COM". This is also the name of the new forest.
- The NetBIOS name of the domain is "CORP".
- Forest Functional Level: Windows Server 2008 R2
- Domain Functional Level: Windows Server 2008 R2
- Site: Default-First-Site-Name

To change an option, click Back. To begin the operation, click Next.

These settings can be exported to an answer file for use with other unattended operations.
More about [using an answer file](#)

Export settings...

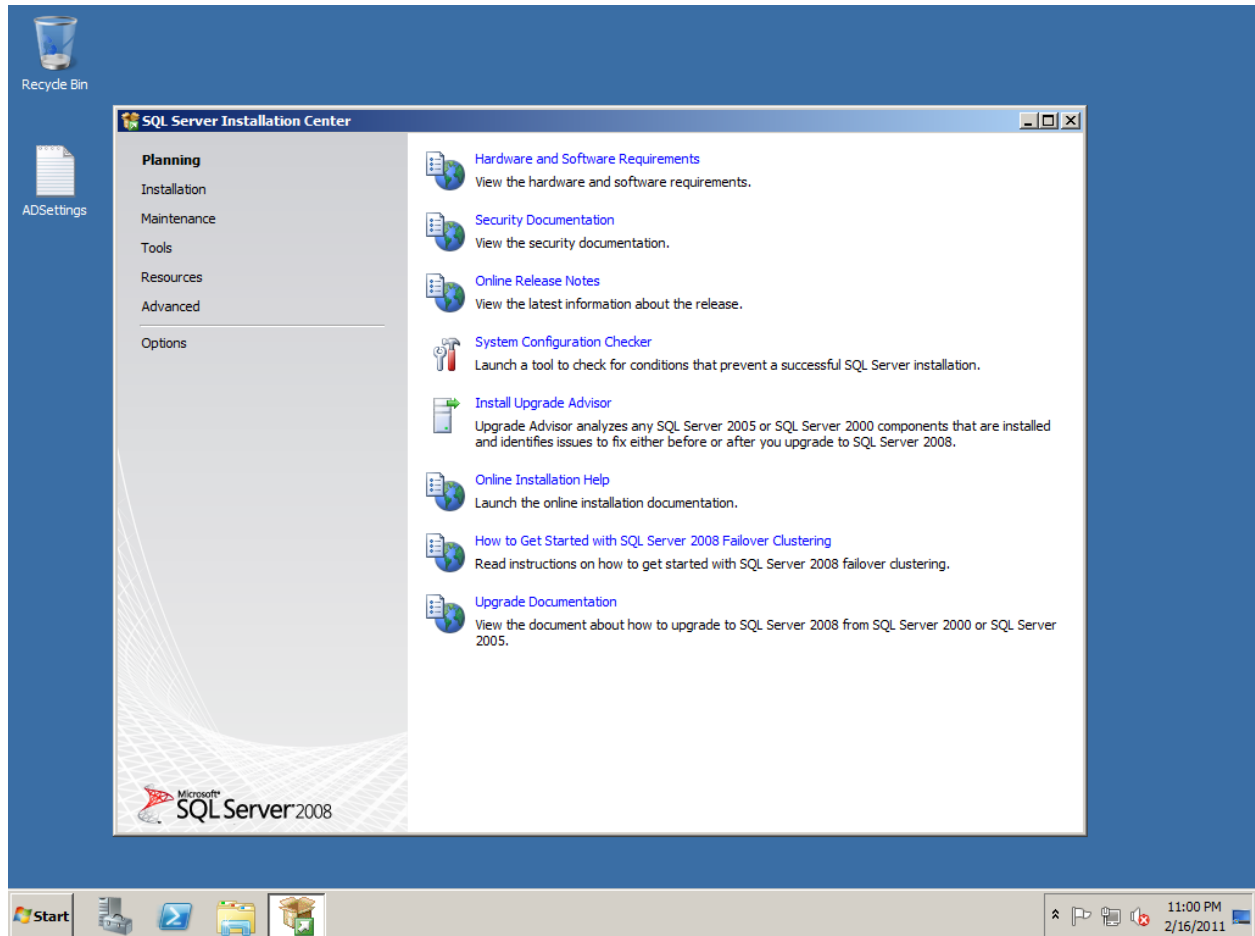
< Back Next > Cancel



Now, Reboot your machine and see if the computer is a Member of domain CORP. (Right click on COMPUTER, got to PROPERTIES> COMPUTER NAME should have .com)

SQL SERVER

To set up SQL SERVER, launch SQL Server from Installation media:





Recycle Bin



ADSettings

SQL Server Installation Center

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

New SQL Server stand-alone installation or add features to an existing installation
Launch a wizard to install SQL Server 2008 in a non-clustered environment or to add features to an existing SQL Server 2008 instance.

New SQL Server failover cluster installation
Launch a wizard to install a single-node SQL Server 2008 failover cluster.

Add node to a SQL Server failover cluster
Launch a wizard to add a node to an existing SQL Server 2008 failover cluster.

Upgrade from SQL Server 2000 or SQL Server 2005
Launch a wizard to upgrade SQL Server 2000 or SQL Server 2005 to SQL Server 2008. Before you upgrade, you should run the Upgrade Advisor to detect potential problems.

Search for product updates
Search Microsoft Update for SQL Server 2008 product updates.



11:00 PM
2/16/2011



Recycle Bin



ADSettings

SQL Server 2008 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: 6. Failed: 0. Warning: 0. Skipped: 0.

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
✓ Long path names to files on SQL Server installation media	Passed

OK Cancel Help



11:01 PM
2/16/2011

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:
Enterprise Evaluation

Enter the product key:
JD8Y6-HQG69-P9H84-XDTPG-34MBB

< Back Next > Cancel

SQL Server 2008 Setup

License Terms

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

Product Key
License Terms
Setup Support Files

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT SQL SERVER 2008 ENTERPRISE EDITION

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
- support services

for this software, unless other terms accompany those items. If so, those terms apply.

BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE. INSTEAD, RETURN IT TO THE RETAILER FOR A REFUND OR CREDIT. If you cannot obtain a refund there, contact Microsoft or the Microsoft affiliate serving

I accept the license terms.

Copy Print

< Back Next > Cancel

SQL Server 2008 Setup

Setup Support Files

Click Install to install Setup Support files. To install or update SQL Server 2008, 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

SQL Server 2008 Setup

Setup Support Files

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

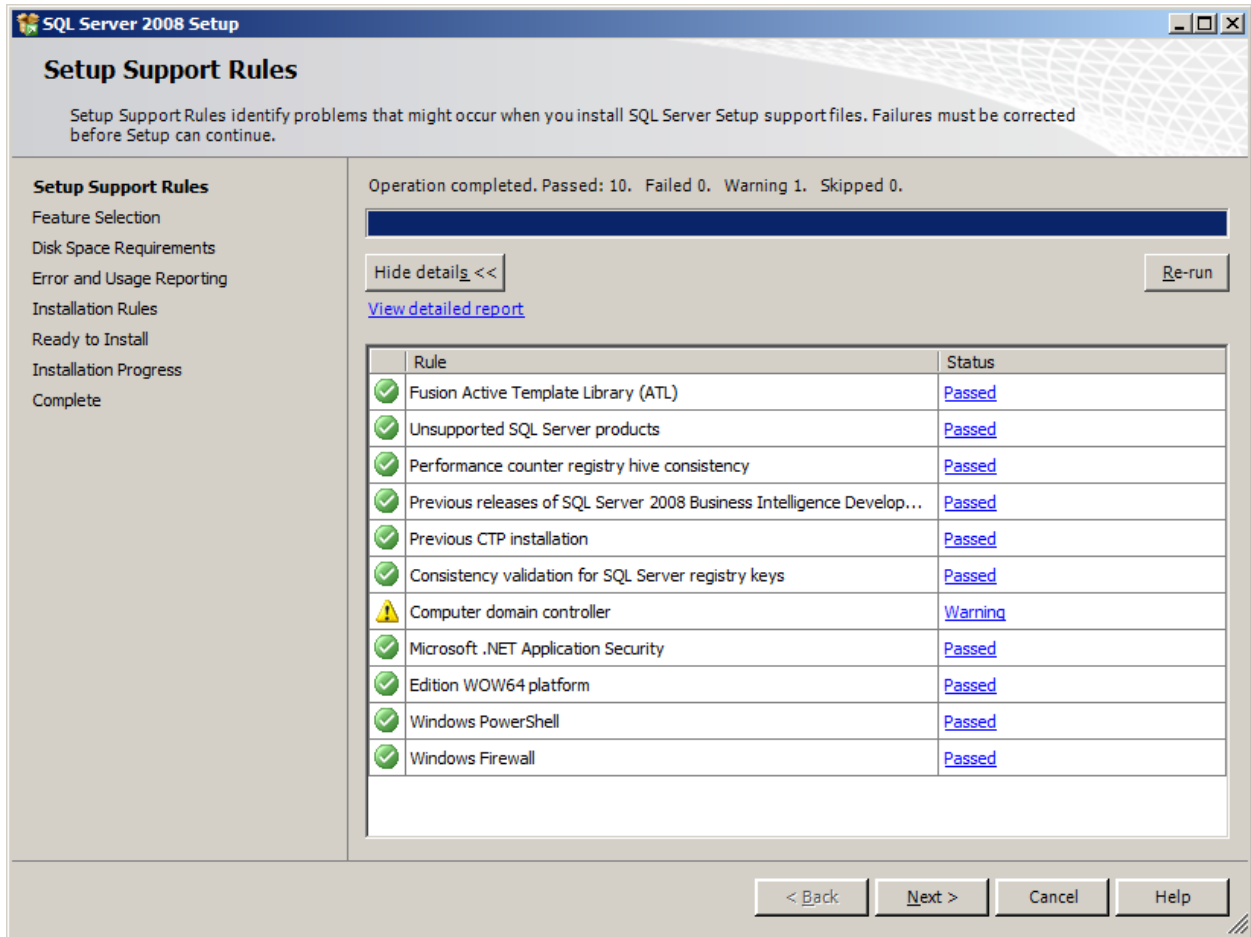
Product Key
License Terms
Setup Support Files

The following components are required for SQL Server Setup:

Feature Name	Status
Setup Support Files	In Progress

Performing Windows Installer actions.

< Back Install Cancel



Ignore the Warning

SQL Server 2008 Setup

Feature Selection

Select the Enterprise features to install. For clustered installations, only Database Engine Services and Analysis Services can be clustered.

Setup Support Rules

Feature Selection

- Instance Configuration
- Disk Space Requirements
- Server Configuration
- Database Engine Configuration
- Analysis Services Configuration
- Reporting Services Configuration
- Error and Usage Reporting
- Installation Rules
- Ready to Install
- Installation Progress
- Complete

Features:

Instance Features

- Database Engine Services
 - SQL Server Replication
 - Full-Text Search
- Analysis Services
- Reporting Services

Shared Features

- Business Intelligence Development Studio
- Client Tools Connectivity
- Integration Services
- Client Tools Backwards Compatibility
- Client Tools SDK
- SQL Server Books Online
- Management Tools - Basic
 - Management Tools - Complete
- SQL Client Connectivity SDK
- Microsoft Sync Framework

Redistributable Features

Description:

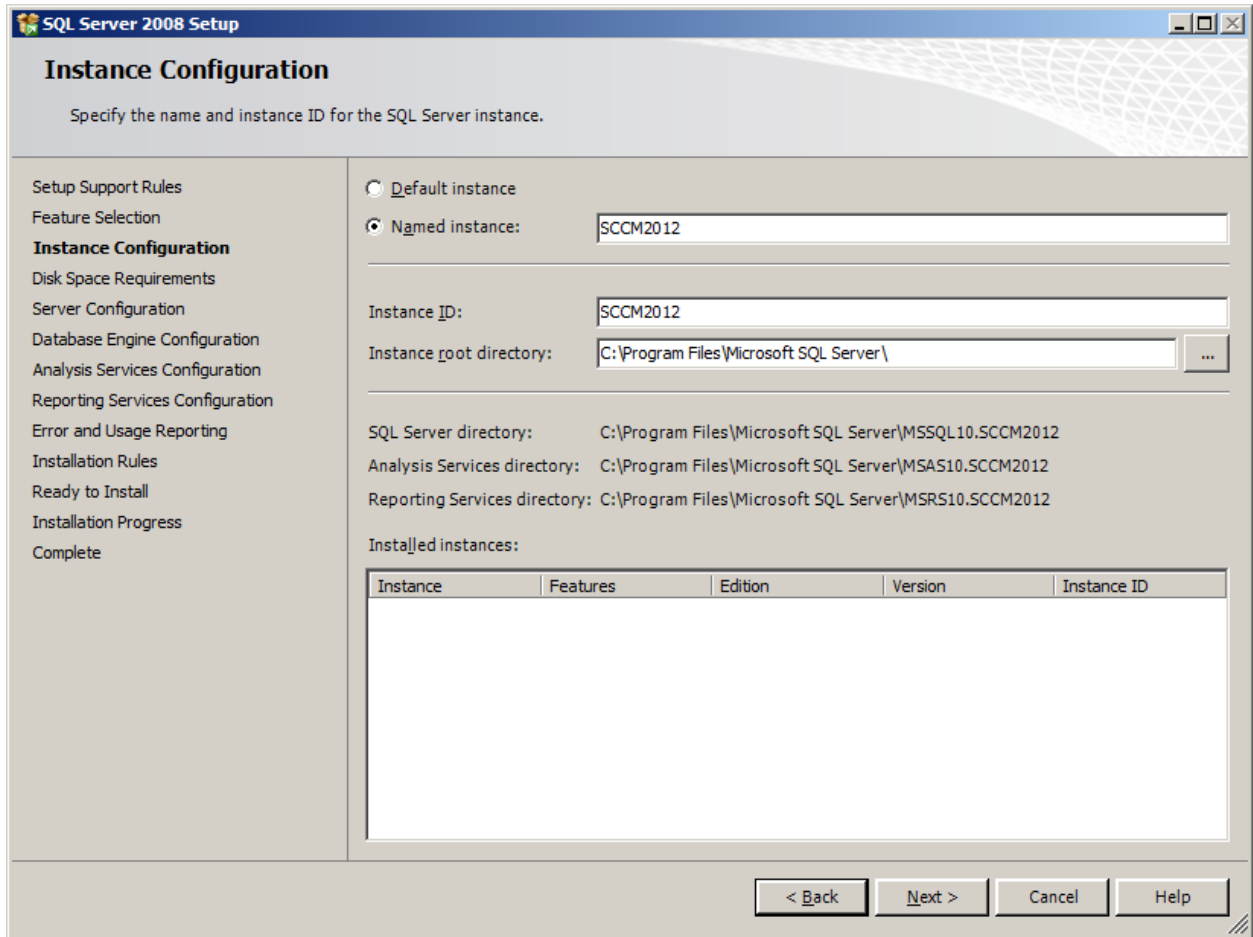
Server features are instance-aware and have their own registry hives. They support multiple instances on a computer.

Select All Unselect All

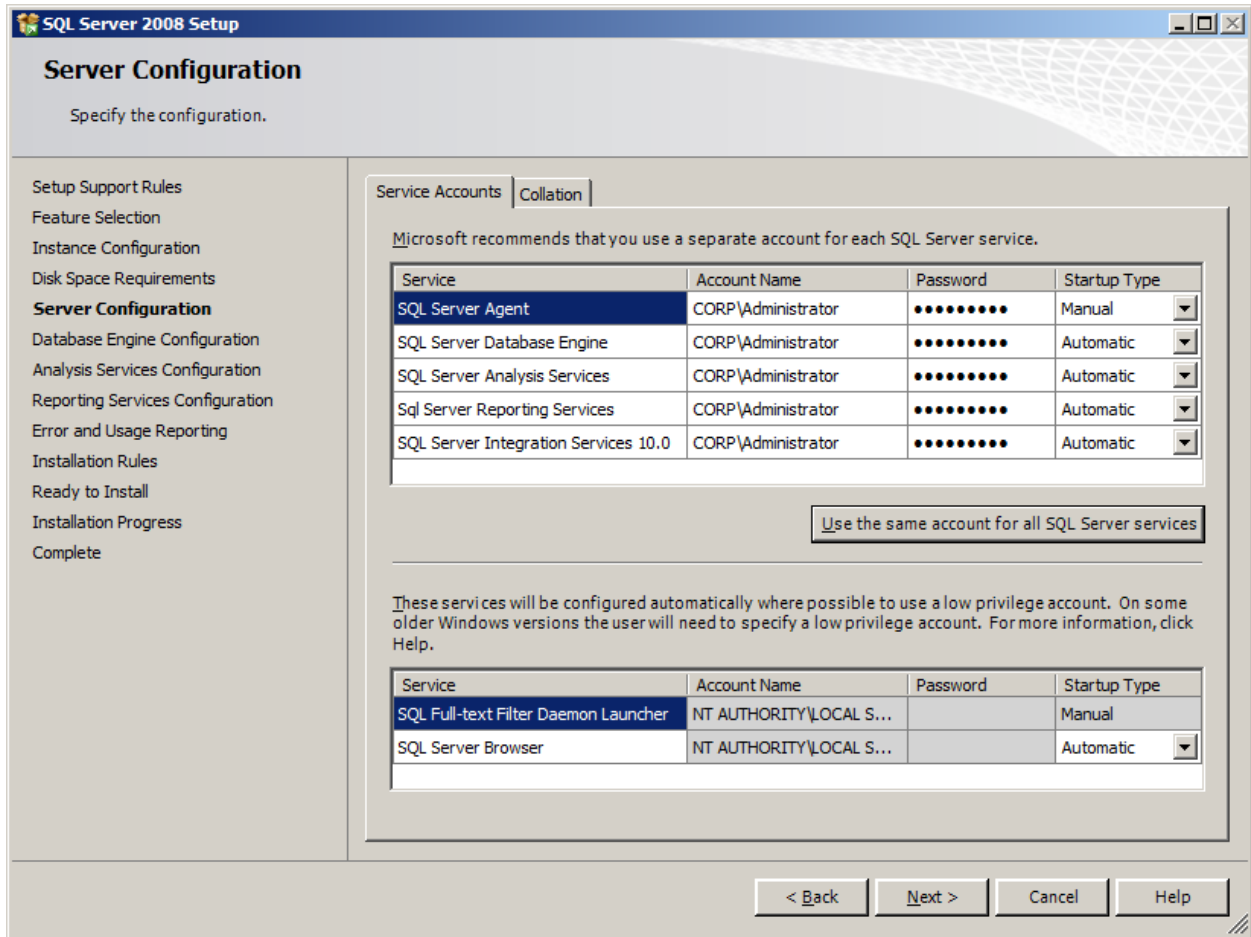
Shared feature directory: C:\Program Files\Microsoft SQL Server\ ...

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

< Back Next > Cancel Help



Give a name to the SQL Server Instance



Click on Use the same account for all SQL Server Services

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
Analysis Services Configuration
Reporting Services 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: _____

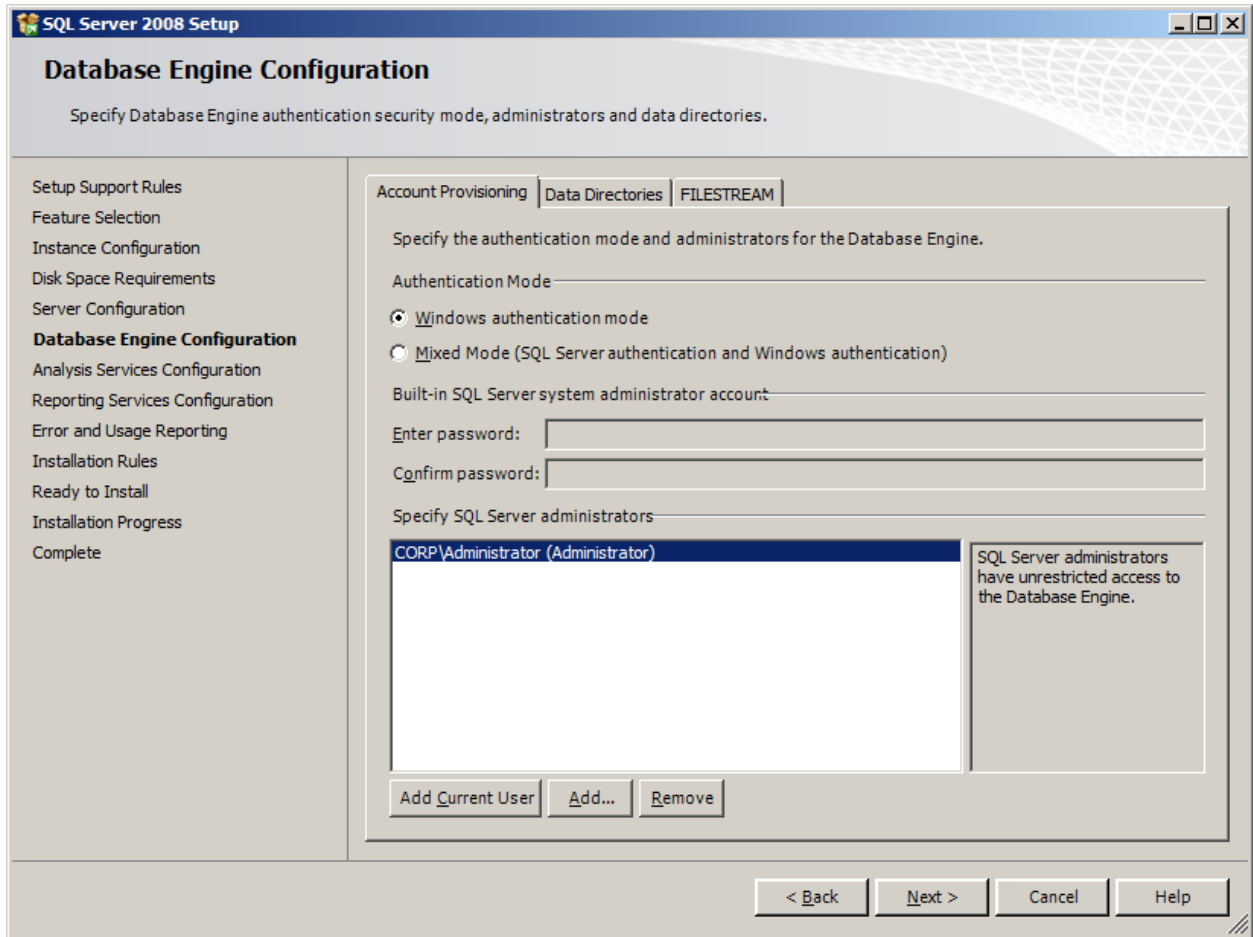
Confirm password: _____

Specify SQL Server administrators _____

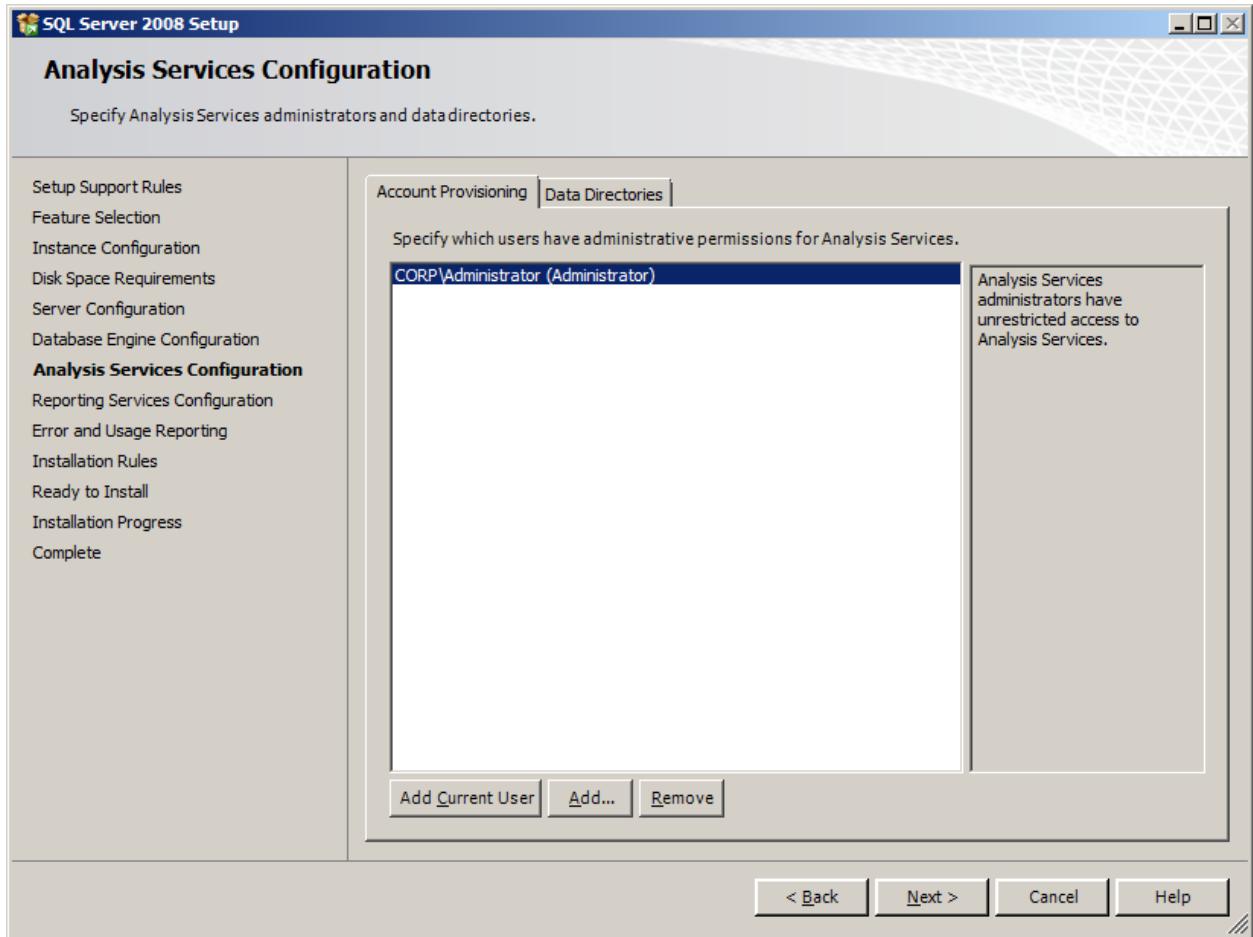
	SQL Server administrators have unrestricted access to the Database Engine.
--	--

Add Current User Add... Remove

< Back Next > Cancel Help



Add Current User



Add Current User

SQL Server 2008 Setup

Reporting Services Configuration

Specify the Reporting Services configuration mode.

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

Install the native mode default configuration.

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.

Install the SharePoint integrated mode default 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.

Install, but do not configure the report server.

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.

< Back Next > Cancel Help

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
Analysis Services Configuration
Reporting Services 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 only 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 Help

SQL Server 2008 Setup

Installation Rules

Setup is running rules to determine if the installation process will be blocked. For more information, click Help.

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

Operation completed. Passed: 11. Failed 0. Warning 0. Skipped 0.

Hide detailg << Re-run

[View detailed report](#)

Rule	Status
Same architecture installation	Passed
Cross language installation	Passed
Existing clustered or cluster-prepared instance	Passed
Reporting Services Catalog Database File Existence	Passed
Reporting Services Catalog Temporary Database File Existence	Passed
SQL Server 2005 Express tools	Passed
Operating system supported for edition	Passed
FAT32 File System	Passed
SQL Server 2000 Analysis Services (64-bit) install action	Passed
Instance name	Passed
Previous releases of Microsoft Visual Studio 2008	Passed

< Back Next > Cancel Help

SQL Server 2008 Setup

Ready to Install

Verify the SQL Server 2008 features to be installed.

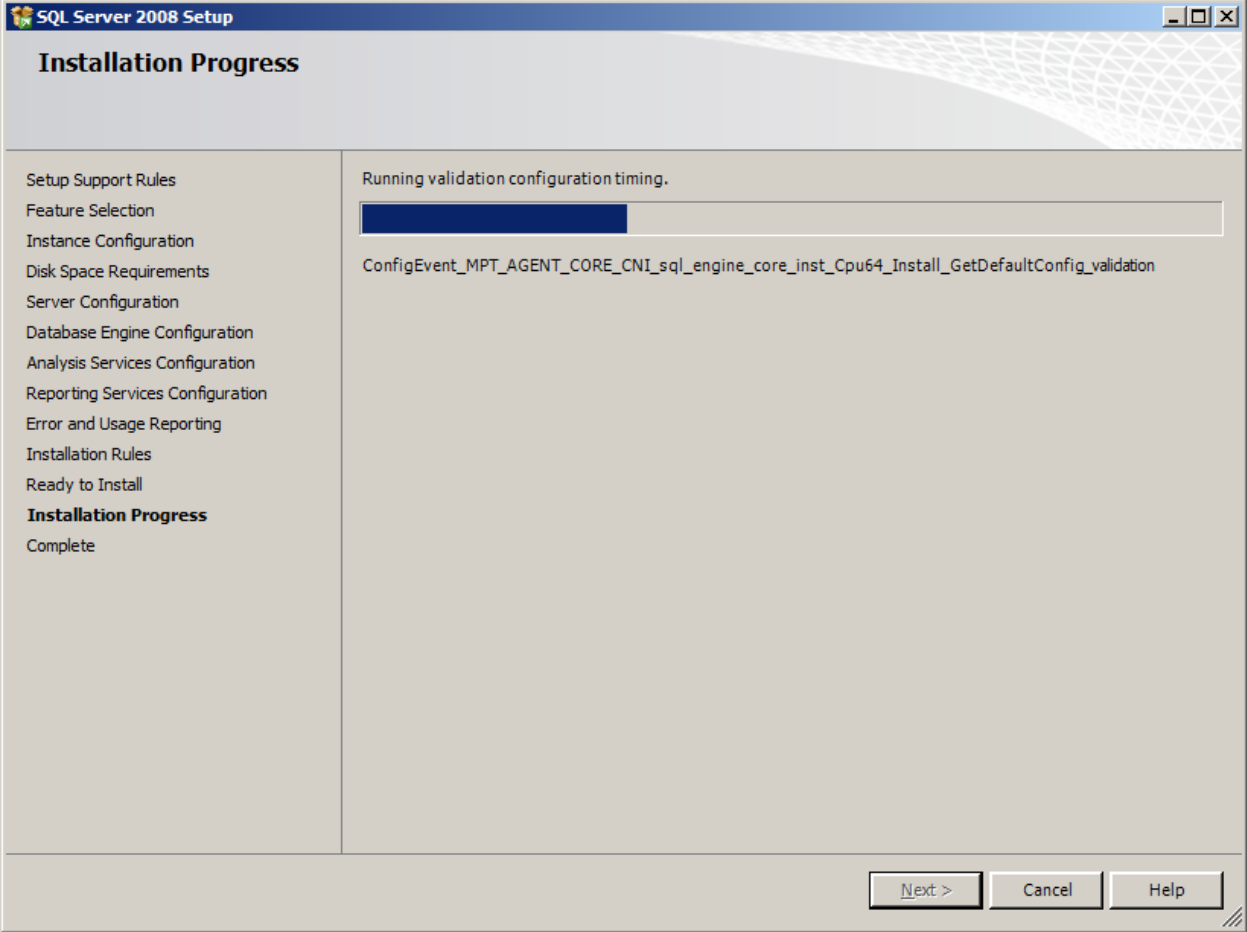
- Setup Support Rules
- Feature Selection
- Instance Configuration
- Disk Space Requirements
- Server Configuration
- Database Engine Configuration
- Analysis Services Configuration
- Reporting Services Configuration
- Error and Usage Reporting
- Installation Rules
- Ready to Install**
- Installation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

Ready to install SQL Server 2008:

- [-] Summary
 - ... Edition: Enterprise
 - ... Action: Install
 - [-] General Configuration
 - [-] Features
 - ... Database Engine Services
 - ... SQL Server Replication
 - ... Full-Text Search
 - ... Analysis Services
 - ... Reporting Services
 - ... Business Intelligence Development Studio
 - ... Client Tools Connectivity
 - ... Integration Services
 - ... Client Tools Backwards Compatibility
 - ... Client Tools SDK
 - ... SQL Server Books Online
 - ... Management Tools - Basic
 - ... Management Tools - Complete
 - ... SQL Client Connectivity SDK
 - ... Microsoft Sync Framework
 - [-] Instance configuration
 - ... Instance Name: SCCM2012

Configuration file path:
C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\201110216_230103\ConfigurationFile.ini

< Back Install Cancel Help



SQL Server 2008 Setup

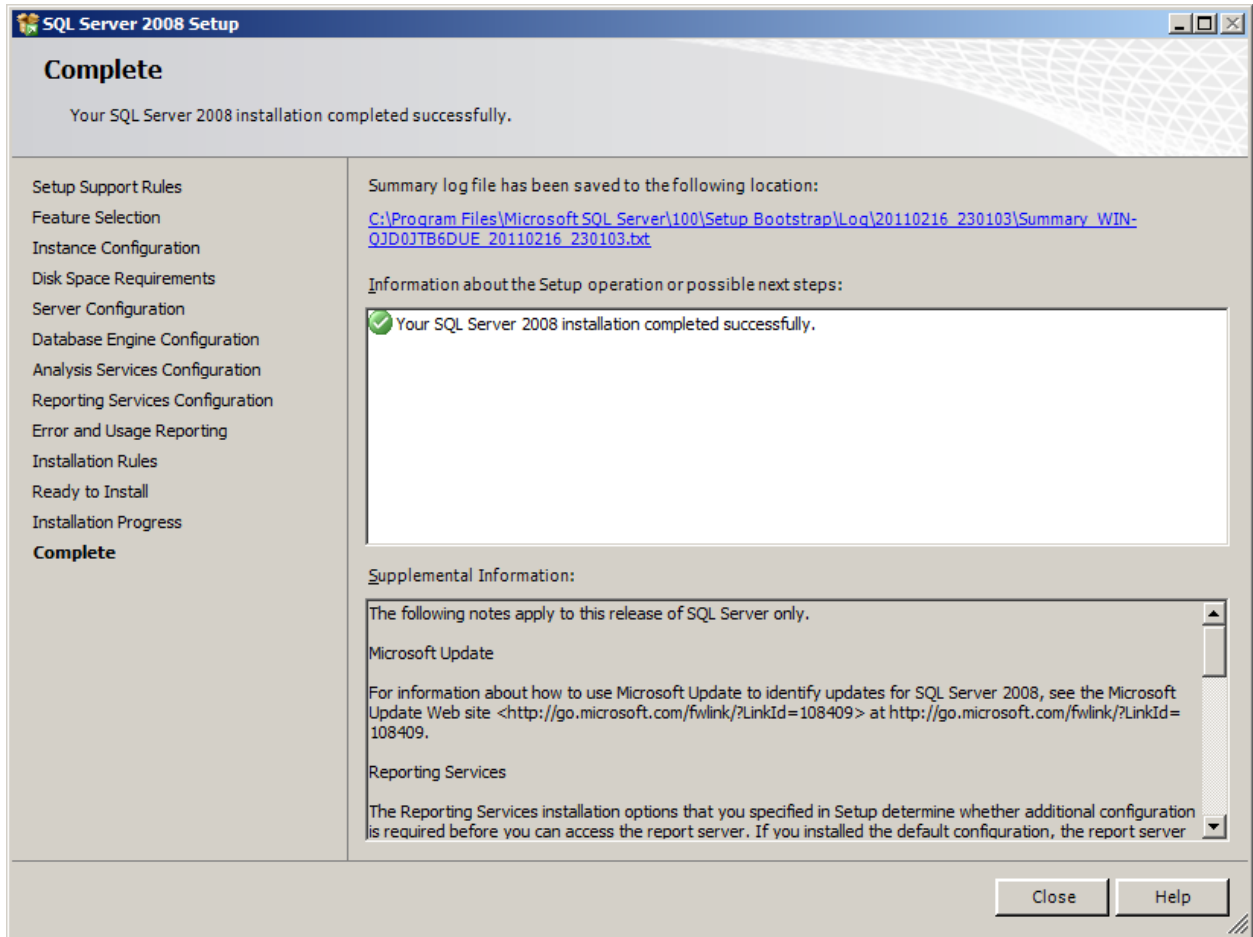
Installation Progress

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

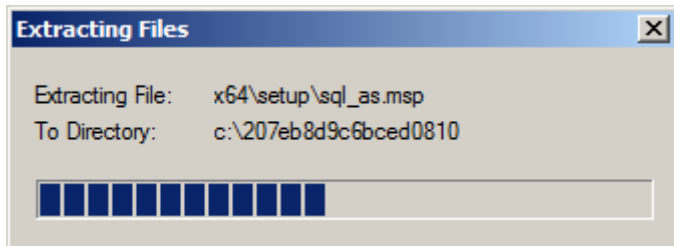
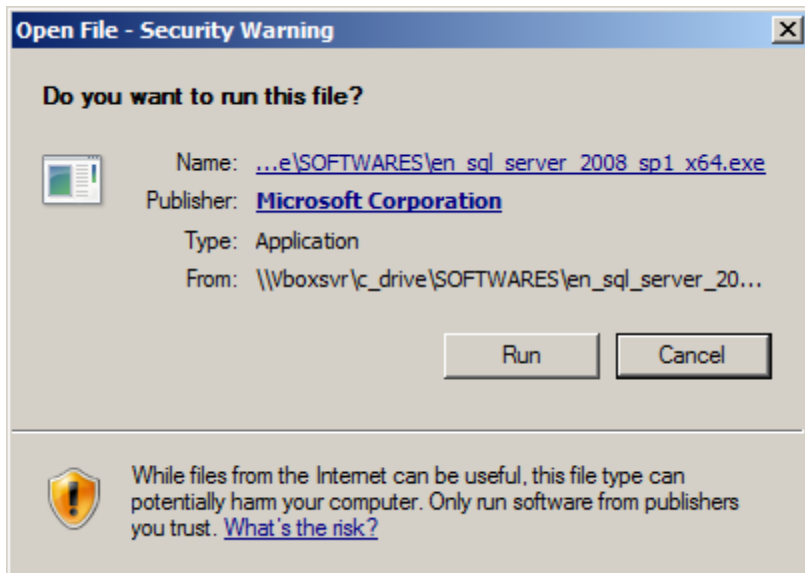
Setup process complete

Feature Name	Status
Database Engine Services	Success
SQL Server Replication	Success
Full-Text Search	Success
Analysis Services	Success
Reporting Services	Success
Integration Services	Success
Client Tools Connectivity	Success
Management Tools - Complete	Success
Client Tools SDK	Success
Client Tools Backwards Compatibility	Success
Business Intelligence Development Studio	Success
Management Tools - Basic	Success
SQL Client Connectivity SDK	Success
SQL Server Books Online	Success

Next > Cancel Help



Now, Install SQL Server 2008 SP1:



Welcome

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

Welcome









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

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

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	Passed

For more information on this update, see the following Microsoft knowledge based article:

<http://support.microsoft.com/?kbid=968369>

< Back

Next >

Cancel

Help

SQL Server 2008 Service Pack 1

License Terms

To install Service Pack 1, you must accept the Microsoft Software License Terms.

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

MICROSOFT SQL SERVER 2008 SERVICE PACK 1

PLEASE NOTE:

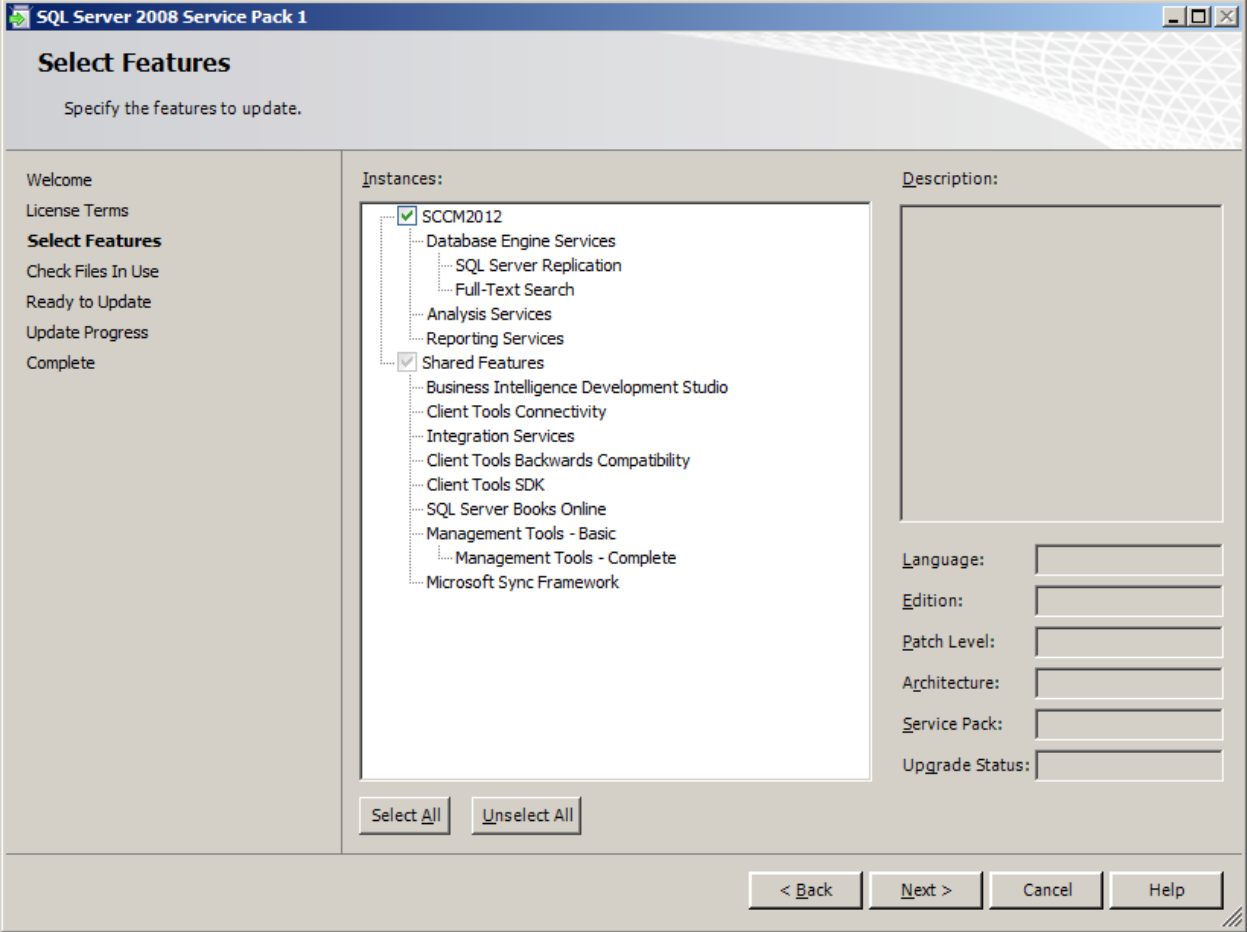
For supplement obtained from server manufacturer or software installer. The server manufacturer, or the software installer, that distributes the software with the server licenses this supplement to you. You may use an instance of this supplement with each validly licensed instance of the product listed above (the "software"). You may not use the supplement if you do not have a license for the software. The license terms for the software apply to your use of this supplement. Contact the manufacturer or installer for support options. Refer to the support number provided with the software.

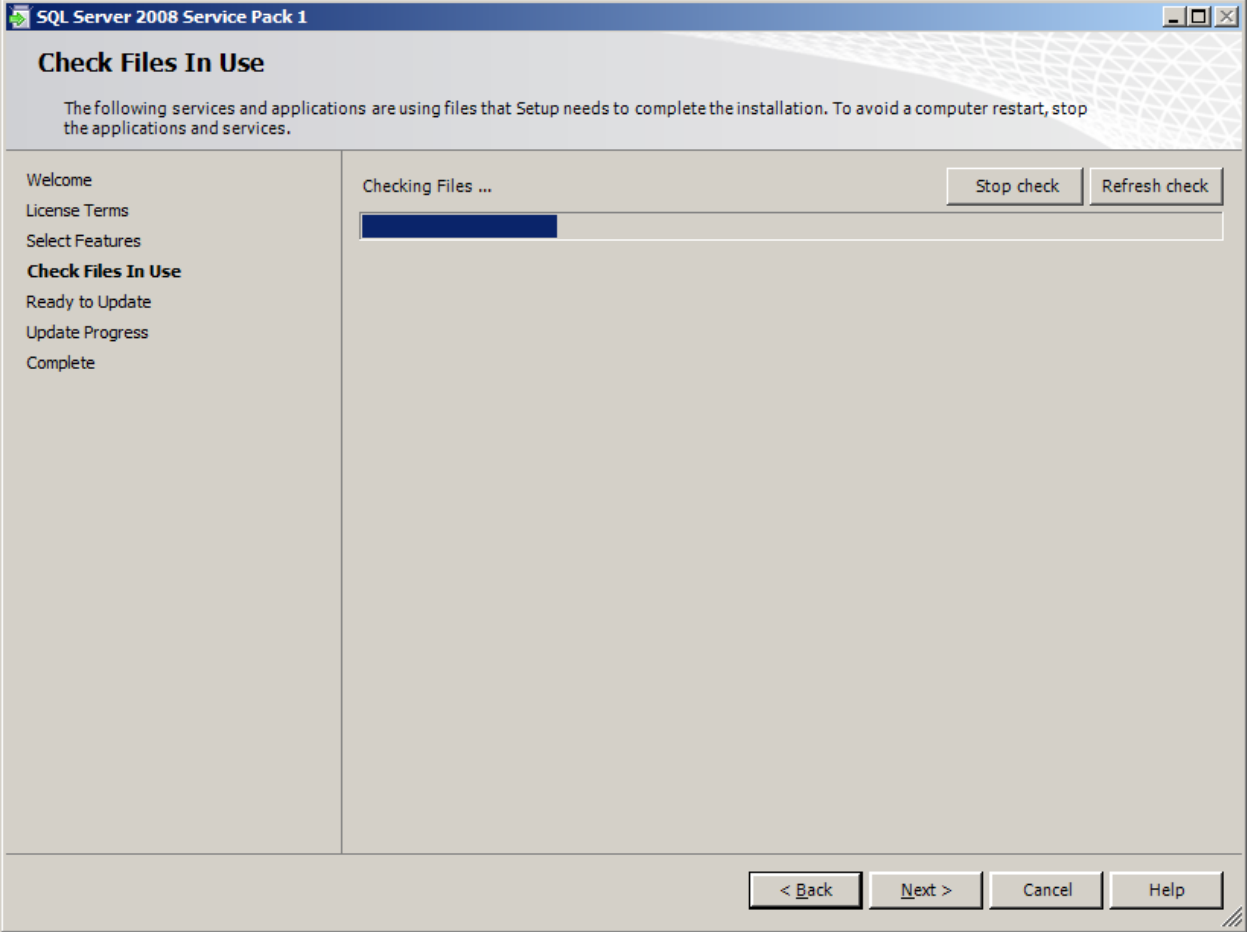
For supplement obtained from retailer. Microsoft Corporation (or based on where you live, one of its affiliates) licenses this supplement to you. You may use an instance of this supplement with each validly licensed instance of the product listed above (the "software"). You may not use the supplement if you do not have a license for the software. The license terms for the software apply to your use of this supplement. Microsoft provides support services for the supplement as described at www.support.microsoft.com/common/international.aspx.

I accept the license terms.

Copy Print

< Back Next > Cancel Help





SQL Server 2008 Service Pack 1

Ready to Update

Verify the list of features to be updated.

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

Ready to update:

- Summary
 - Action: Patch
 - General Configuration
 - SCCM2012
 - Features
 - Database Engine Services
 - SQL Server Replication
 - Full-Text Search
 - Analysis Services
 - Reporting Services
 - Attributes
 - Language: English - United States
 - Edition: Enterprise
 - Patch Level: 10.0.1600.22
 - Processor Type: x64
 - Service Pack:
 - Upgrade Status: Not installed.
 - Shared Features
 - Features
 - Business Intelligence Development Studio
 - Client Tools Connectivity
 - Integration Services
 - Client Tools Backwards Compatibility

Configuration file path:

< Back Update Cancel Help

Update Progress

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

Initiating instance servicing.

Next >

Cancel

Help

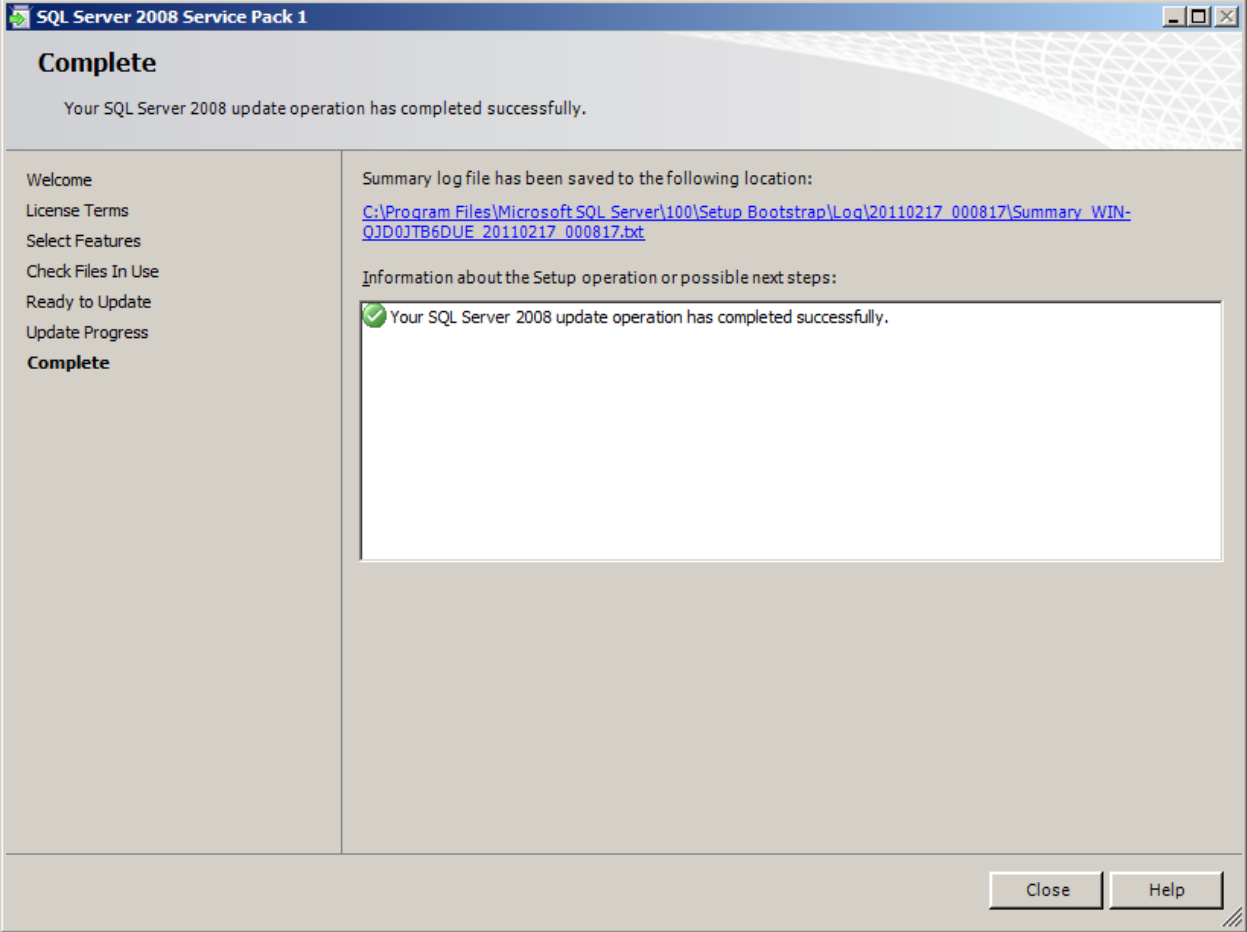
Update Progress

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

Completed updating 'SCCM2012'

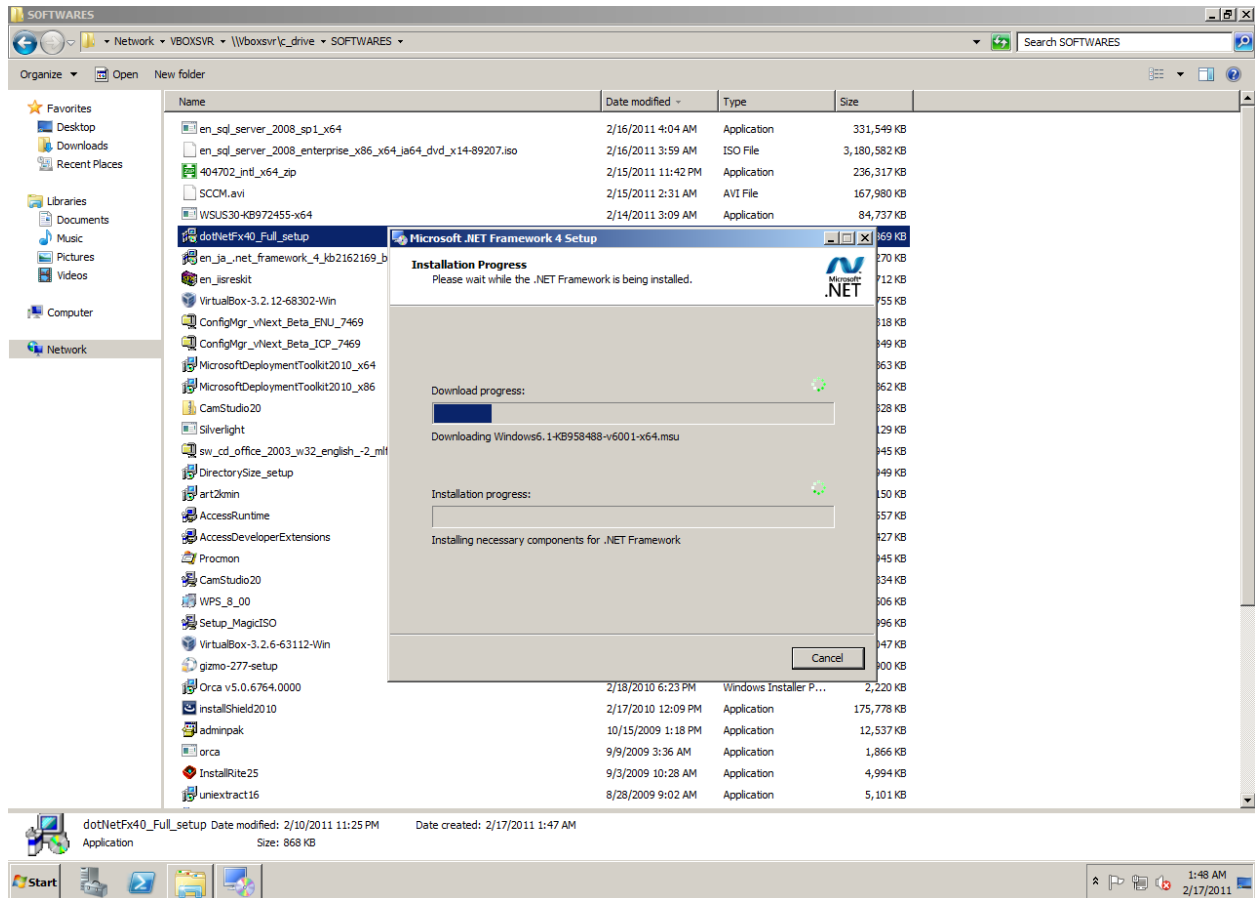
	Instance Name	Status
✓	SCCM2012	Success

[Next >](#) [Cancel](#) [Help](#)




.NET 4.0 FRAMEWORK

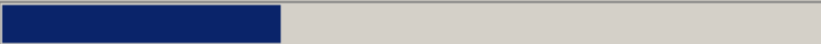

Now, Install .NET 4.0 Framework



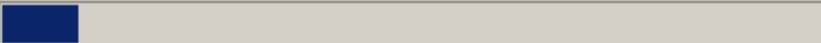

Microsoft .NET Framework 4 Setup

Installation Progress
Please wait while the .NET Framework is being installed.



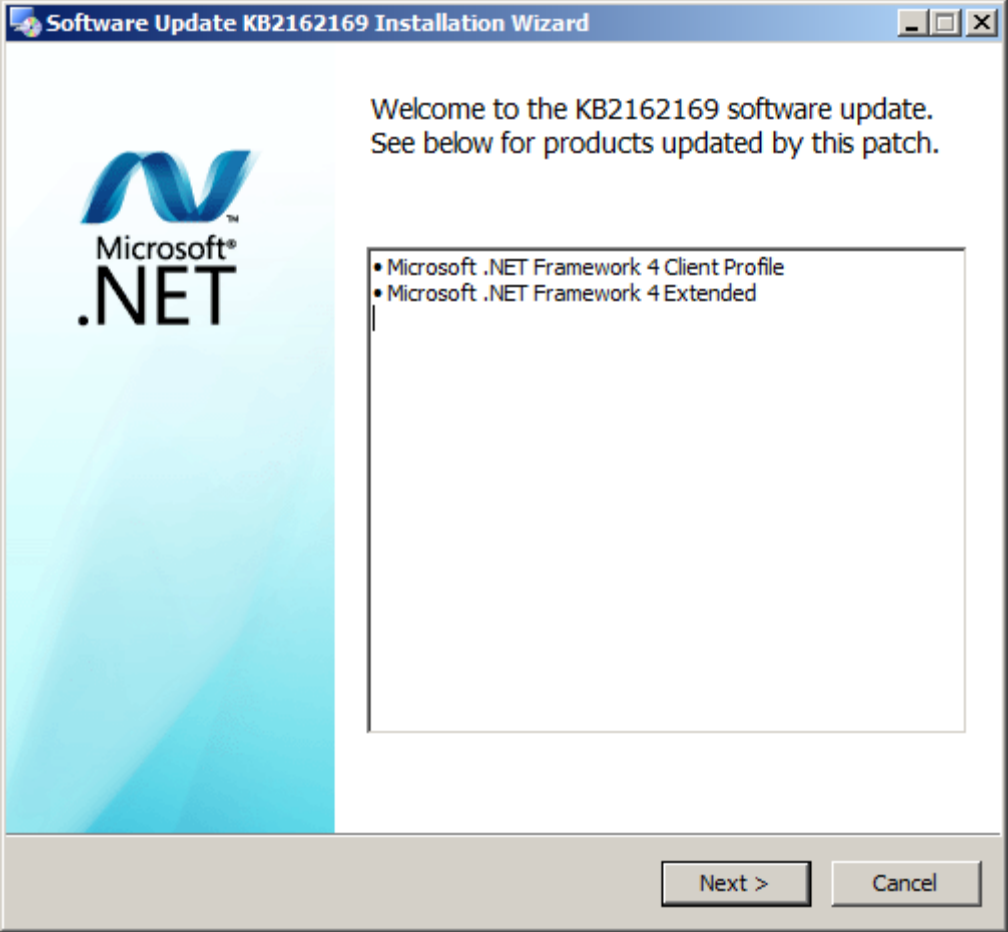
Download progress:  

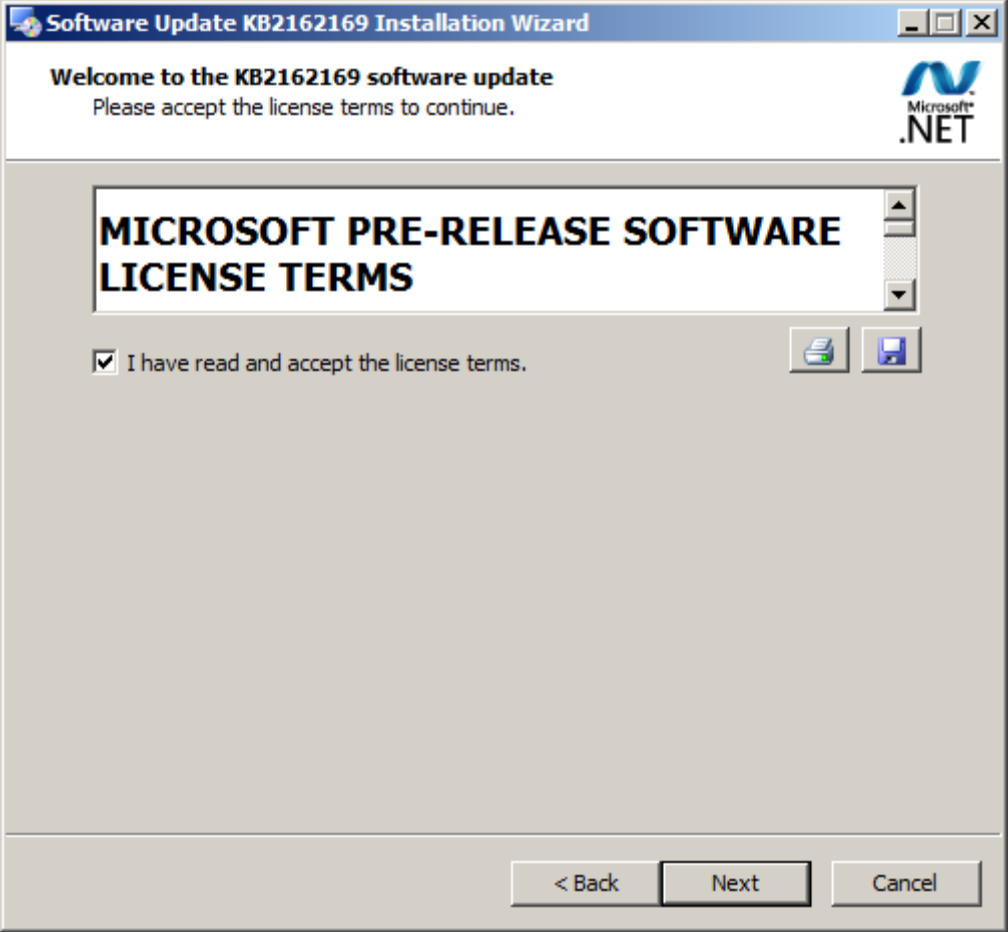
Downloading netfx_Core.mzz

Installation progress:  

Installing necessary components for .NET Framework

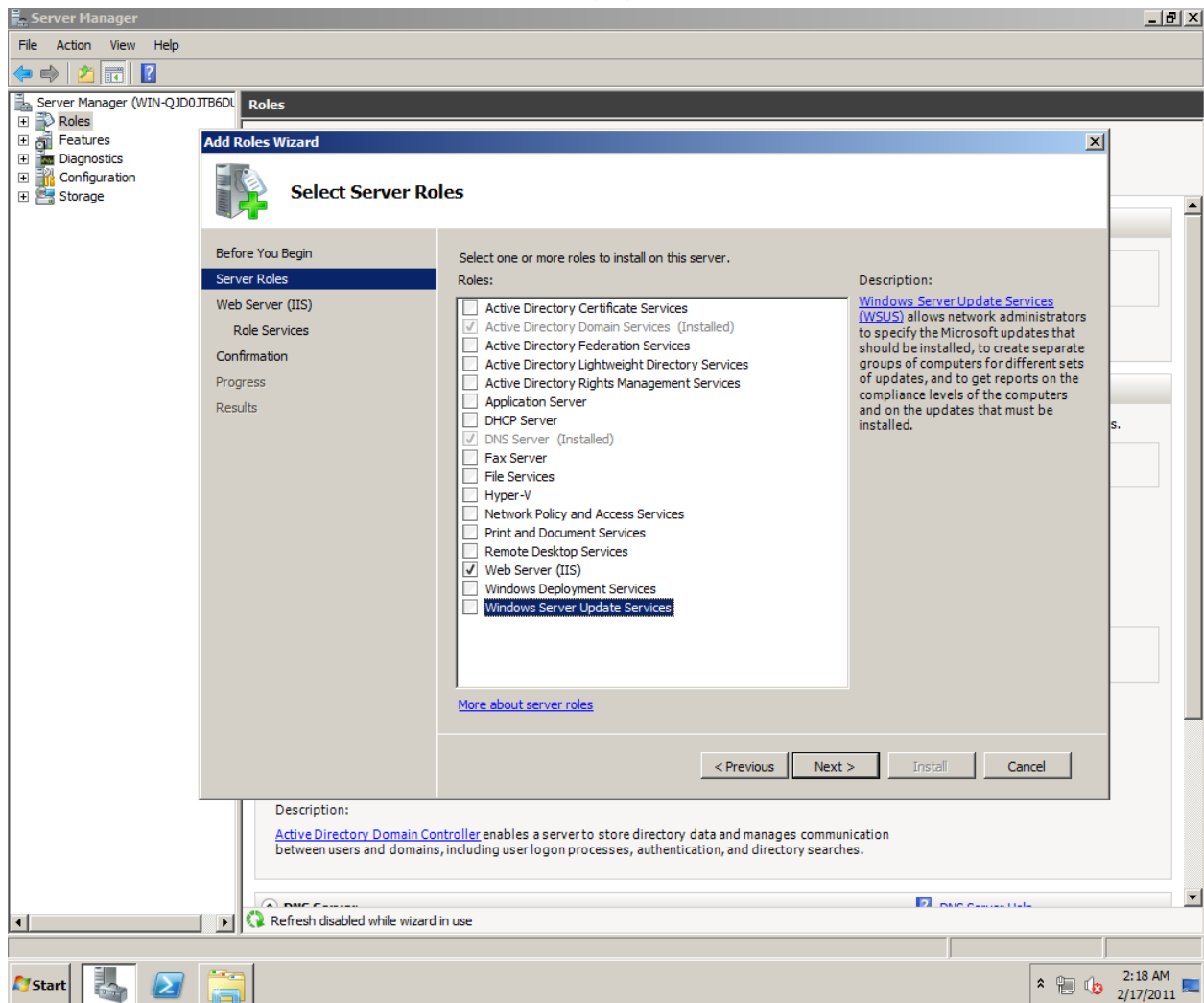
Cancel

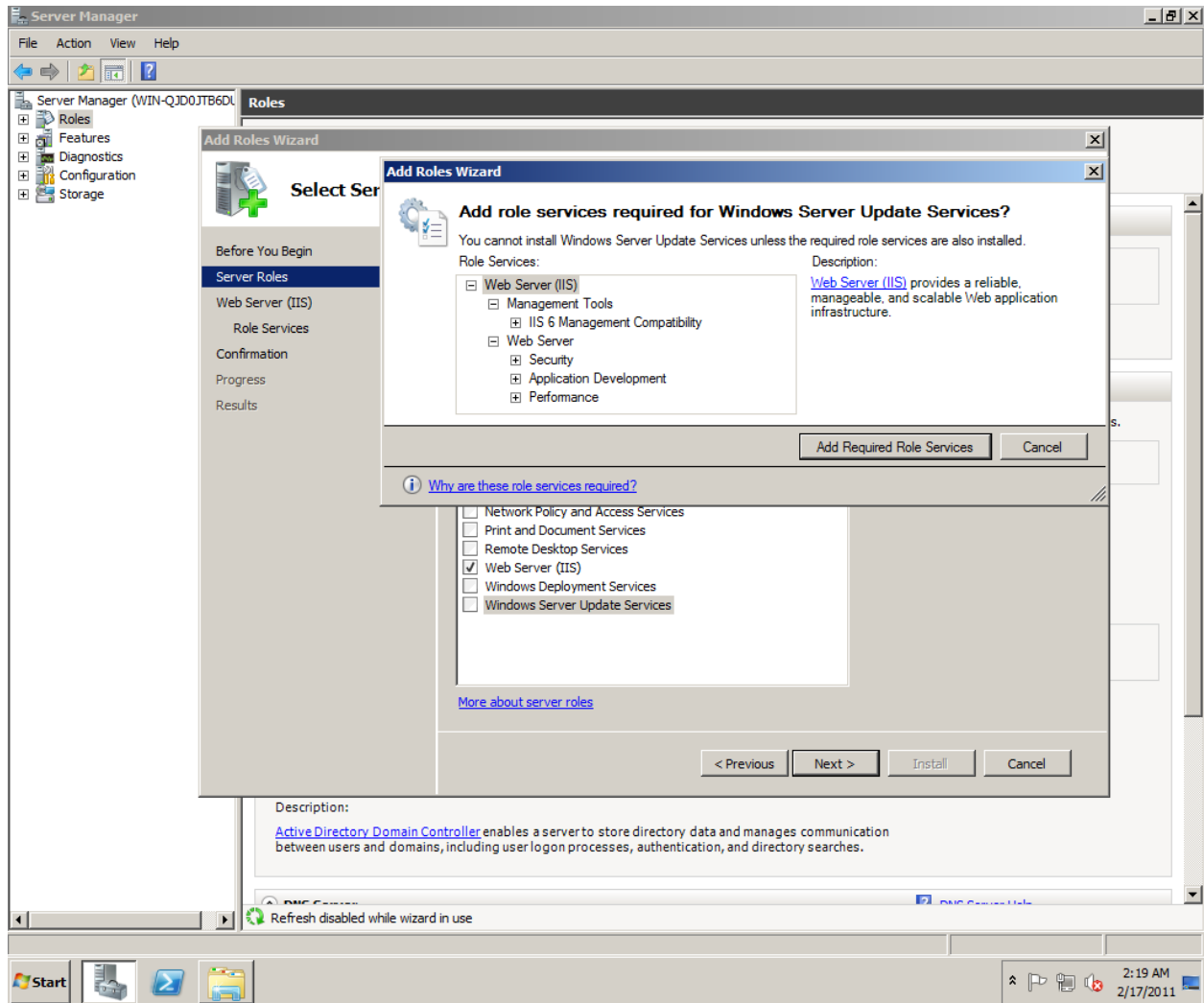





Web Server (IIS) & Windows Server Update Service (WSUS)

Go to Roles and Install Roles >> Check Web Server (IIS) and WSUS







Add Roles Wizard [X]

 **Web Server (IIS)**

Before You Begin
Server Roles
Web Server (IIS)
Role Services
Windows Server Update 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 return responses to those requests. Web servers let you share information over the Internet, or through intranets 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.

Things to Note

-  Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer.
-  The default installation for the Web 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.

Additional Information

- [Overview of Web Server \(IIS\)](#)
- [Overview of Available Role Services in IIS 7.0](#)
- [IIS Checklists](#)
- [Common Administrative Tasks in IIS](#)
- [Overview of WSRM](#)

< Previous Next > Install Cancel



Select Role Services

Before You Begin

Server Roles

Web Server (IIS)

Role Services

Windows Server Update Services

Confirmation

Progress

Results

Select the role services to install for Web Server (IIS):

Role services:

- Web Server
 - Common HTTP Features
 - Static Content
 - Default Document
 - Directory Browsing
 - HTTP Errors
 - HTTP Redirection
 - WebDAV Publishing
 - Application Development
 - ASP.NET
 - .NET Extensibility
 - ASP
 - CGI
 - ISAPI Extensions
 - ISAPI Filters
 - Server Side Includes
 - Health and Diagnostics
 - HTTP Logging
 - Logging Tools
 - Request Monitor
 - Tracing


Description:

[Digest authentication](#) works by sending a password hash to a Windows domain controller to authenticate users. When you need improved security over Basic authentication, consider using Digest authentication, especially if users who must be authenticated access your Web site from behind firewalls and proxy servers.

[More about role services](#)

< Previous Next > Install Cancel

Add Roles Wizard [X]



Windows Server Update Services

Before You Begin
Server Roles
Web Server (IIS)
Role Services
Windows Server Update Services
Confirmation
Progress
Results

Introduction to Windows Server Update Services

Windows Server Update Services (WSUS) allows administrators to manage the download and installation of updates from the Microsoft Update Web site to the local network. By setting up hierarchies of WSUS servers and WSUS client computer groups, administrators can download and test updates in controlled conditions, schedule updates to be installed at the most convenient times, create reports on update installation and compliance levels, and receive e-mail notification of newly downloaded updates and installation status.

Things to Note

- Only one WSUS server in a network must be able to download updates from Microsoft Update. Other WSUS servers can get updates either from that server or from Microsoft Update.
- WSUS server-to-server and server-to-client communications should be set up to use the Secure Sockets Layer (SSL).
- You cannot install the WSUS Administration Console alone (without the WSUS server) from Server Manager. To install the WSUS Administration Console alone, download the WSUS installation package from the Microsoft Download Center. Then run the package and select the Administration Console only option.

Additional Information

- [Overview of WSUS](#)
- [Design Your WSUS Network](#)
- [Configuring SSL for WSUS](#)

< Previous Next > Install Cancel



Confirm Installation Selections

- Before You Begin
- Server Roles
- Web Server (IIS)
 - Role Services
- Windows Server Update Services
- Confirmation**
- Progress
- Results

To install the following roles, role services, or features, click Install.

2 informational messages below

This server might need to be restarted after the installation completes.

Web Server (IIS)

Find out more about Windows System Resource Manager (WSRM) and how it can help optimize CPU usage

Web Server

- Common HTTP Features
 - Static Content
 - Default Document
 - Directory Browsing
 - HTTP Errors
- Application Development
 - ASP.NET
 - .NET Extensibility
 - ISAPI Extensions
 - ISAPI Filters
- Health and Diagnostics
 - HTTP Logging
 - Request Monitor
- Security

[Print, e-mail, or save this information](#)

- < Previous
- Next >
- Install
- Cancel

Add Roles Wizard



Installation Progress

- Before You Begin
- Server Roles
- Web Server (IIS)
 - Role Services
 - Windows Server Update Services
- Confirmation
- Progress**
- Results

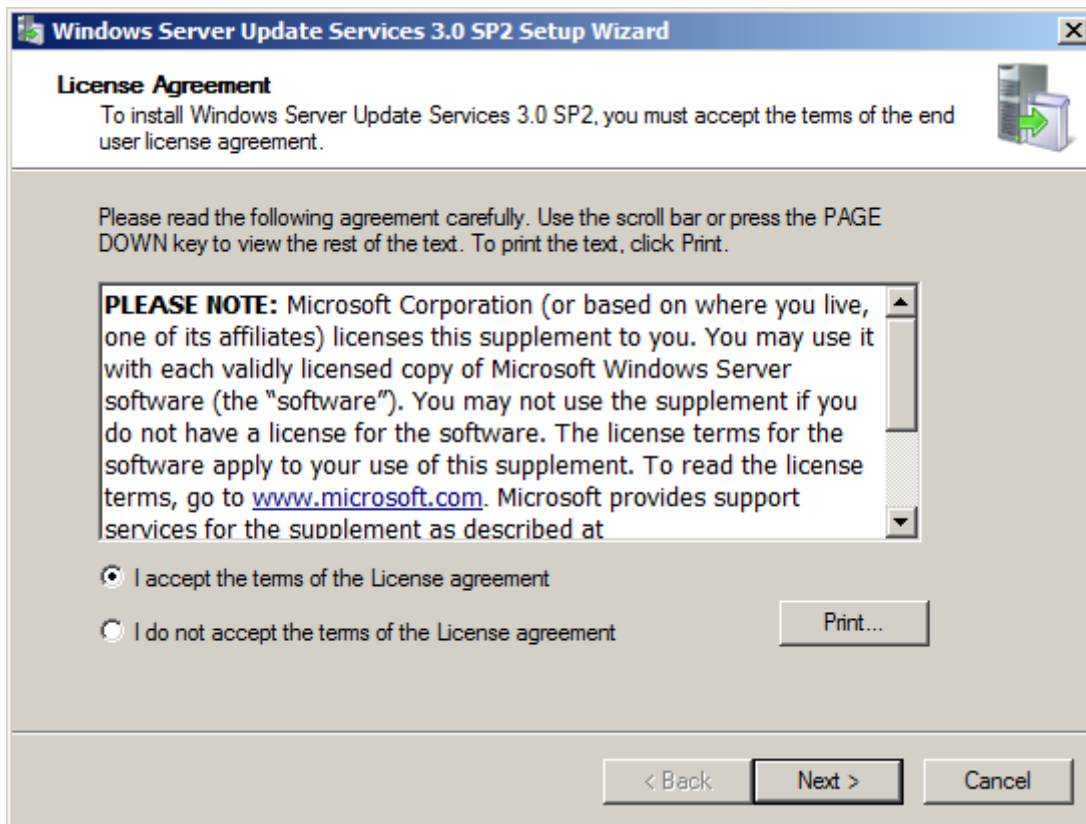
The following roles, role services, or features are being installed:

Web Server (IIS)
Windows Server Update Services



Downloading...


- < Previous
- Next >
- Install
- Cancel



Windows Server Update Services 3.0 SP2 Setup Wizard [X]

Select Update Source

You can specify the location from which client computers acquire updates.



If you have a drive formatted with NTFS and at least 6 GB of free disk space, you can use it to store updates for client computers to download quickly.

If you need to save disk space, clear the check box to store updates on Microsoft Update; downloads will be slower.

If you choose to store updates locally, updates are not downloaded to your WSUS server until you approve them. By default, when updates are approved, they are downloaded for all languages.


Store updates locally

< Back Next > Cancel

Windows Server Update Services 3.0 SP2 Setup Wizard [X]

Database Options

You can specify where to store data for Windows Server Update Services 3.0 SP2.



You can choose to have Windows Internal Database installed, or you can use an existing database server.

You should install the database on an NTFS drive with a minimum of 2 GB of free disk space.

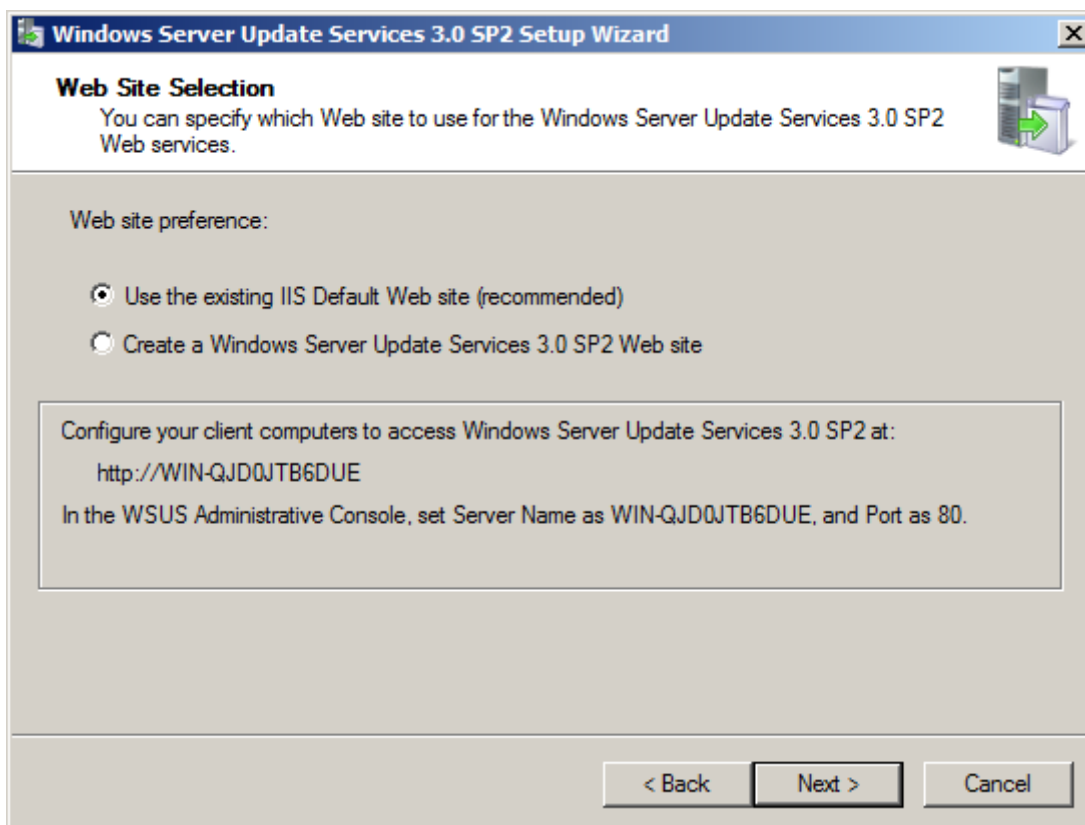
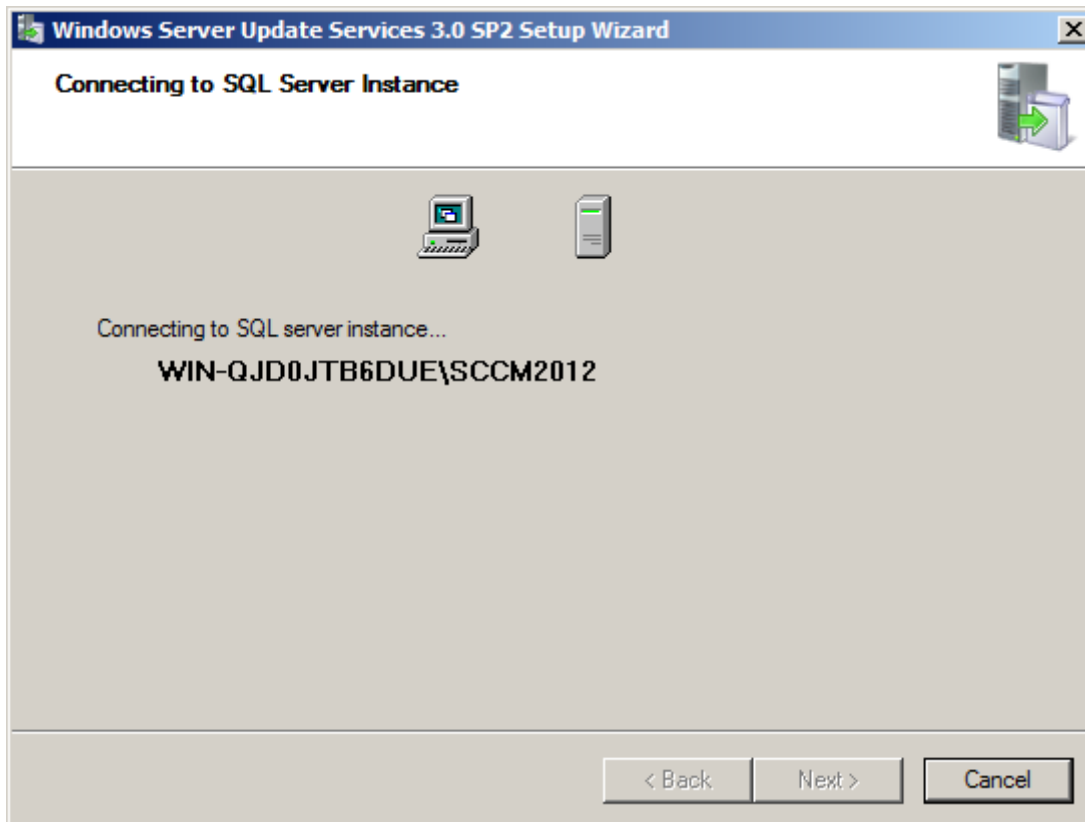
Install Windows Internal Database on this computer

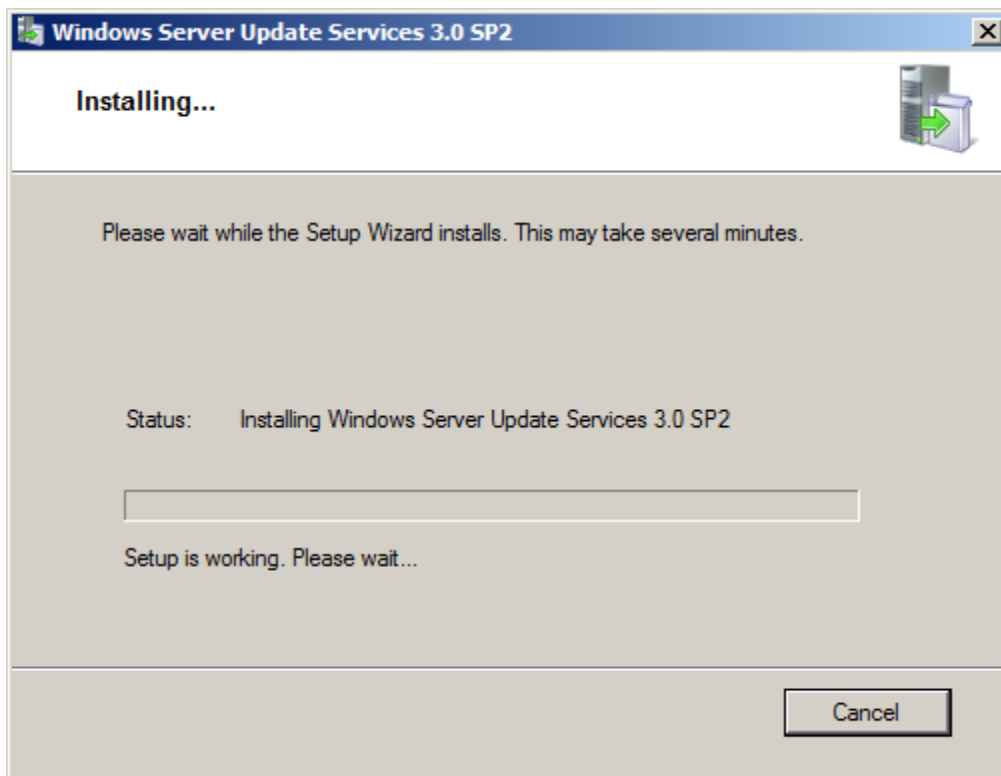
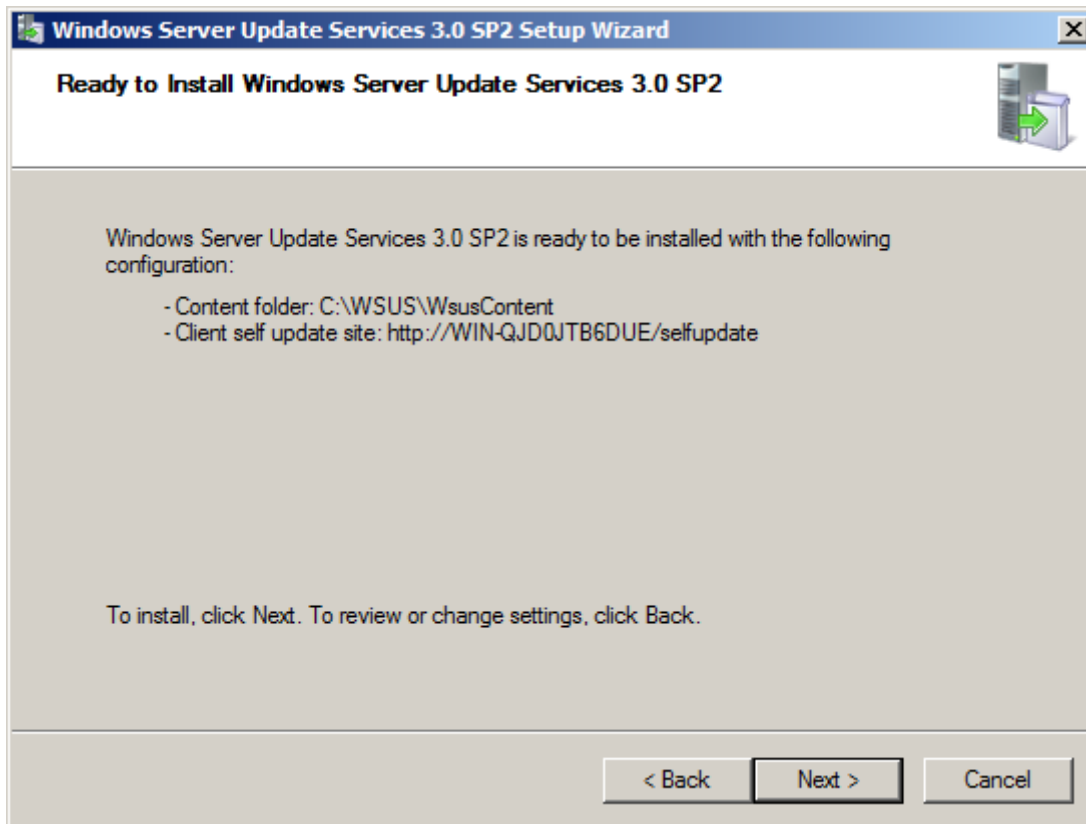
Use an existing database server on this computer

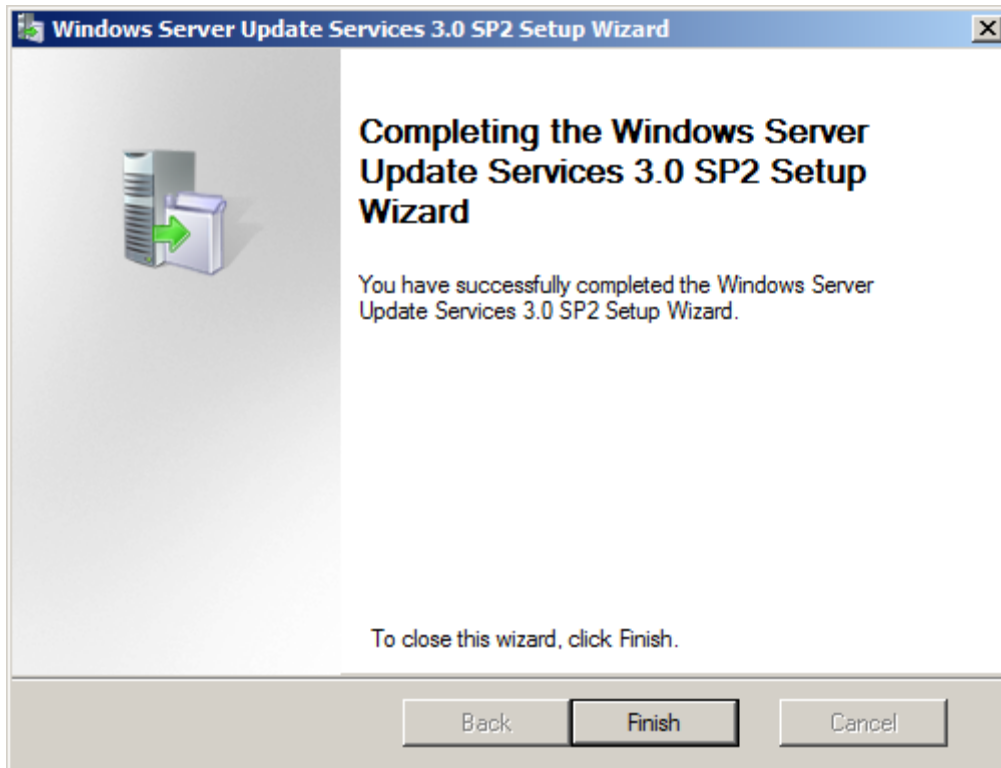
▼

Using an existing database server on a remote computer (Machinename\Instancename)

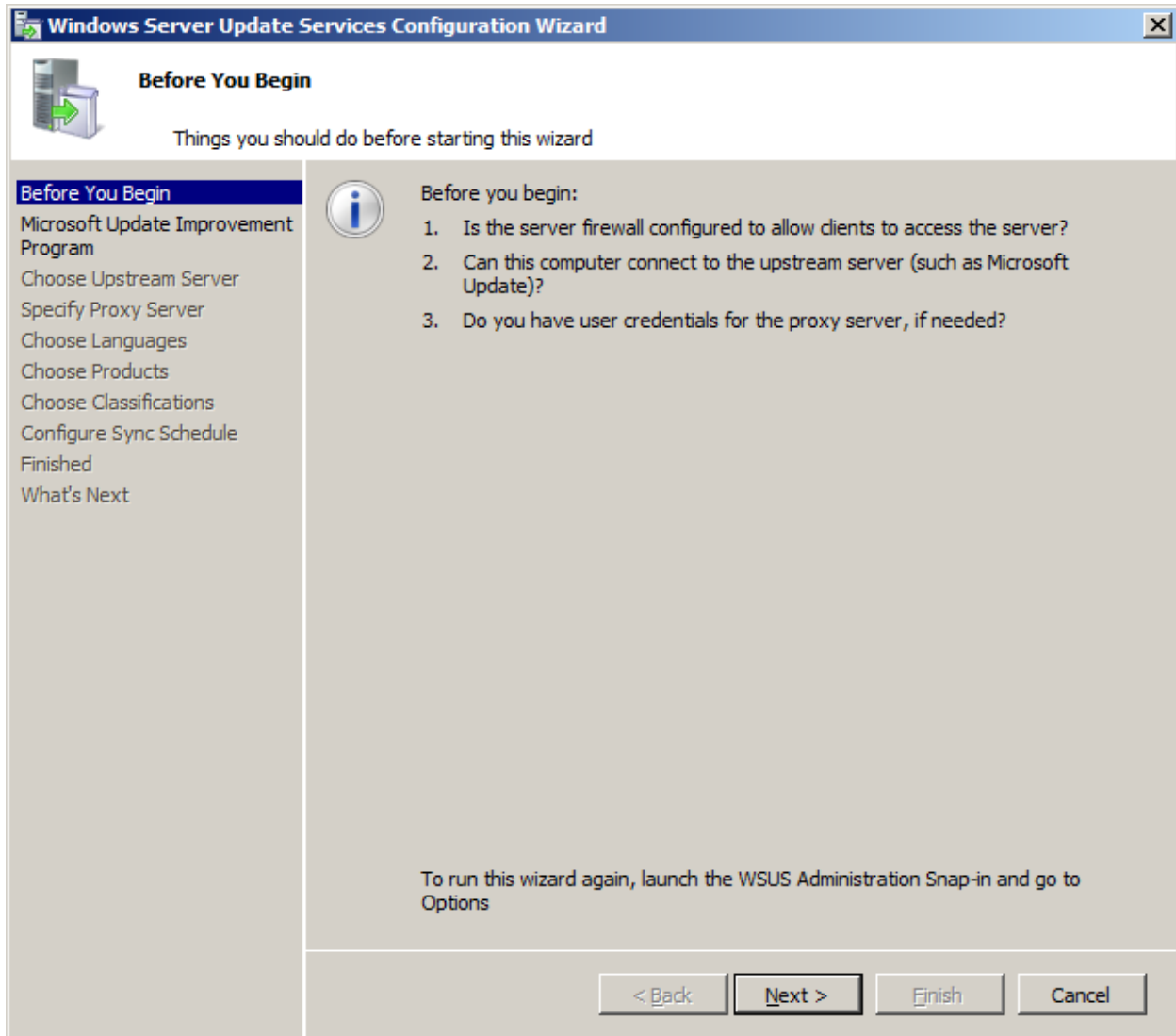
< Back Next > Cancel







It will prompt to configure WSUS:

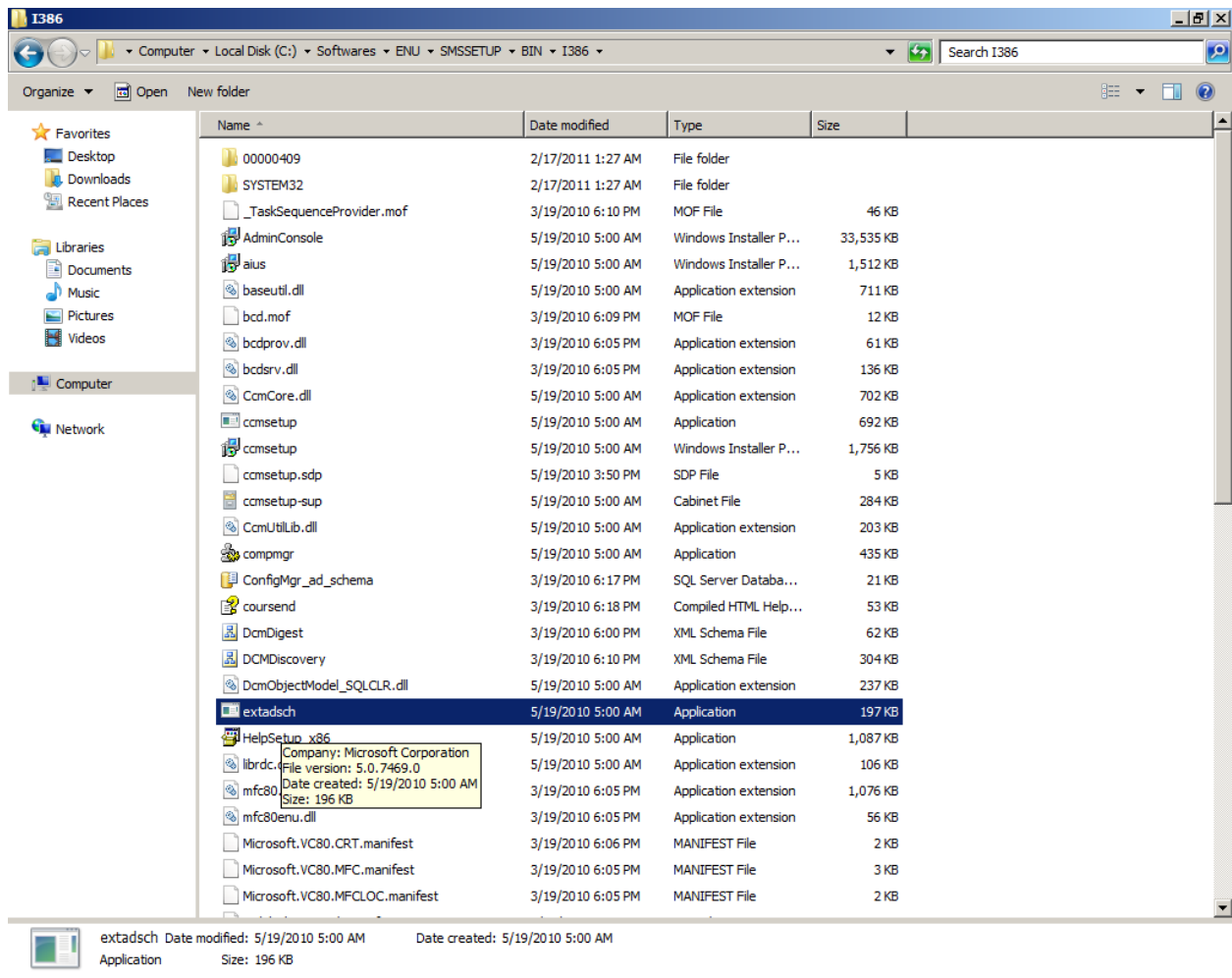


Cancel the installation as we only require WSUS as a pre requisite for SCCM and not its internal configuration

EXDASCH

RUN EXDASCH from SCCM SETUP

You can extend the Active Directory schema by running the **ExtADSch.exe** file located in the SMSSETUP\BIN\I386 folder on the Configuration Manager 2007 installation media. The **ExtADSch.exe** file does not display output when it runs; however, it does generate a log file in the root of the system drive called **extadsch.log**, which will indicate whether the schema update completed successfully or any problems were encountered while extending the schema.

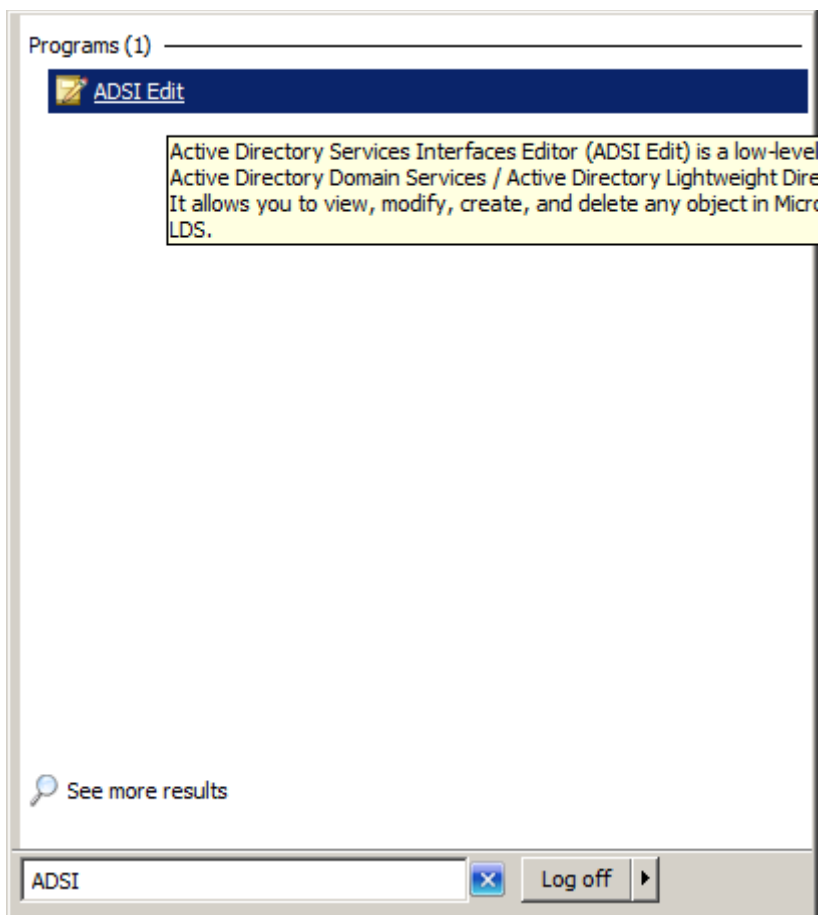


ADSI

Active Directory Service Interfaces (ADSI) is a set of COM interfaces used to access the features of directory services from different network providers. ADSI is used in a distributed computing environment to present a single set of directory service interfaces for managing network resources. Administrators and developers can use ADSI services to enumerate and manage the resources in a directory service, no matter which network environment contains the resource.

Configuration Manager does not automatically create the System Management container in Active Directory Domain Services, when the schema is extended. The container needs to be created once for each domain that includes a Configuration Manager Site server that will publish site information to Active Directory Domain Services. To manually create the System Management container using ADSI Edit, do the following steps:

Launch ADSI



ADSI Edit

File Action View Help

ADSI Edit
Default naming context [WIN-QJD0JTB6DUE.CORP.SATNIX.COM]

Name	Class	Distinguished Name	Actions
DC=CORP,DC=SATNIX,DC=...	domainDNS	DC=CORP,DC=SATNIX,DC=C...	Default naming context [...] More Actions

ADSI Edit

File Action View Help

Default naming context [WIN-QJD0JTB6DUE.CORP.SATNIX.COM]

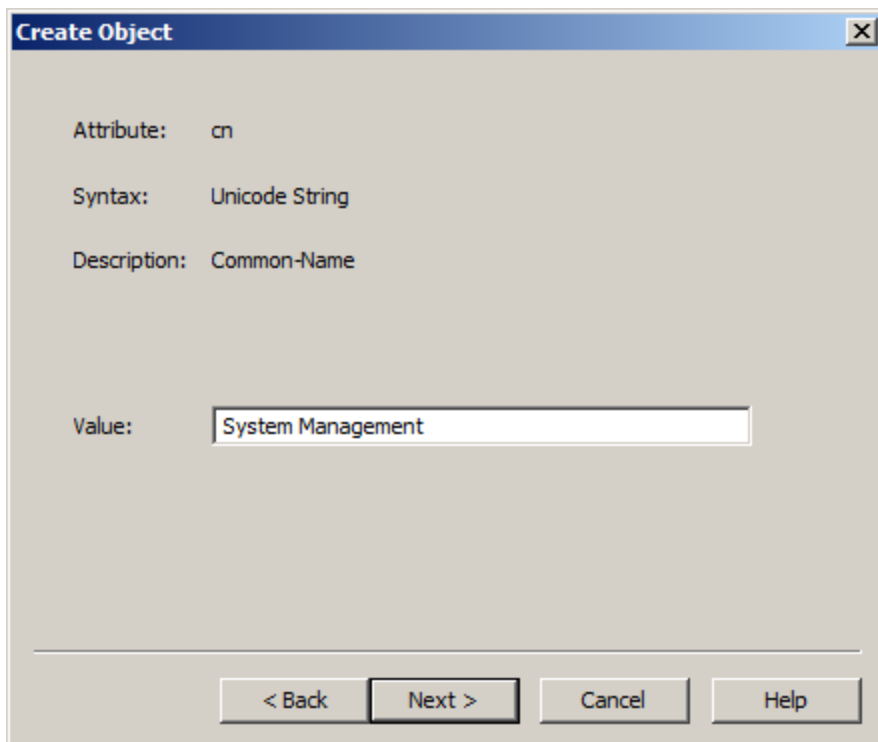
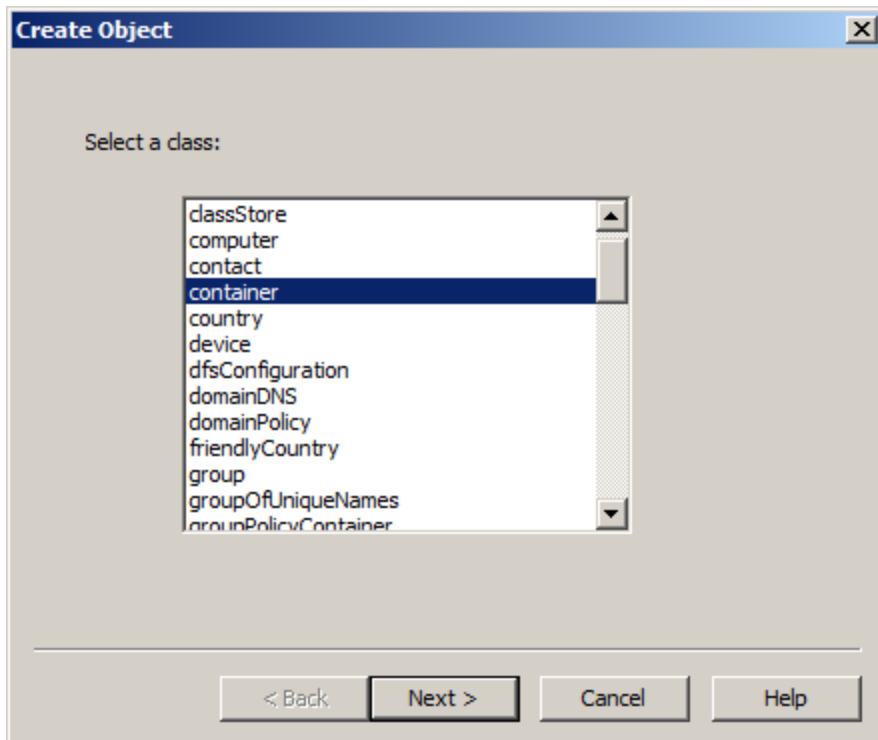
- DC=CORP,DC=SATNIX,DC=COM
 - CN=BuiltIn
 - CN=Computers
 - OU=Domain Controllers
 - CN=ForeignSecurityPrincipals
 - CN=LostAndFound
 - CN=Managed Service Accounts
 - CN=NTDS Quotas
 - CN=Program Data
 - CN=System
 - CN=Users

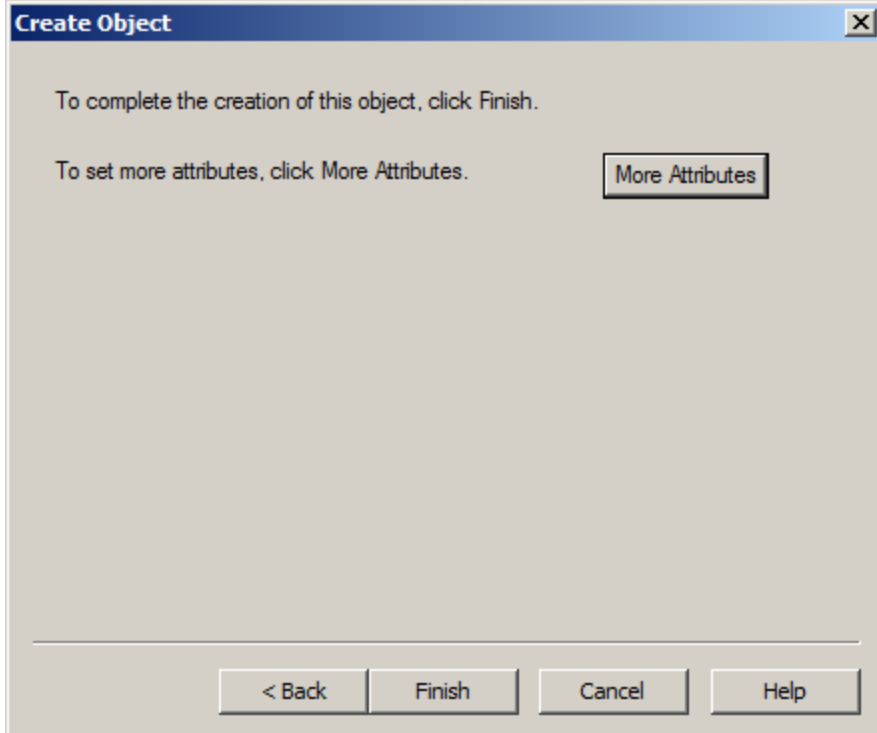
Name	Class	Distinguished Name
CN=BuiltIn	builtinDomain	CN=BuiltIn,DC=CORP,DC=SATNIX,DC=COM
CN=Computers	container	CN=Computers,DC=CORP,DC=SATNIX,DC=COM
OU=Domain Controllers	organizationalUnit	OU=Domain Controllers,DC=CORP,DC=SATNIX,DC=COM
CN=ForeignSecurityPrincipals	container	CN=ForeignSecurityPrincipals,DC=CORP,DC=SATNIX,DC=COM
CN=LostAndFound	lostAndFound	CN=LostAndFound,DC=CORP,DC=SATNIX,DC=COM
CN=Managed Service Accounts	container	CN=Managed Service Accounts,DC=CORP,DC=SATNIX,DC=COM
CN=NTDS Quotas	msDS-Quotas	CN=NTDS Quotas,DC=CORP,DC=SATNIX,DC=COM
CN=Program Data	container	CN=Program Data,DC=CORP,DC=SATNIX,DC=COM
CN=System	container	CN=System,DC=CORP,DC=SATNIX,DC=COM
CN=Users	container	CN=Users,DC=CORP,DC=SATNIX,DC=COM
CN=Infrastructure	infrastructureContainer	CN=Infrastructure,DC=CORP,DC=SATNIX,DC=COM

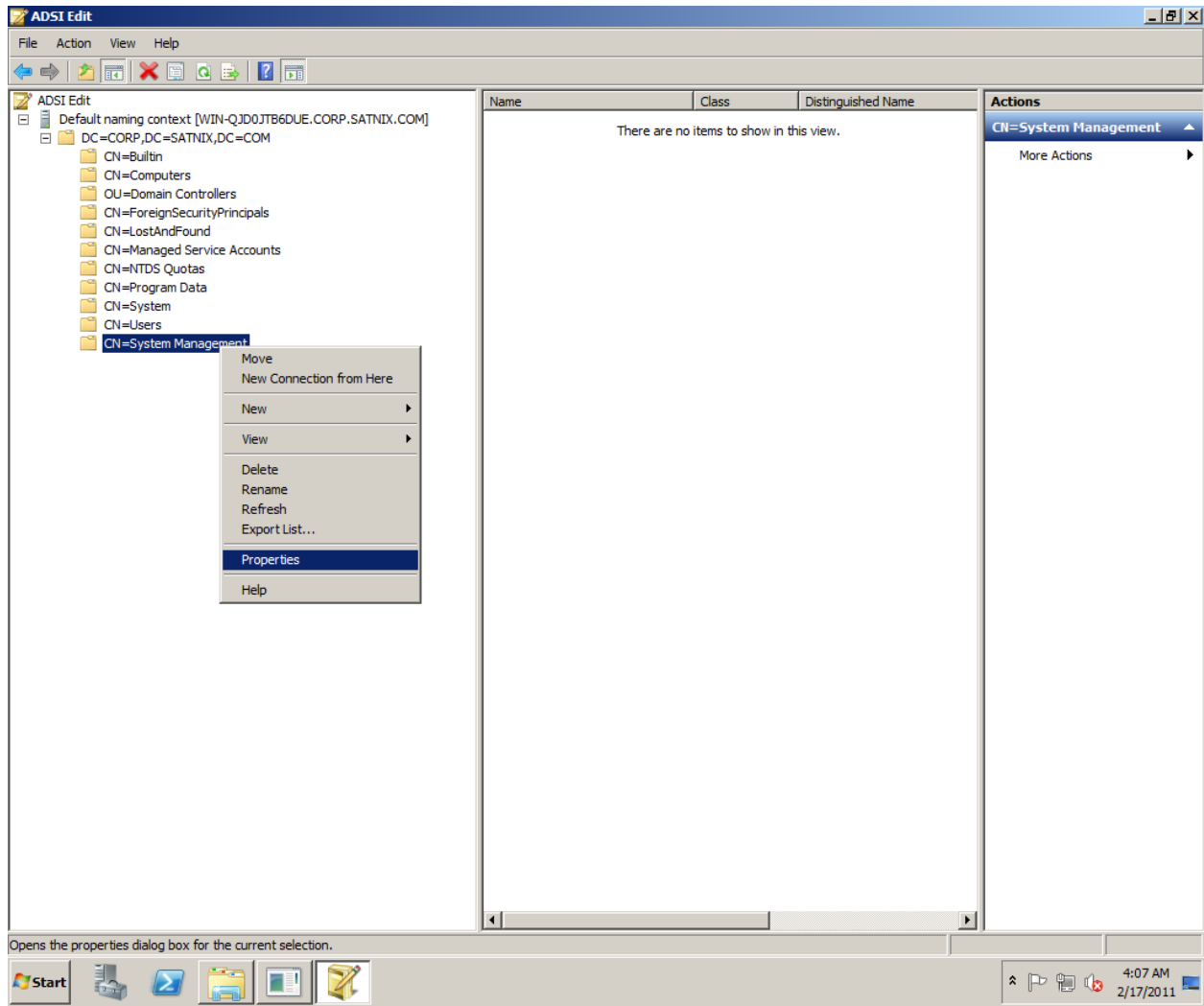
Actions

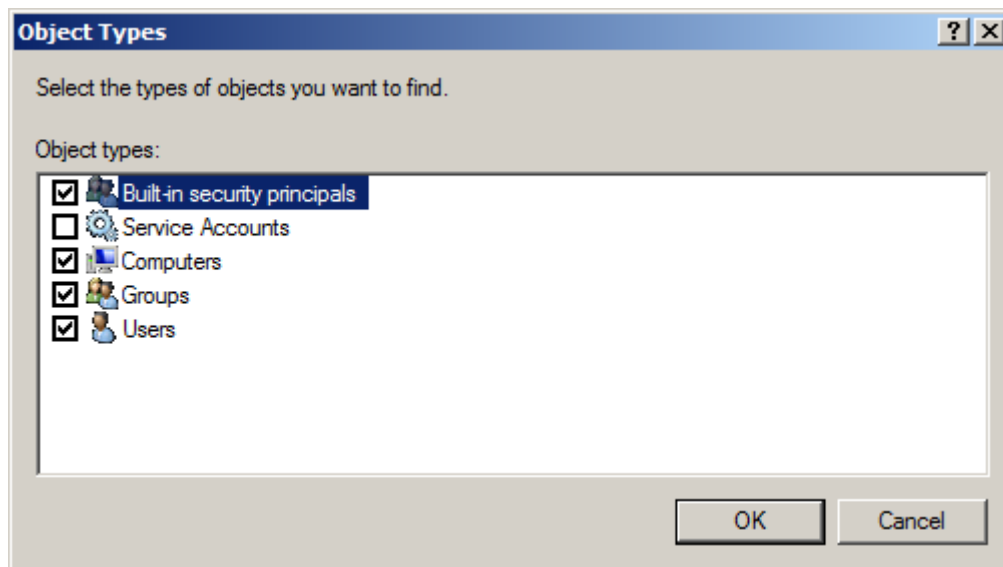
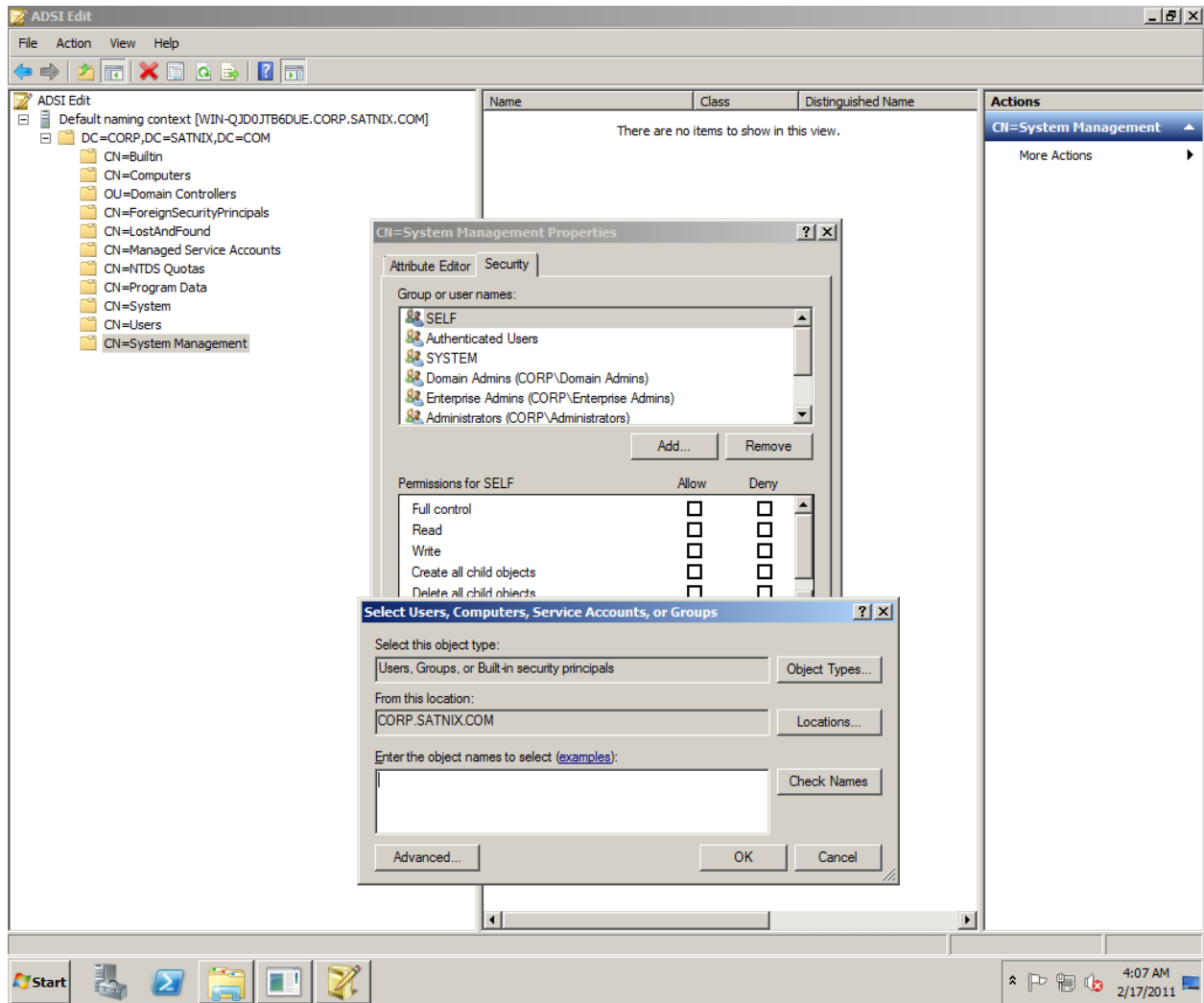
DC=CORP,DC=SATNIX,DC=COM

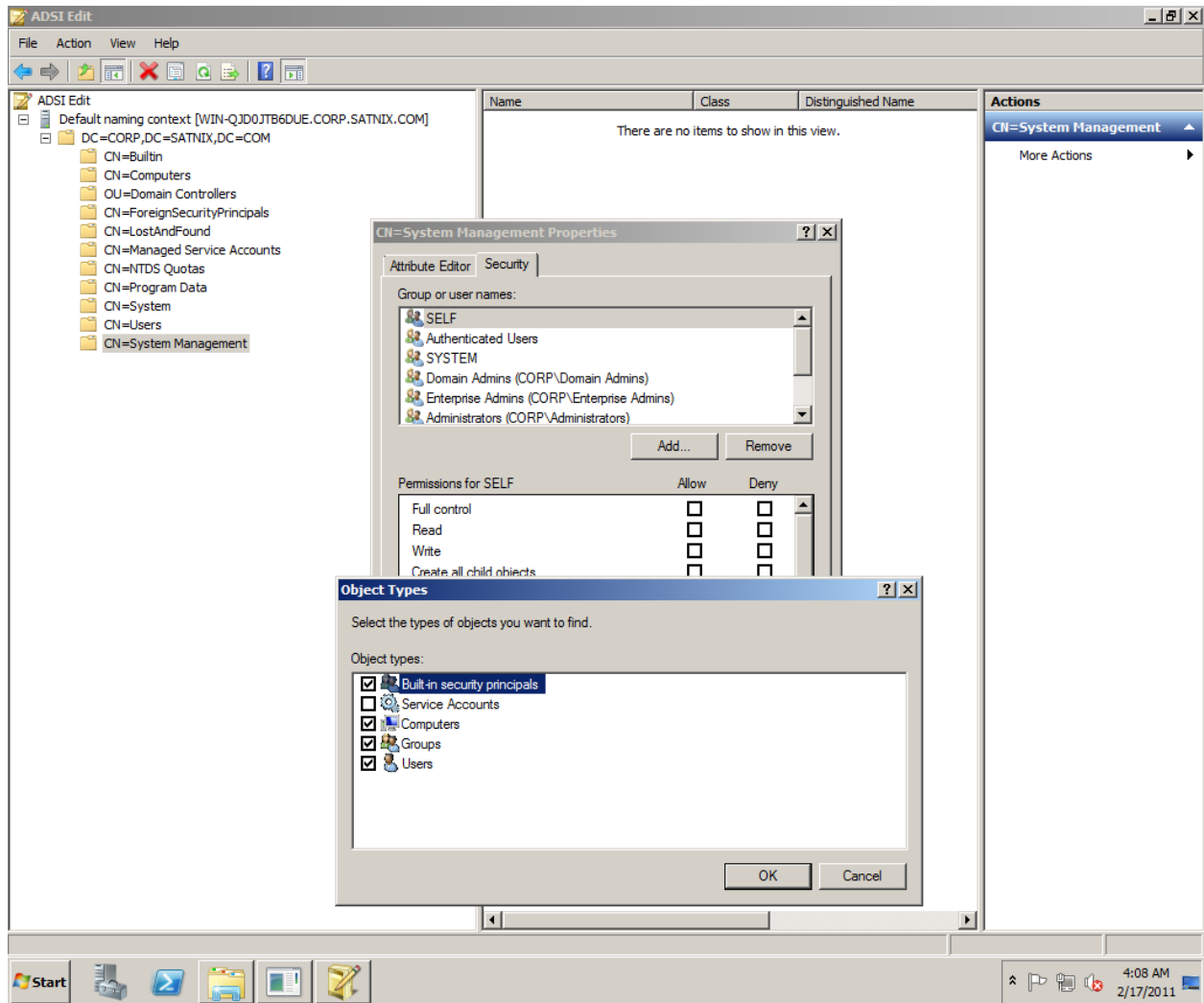
More Actions

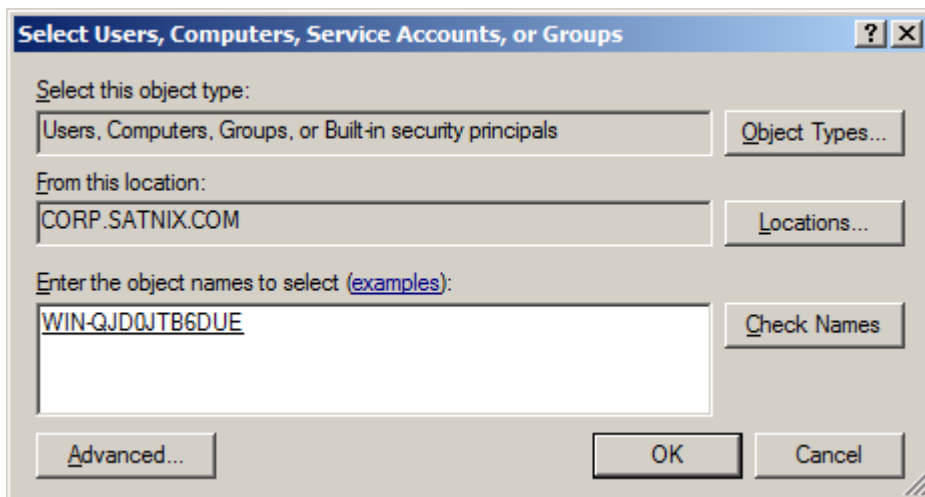
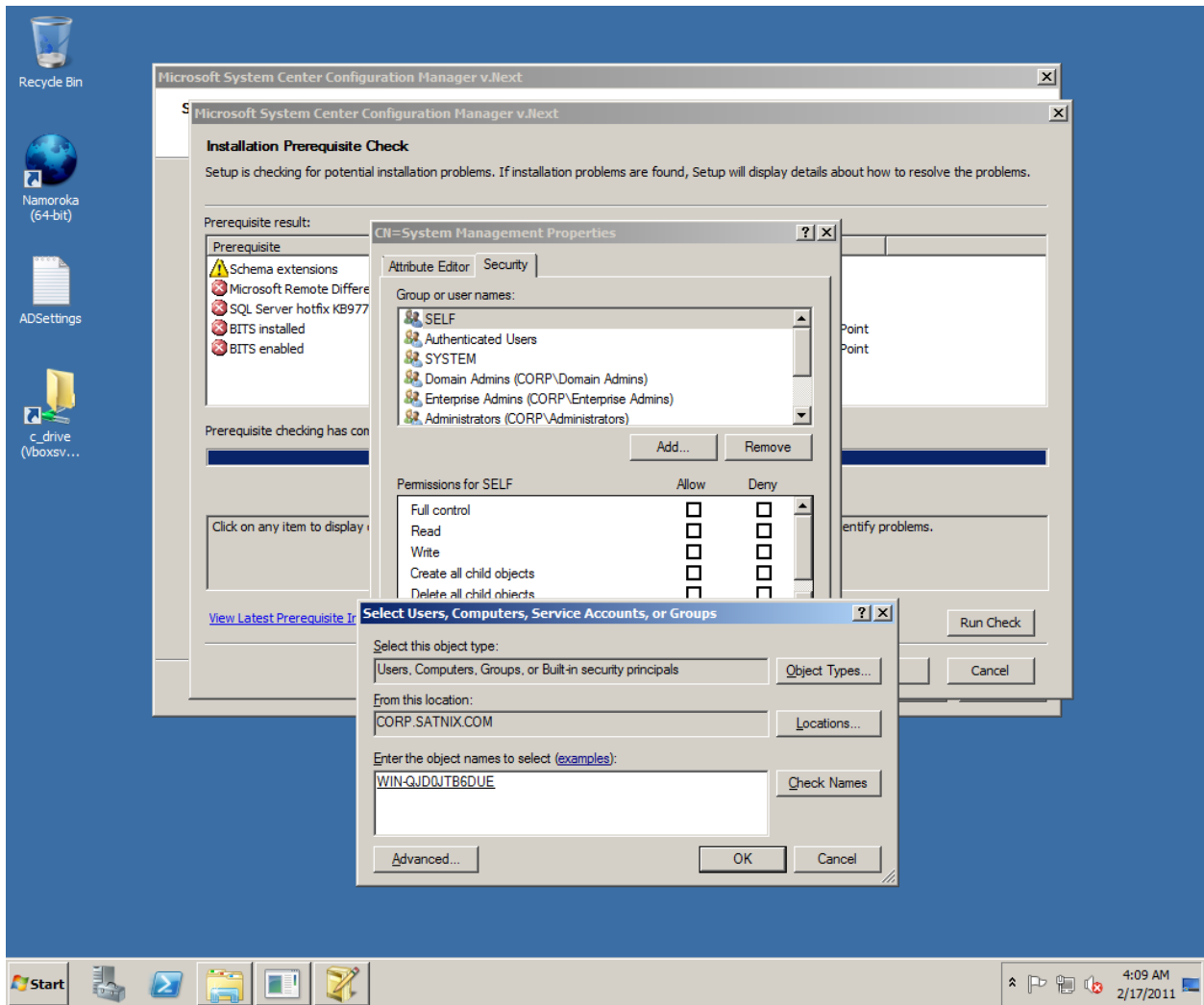


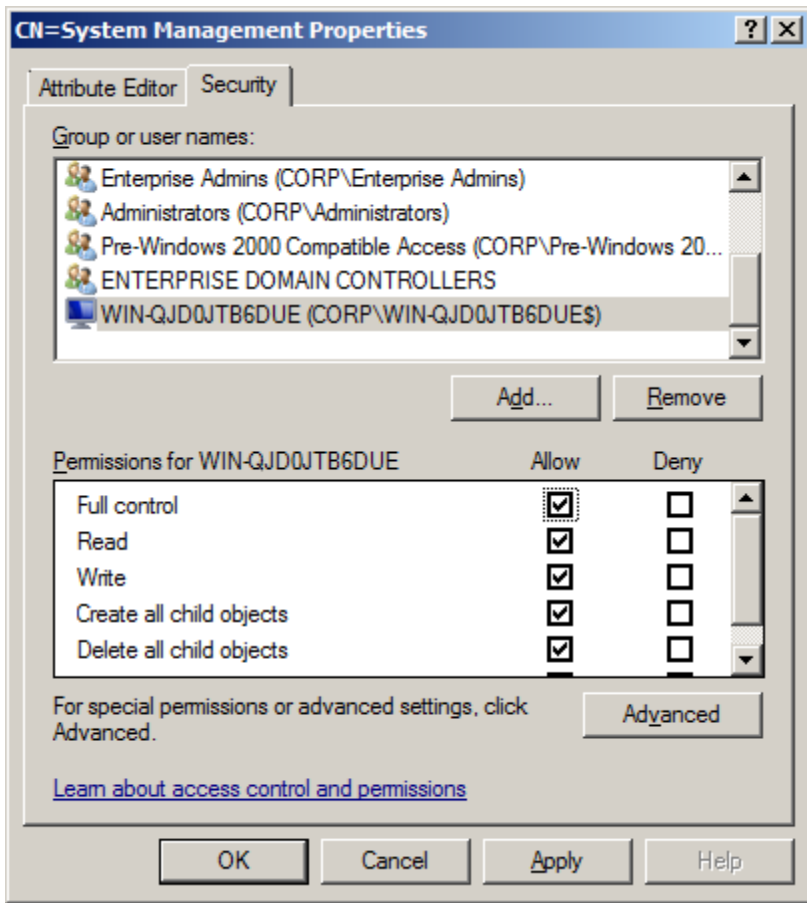


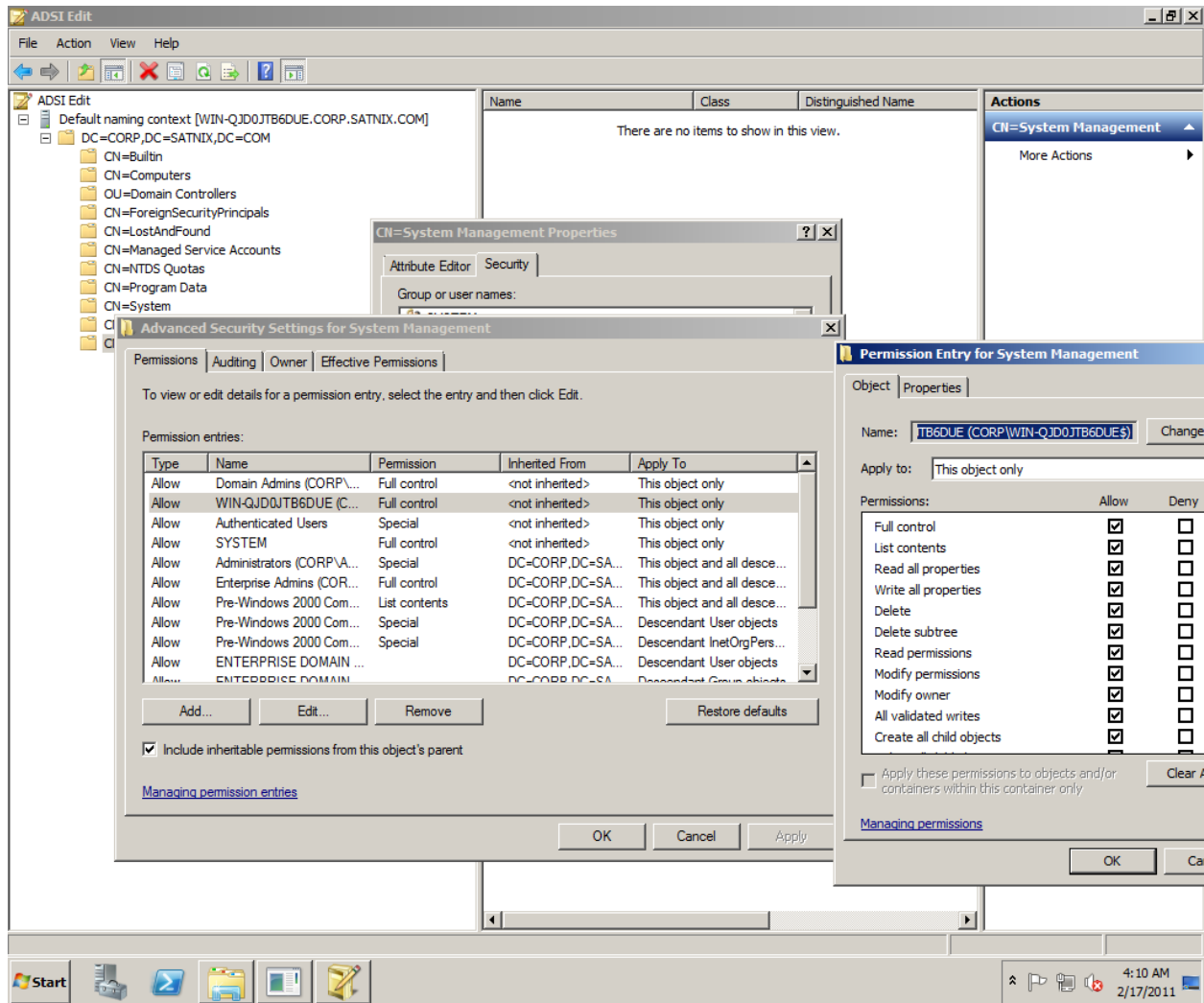


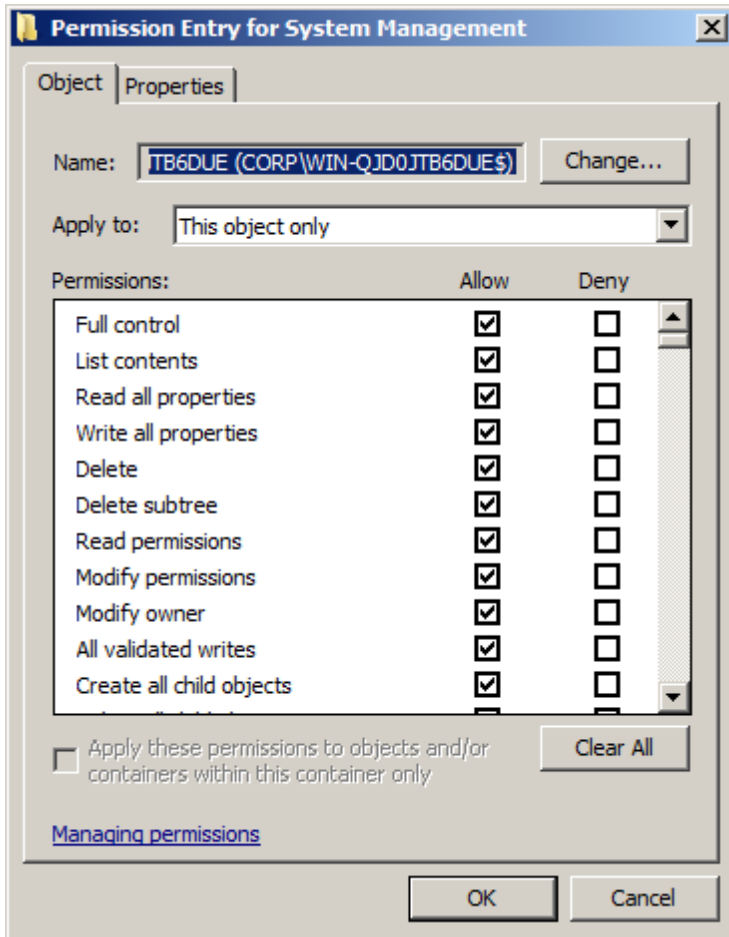






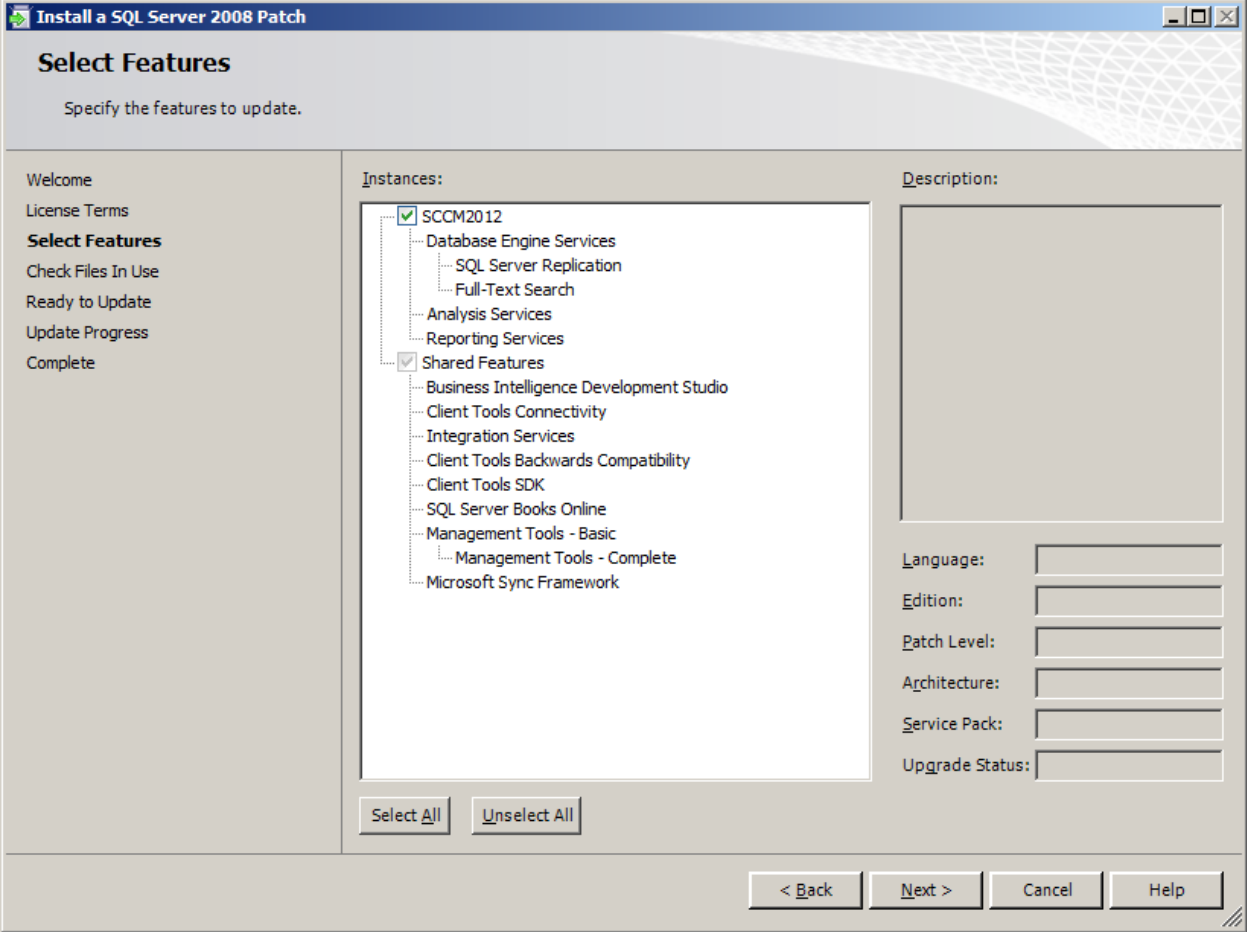


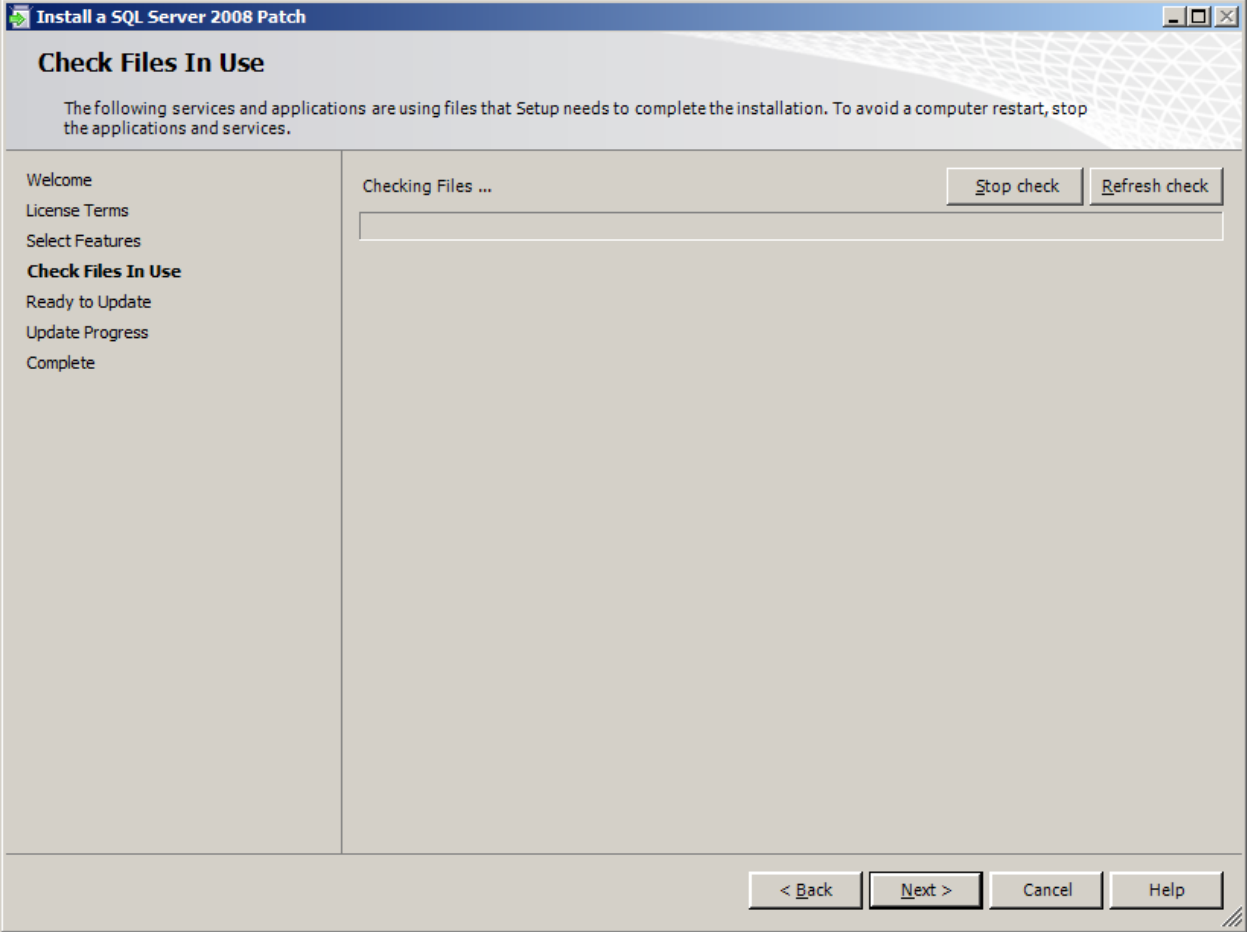




SQL SERVER 977443 KB SERVICE PACK







Check Files In Use

The following services and applications are using files that Setup needs to complete the installation. To avoid a computer restart, stop the applications and services.

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

Files in use check completed.

Stop check

Refresh check

Process	Type	Account	ProcessID
fdhost.exe	Application	NT AUTHORITY\LOCAL S...	2496

The 'fdhost.exe' process is not controlled by the update wizard. You have to manually stop this process to avoid a computer restart.

< Back

Next >

Cancel

Help

Install a SQL Server 2008 Patch

Ready to Update

Verify the list of features to be updated.

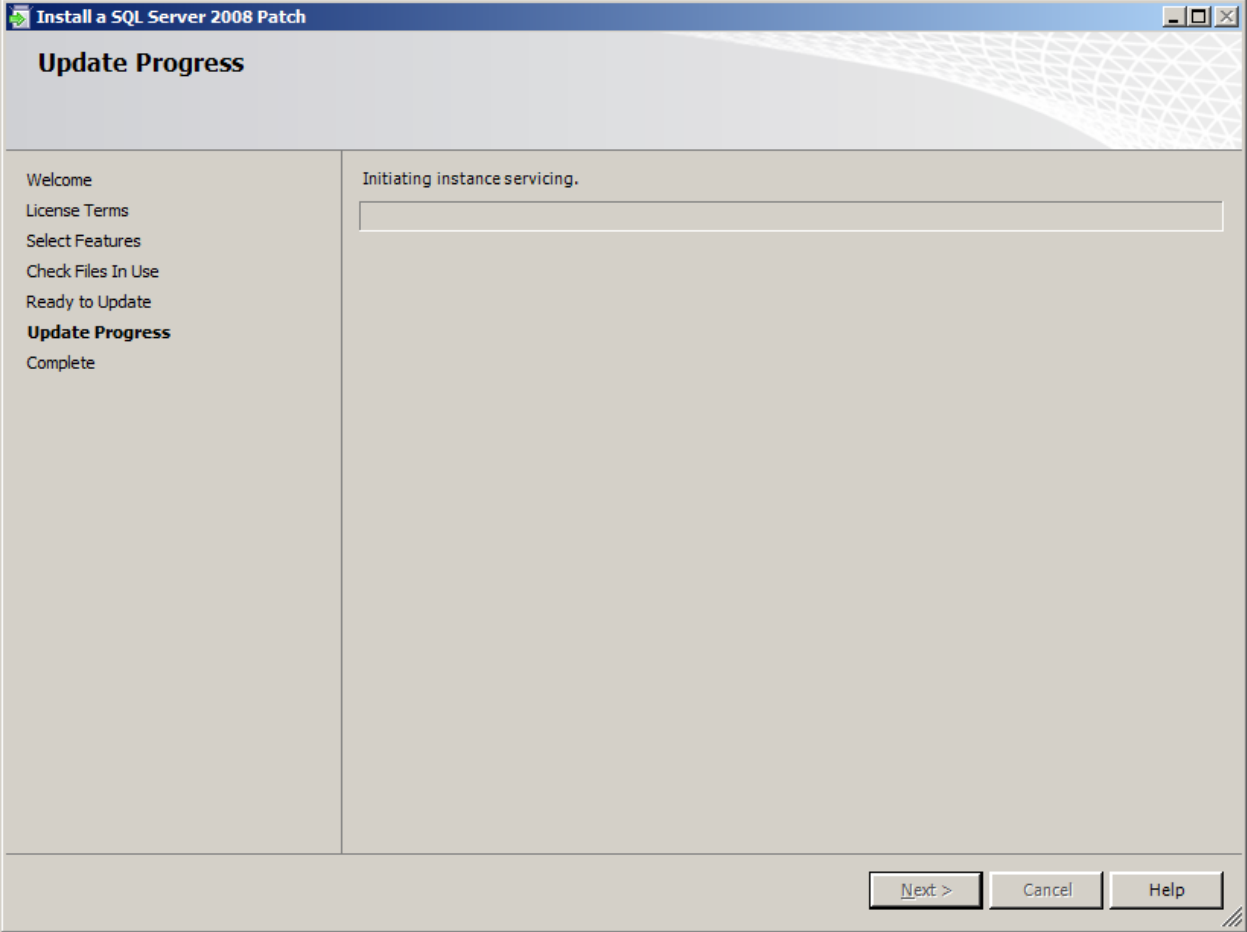
- Welcome
- License Terms
- Select Features
- Check Files In Use
- Ready to Update**
- Update Progress
- Complete

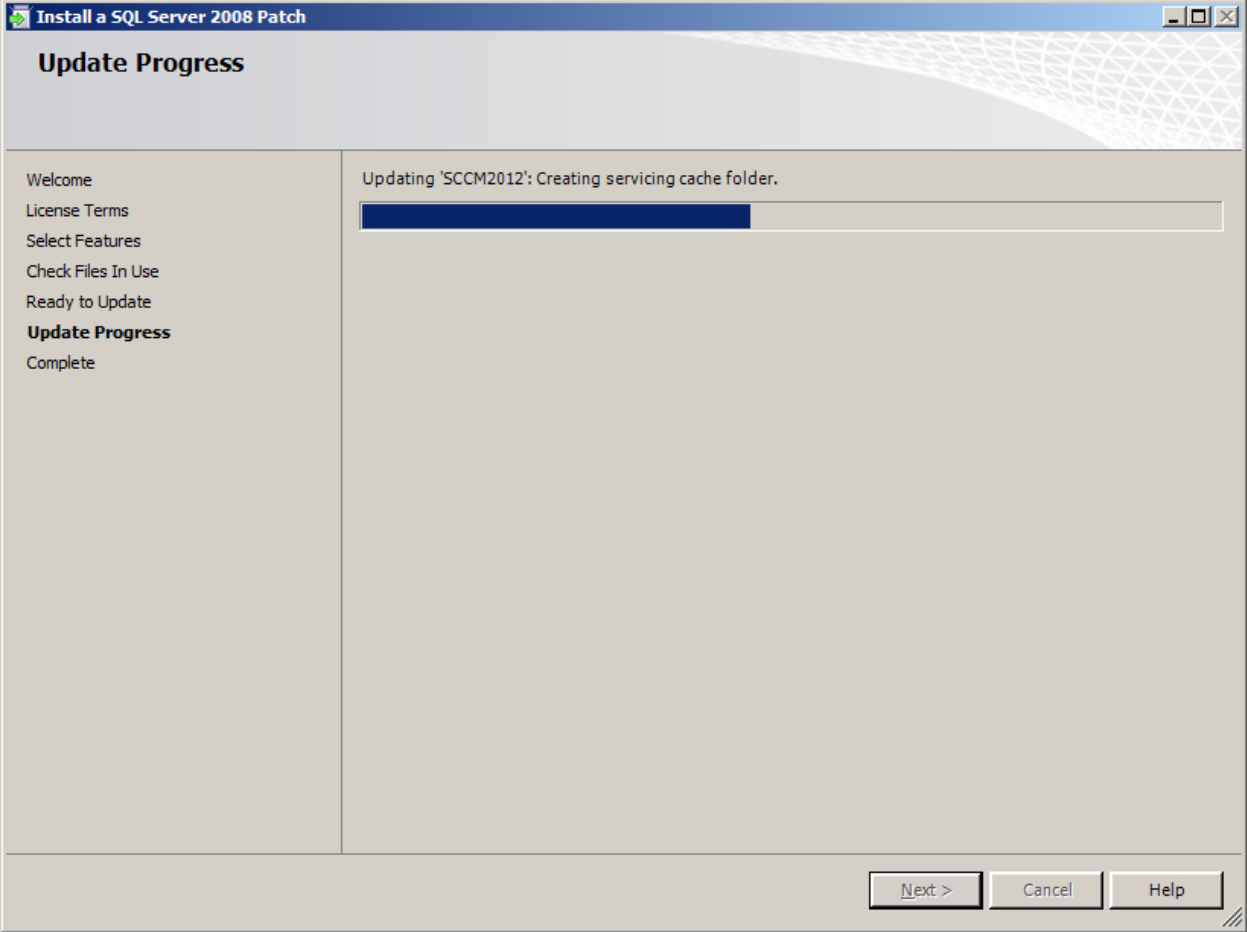
Ready to update:

- Summary
 - Action: Patch
 - General Configuration
 - SCCM2012
 - Features
 - Database Engine Services
 - SQL Server Replication
 - Full-Text Search
 - Analysis Services
 - Reporting Services
 - Attributes
 - Language: English - United States
 - Edition: Enterprise
 - Patch Level: 10.1.2531.0
 - Processor Type: x64
 - Service Pack:
 - Upgrade Status: Not installed.
 - Shared Features
 - Features
 - Business Intelligence Development Studio
 - Client Tools Connectivity
 - Integration Services
 - Client Tools Backwards Compatibility

Configuration file path:

< Back Update Cancel Help





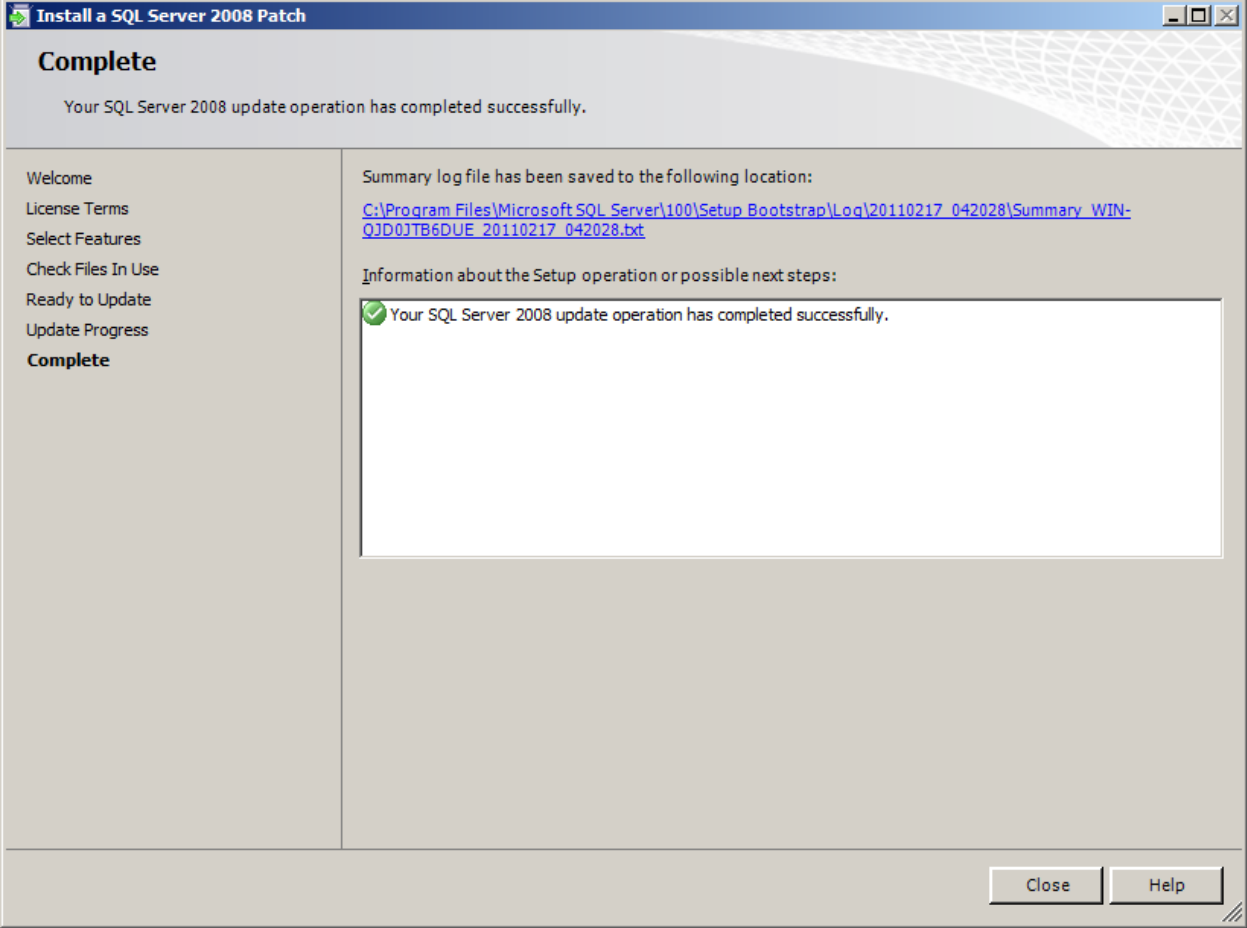
Update Progress

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

Completed updating 'SCCM2012'

Instance Name	Status
✓ SCCM2012	Success

Next > Cancel Help



Configuring WEBDAV ON IIS 7.5

The screenshot displays the Server Manager console for a Web Server (IIS). The left-hand navigation pane shows the following structure:

- Roles
 - Active Directory Domain Se
 - DNS Server
 - File Services
 - Web Server (IIS)**
 - Internet Information Se
 - Windows Server Update Se
- Features
- Diagnostics
- Configuration
- Storage

The main content area is titled "Web Server (IIS)" and includes the following sections:

- Summary**
 - Events:** 3 informational in the last 24 hours. Number of events: 3.

Level	Event ID	Date and Time	Source
Information	3201	2/17/2011 3:42:39 AM	IIS-IISReset
Information	3201	2/17/2011 3:42:17 AM	IIS-IISReset
Information	3202	2/17/2011 3:40:55 AM	IIS-IISReset
 - System Services:** 4 Running, 1 Stopped.

Display Name	Service Name	Status	Startup Type	Monitor
Application Host Helper Service	APPHOSTSVC	Running	Auto	Yes
ASP.NET State Service	aspnet_state	Stopped	Manual	No
IIS Admin Service	IISADMIN	Running	Auto	Yes
Windows Process Activation Service	WAS	Running	Manual	No
World Wide Web Publishing Service	W3SVC	Running	Auto	Yes
 - Description:** Provides administrative services for IIS, for example configuration history and Application Pool account mapping. If this service is stopped, configuration history and locking down files or directories with Application Pool specific Access Control Entries will not work.
 - Best Practices Analyzer:** To start a Best Practices Analyzer scan, click Scan this Role.

Severity	Title	Category
----------	-------	----------

At the bottom of the console, there is a status bar that reads: "Last Refresh: Today at 10:08 PM [Configure refresh](#)".

Server Manager (WIN-QJD0JT6DU)

File Action View Help

Server Manager (WIN-QJD0JT6DU) Web Server (IIS)

Provides a reliable, manageable, and scalable Web application infrastructure.

Roles

- Active Directory Domain Services
- DNS Server
- File Services
- Web Server (IIS)
- Internet Information Services
- Windows Server

Features

- Diagnostics
- Configuration
- Storage

Events: 3 informational in the last 24 hours
Number of events: 3

Severity	Event ID	Date and Time	Source
Information	3201	2/17/2011 3:42:39 AM	IIS-IISReset
Information	3201	2/17/2011 3:42:17 AM	IIS-IISReset
Information	3202	2/17/2011 3:40:55 AM	IIS-IISReset

System Services: 4 Running, 1 Stopped

Display Name	Service Name	Status	Startup Type	Monitor
Application Host Helper Service	APPHOSTSVC	Running	Auto	Yes
ASP.NET State Service	aspnet_state	Stopped	Manual	No
IIS Admin Service	IISADMIN	Running	Auto	Yes
Windows Process Activation Service	WAS	Running	Manual	No
World Wide Web Publishing Service	W3SVC	Running	Auto	Yes

Description:
Provides administrative services for IIS, for example configuration history and Application Pool account mapping. If this service is stopped, configuration history and locking down files or directories with Application Pool specific Access Control Entries will not work.

Best Practices Analyzer: To start a Best Practices Analyzer scan, click Scan this Role

Noncompliant (0) Excluded (0) Compliant (0) All (0)

Severity	Title	Category
----------	-------	----------

Last Refresh: Today at 10:08 PM [Configure refresh](#)

Add role services to this role.

Start

10:09 PM 2/17/2011



Select Role Services

Role Services

Confirmation

Progress

Results

Select the role services to install for Web Server (IIS):

Role services:


- Web Server (Installed)
 - Common HTTP Features (Installed)
 - Static Content (Installed)
 - Default Document (Installed)
 - Directory Browsing (Installed)
 - HTTP Errors (Installed)
 - HTTP Redirection
 - WebDAV Publishing
 - Application Development (Installed)
 - ASP.NET (Installed)
 - .NET Extensibility (Installed)
 - ASP
 - CGI
 - ISAPI Extensions (Installed)
 - ISAPI Filters (Installed)
 - Server Side Includes
 - Health and Diagnostics (Installed)
 - HTTP Logging (Installed)
 - Logging Tools
 - Request Monitor (Installed)
 - Tracing

Description:

[FTP Server](#) enables the transfer of files between a client and server by using the FTP protocol. Users can establish an FTP connection and transfer files by using an FTP client or FTP-enabled Web browser.


[More about role services](#)


Add Role Services [Close]


 **Confirm Installation Selections**


Role Services
Confirmation
Progress
Results

To install the following roles, role services, or features, click Install.

 2 informational messages below

 This server might need to be restarted after the installation completes.

 **Web Server (IIS)**

 [Find out more about Windows System Resource Manager \(WSRM\) and how it can help optimize CPU usage](#)

Web Server

- Common HTTP Features
 - HTTP Redirection
 - WebDAV Publishing
- Application Development
 - ASP
 - CGI
 - Server Side Includes
- Health and Diagnostics
 - Logging Tools
 - Tracing
 - Custom Logging
 - ODBC Logging
- Security
 - Basic Authentication

[Print, e-mail, or save this information](#)

< Previous Next > Install Cancel



Installation Progress

- Role Services
- Confirmation
- Progress**
- Results

The following roles, role services, or features are being installed:

Web Server (IIS)



Initializing installation...


< Previous

Next >

Install


Cancel


Add Role Services [X]



 **Installation Results**

Role Services
Confirmation
Progress
Results

The following roles, role services, or features were installed successfully:

 1 warning message below

 Windows automatic updating is not enabled. To ensure that your newly-installed role or feature is automatically updated, turn on Windows Update in Control Panel.

 **Web Server (IIS)**  **Installation succeeded**

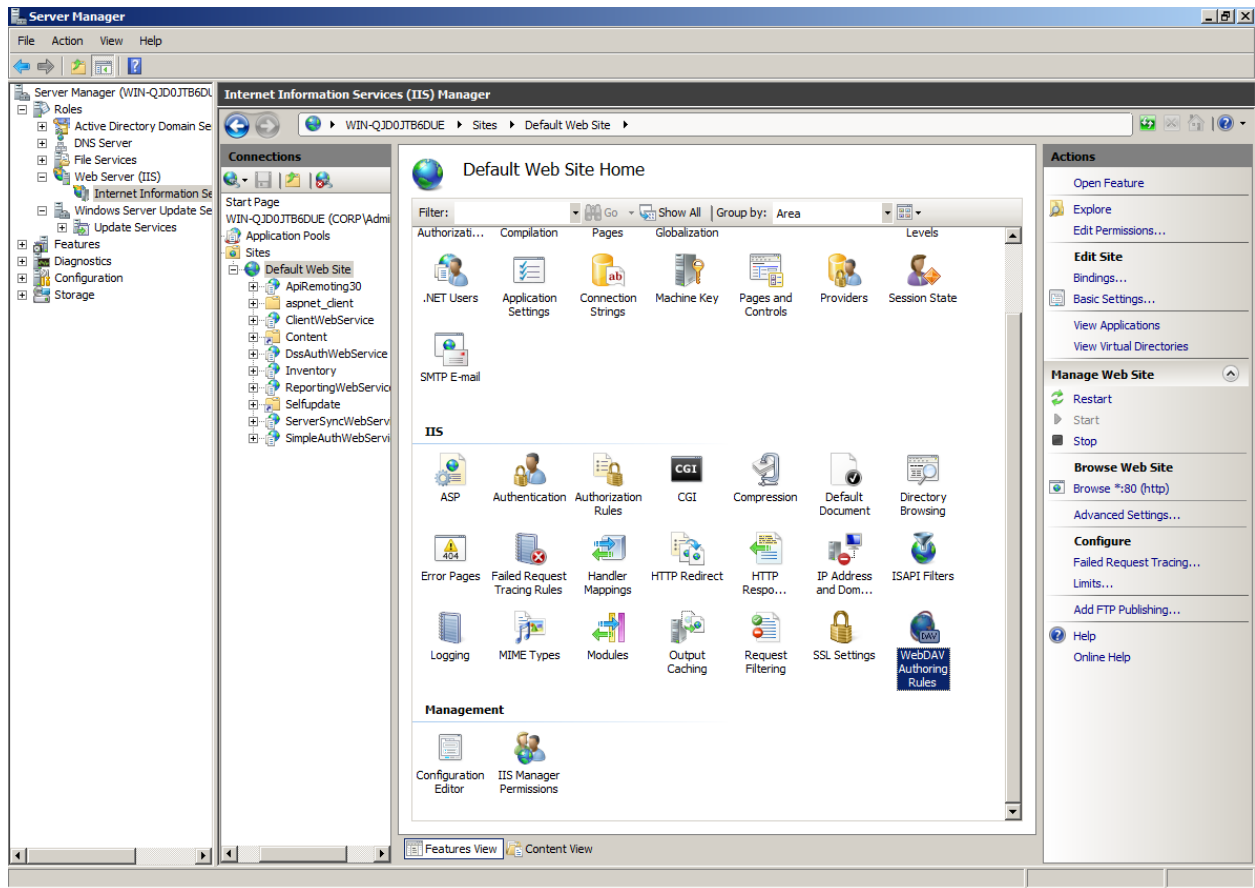
The following role services were installed:

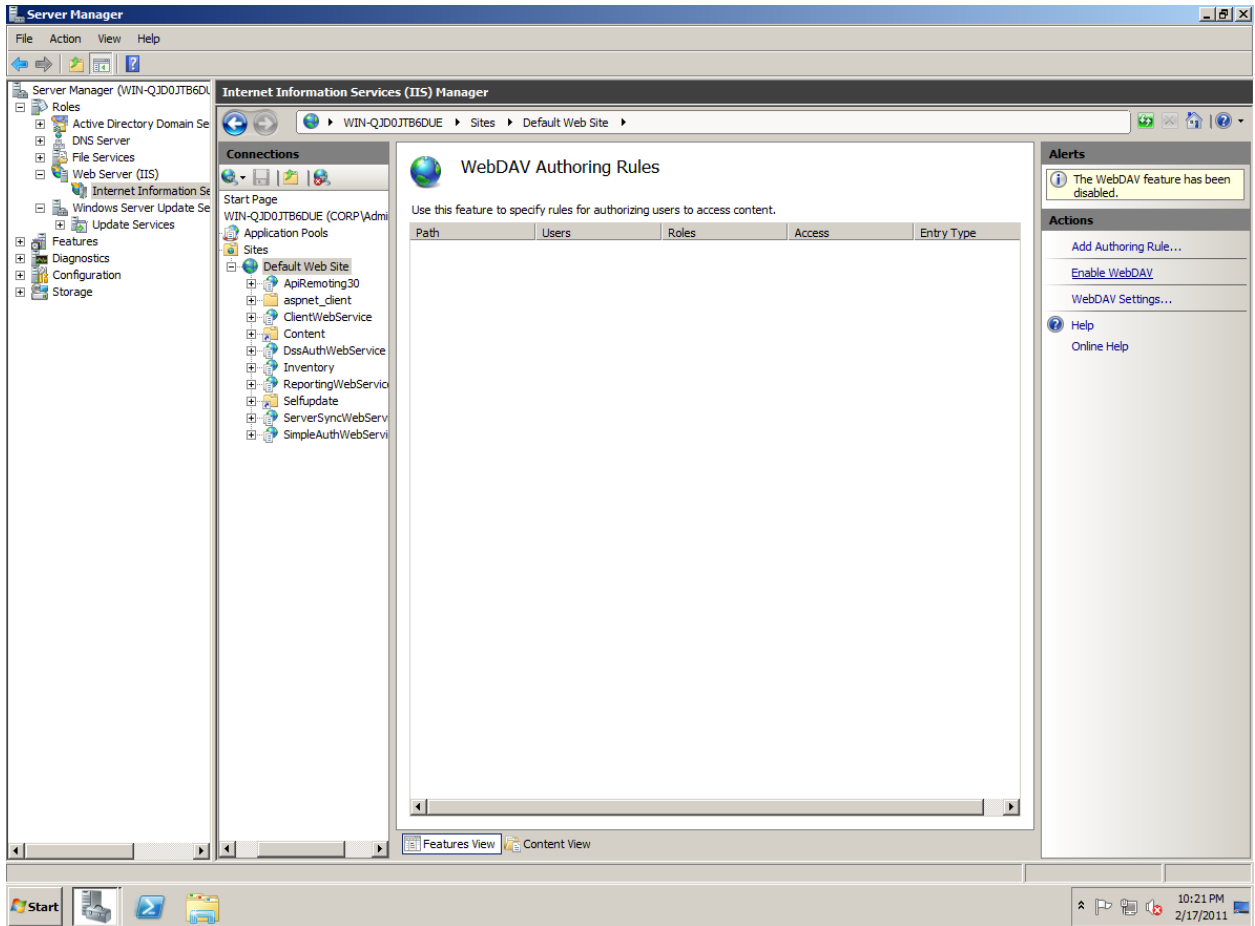
Web Server

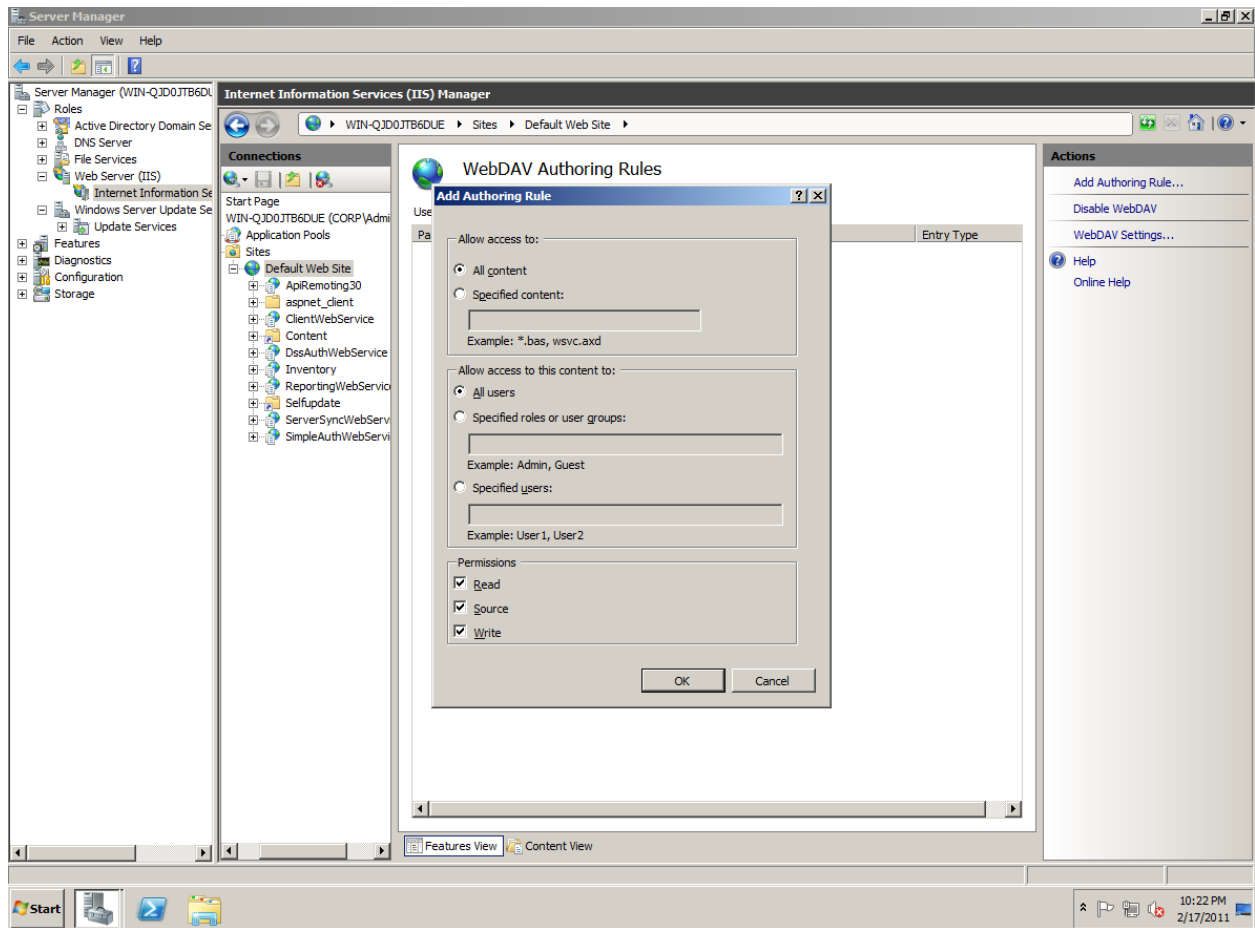
- Common HTTP Features
 - HTTP Redirection
 - WebDAV Publishing
- Application Development
 - ASP
 - CGI
 - Server Side Includes
- Health and Diagnostics
 - Logging Tools
 - Tracing
 - Custom Logging
 - ODBC Logging
- Security
 - Basic Authentication

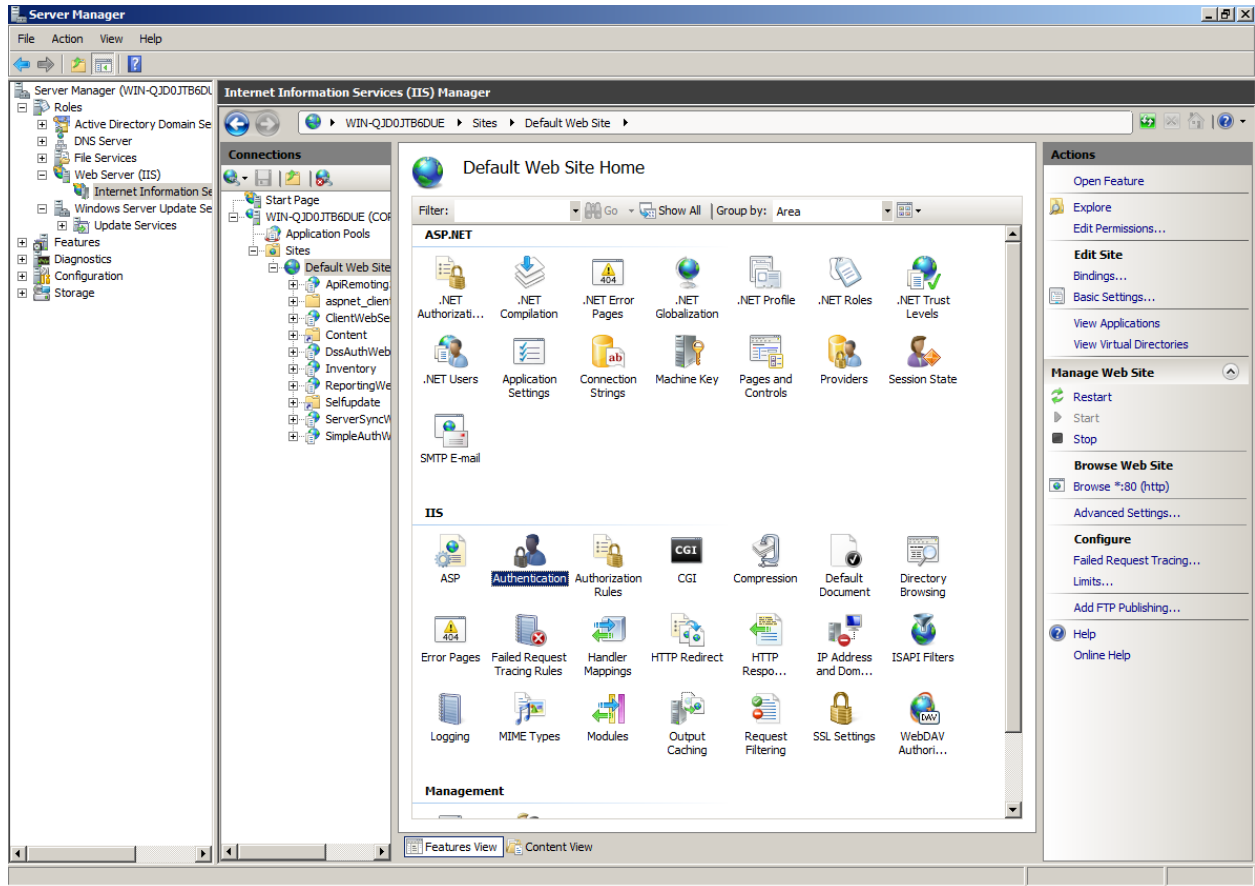
[Print, e-mail, or save the installation report](#)

< Previous Next > Close Cancel









Server Manager (WIN-QJD0JT6DUE) Internet Information Services (IIS) Manager

File Action View Help

WIN-QJD0JT6DUE > Sites > Default Web Site

Connections

Start Page

WIN-QJD0JT6DUE (CO...

Application Pools

Sites

Default Web Site

ApiRemoting

aspnet_client

ClientWebSe

DssAuthWeb

Inventory

ReportingWe

Selfupdate

ServerSynct

SimpleAuthW

Authentication

Group by: No Grouping

Name	Status	Response Type
Anonymous Authentication	Enabled	
ASP.NET Impersonation	Disabled	
Basic Authentication	Disabled	HTTP 401 Challenge
Digest Authentication	Disabled	HTTP 401 Challenge
Forms Authentication	Disabled	HTTP 302 Login/Redirect
Windows Authentication	Enabled	HTTP 401 Challenge

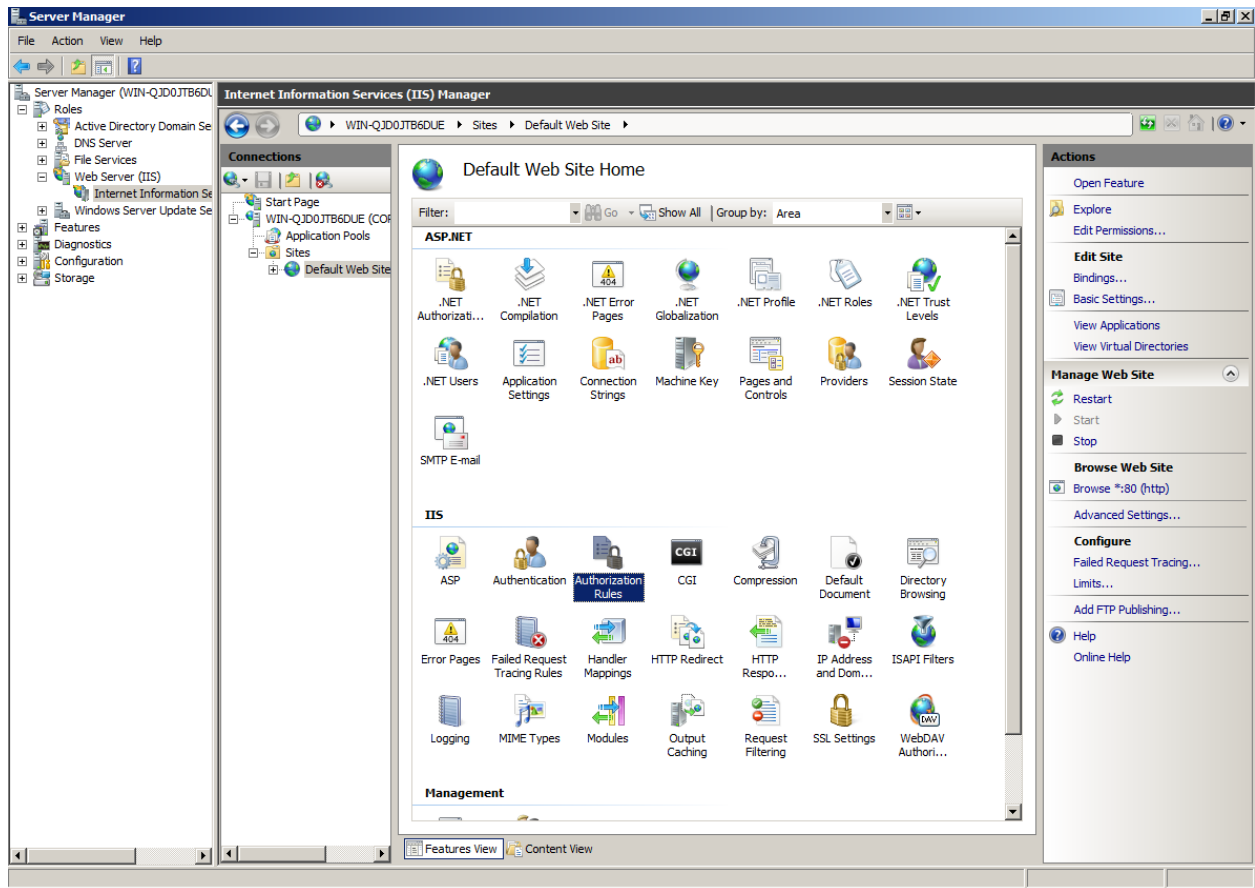
Alerts

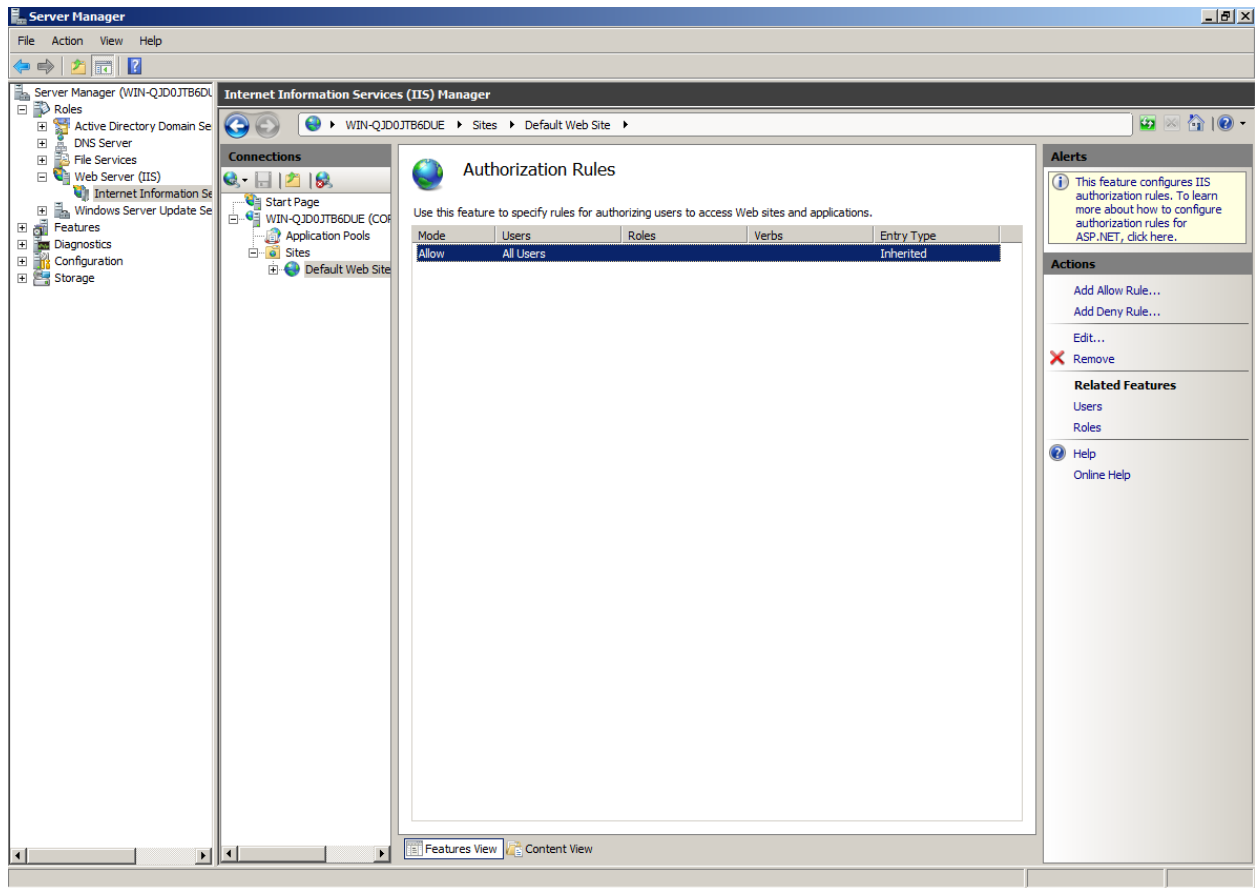
Click here to learn how to configure Extended Protection.

Actions

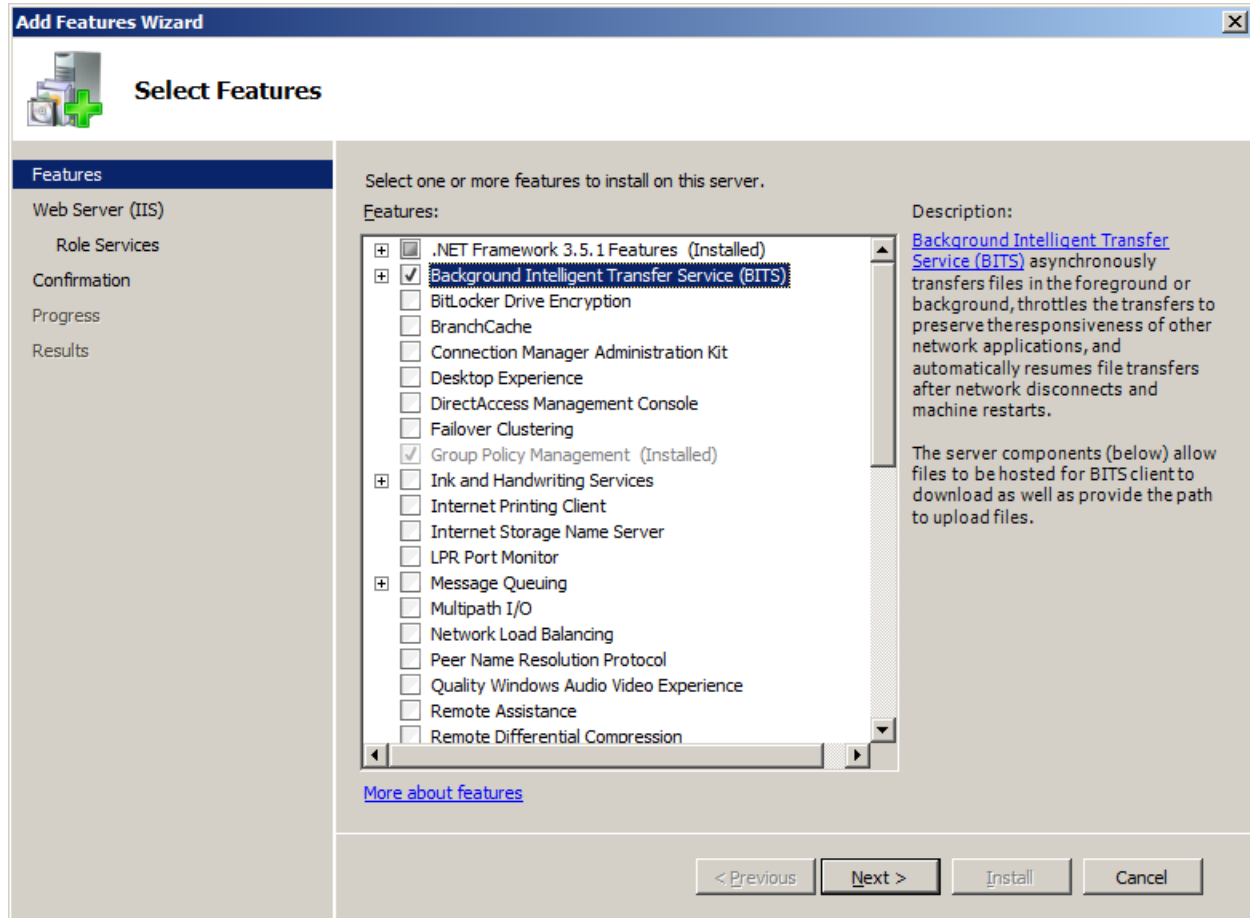
- Disable
- Advanced Settings...
- Providers...
- Help
- Online Help

Features View Content View






Background Intelligent Transfer Service BITS



Add Features Wizard [X]



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 return responses to those requests. Web servers let you share information over the Internet, or through intranets 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.

Things to Note


- Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer.
- The default installation for the Web 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.

Additional Information

- [Overview of Web Server \(IIS\)](#)
- [Overview of Available Role Services in IIS 7.0](#)
- [IIS Checklists](#)
- [Common Administrative Tasks in IIS](#)
- [Overview of WSRM](#)

< Previous **Next >** Install Cancel

Add Features Wizard [X]

 **Select Role Services**

Features
Web Server (IIS)
Role Services
Confirmation
Progress
Results

Select the role services to install for Web Server (IIS):

Role services:

- Web Server (Installed)
 - Common HTTP Features (Installed)
 - Static Content (Installed)
 - Default Document (Installed)
 - Directory Browsing (Installed)
 - HTTP Errors (Installed)
 - HTTP Redirection
 - WebDAV Publishing
 - Application Development (Installed)
 - ASP.NET (Installed)
 - .NET Extensibility (Installed)
 - ASP
 - CGI
 - ISAPI Extensions (Installed)
 - ISAPI Filters (Installed)
 - Server Side Includes
 - Health and Diagnostics (Installed)
 - HTTP Logging (Installed)
 - Logging Tools
 - Request Monitor (Installed)
 - Tracing

Description:
[IIS Hostable Web Core](#) enables you to write custom code that will host core IIS functionality in your own application. HWC enables your application to serve HTTP requests and use its own applicationHost.config and root web.config configuration files. The HWC application extension is contained in the hwebcore.dll file.

[More about role services](#)

< Previous Next > Install Cancel



Installation Progress

Features

Web Server (IIS)

Role Services

Confirmation

Progress

Results

The following roles, role services, or features are being installed:

Web Server (IIS)

Background Intelligent Transfer Service (BITS)



Installing...


< Previous

Next >

Install


Cancel

Add Features Wizard [X]

 **Installation Results**

Features
Web Server (IIS)
 Role Services
Confirmation
Progress
Results

The following roles, role services, or features were installed successfully:

 1 warning message below

The following role services were installed:

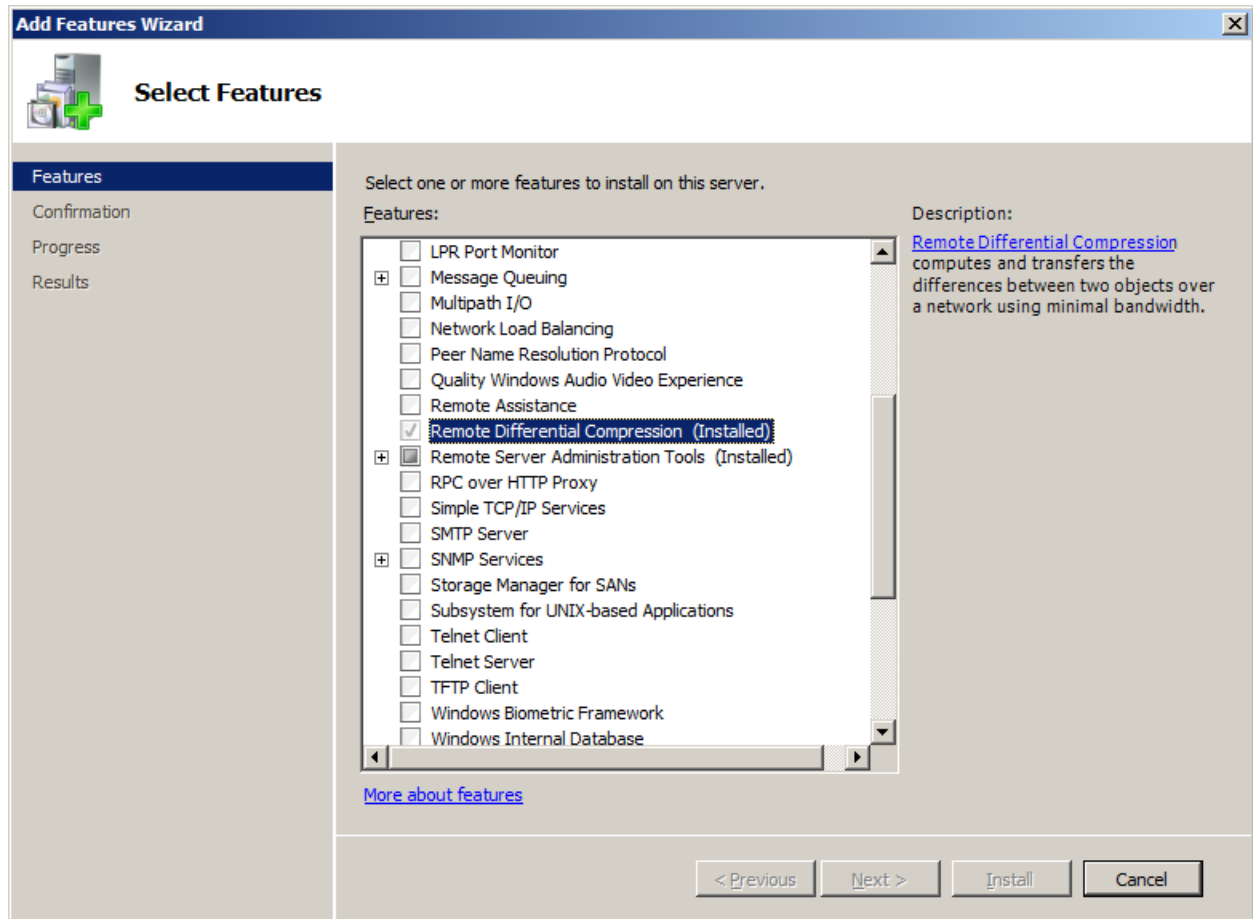
Web Server

- Common HTTP Features
 - HTTP Redirection
 - WebDAV Publishing
- Application Development
 - ASP
 - CGI
 - Server Side Includes
- Health and Diagnostics
 - Logging Tools
 - Tracing
 - Custom Logging
 - ODBC Logging
- Security
 - Basic Authentication
 - Digest Authentication
 - Client Certificate Mapping Authentication
 - IIS Client Certificate Mapping Authentication
 - URL Authorization

[Print, e-mail, or save the installation report](#)

< Previous Next > **Close** Cancel

ADD FEATURE >> REMOTE DIFFERENTIAL





Installation Progress

Features

Confirmation

Progress

Results

The following roles, role services, or features are being installed:

Remote Differential Compression



Collecting installation results...

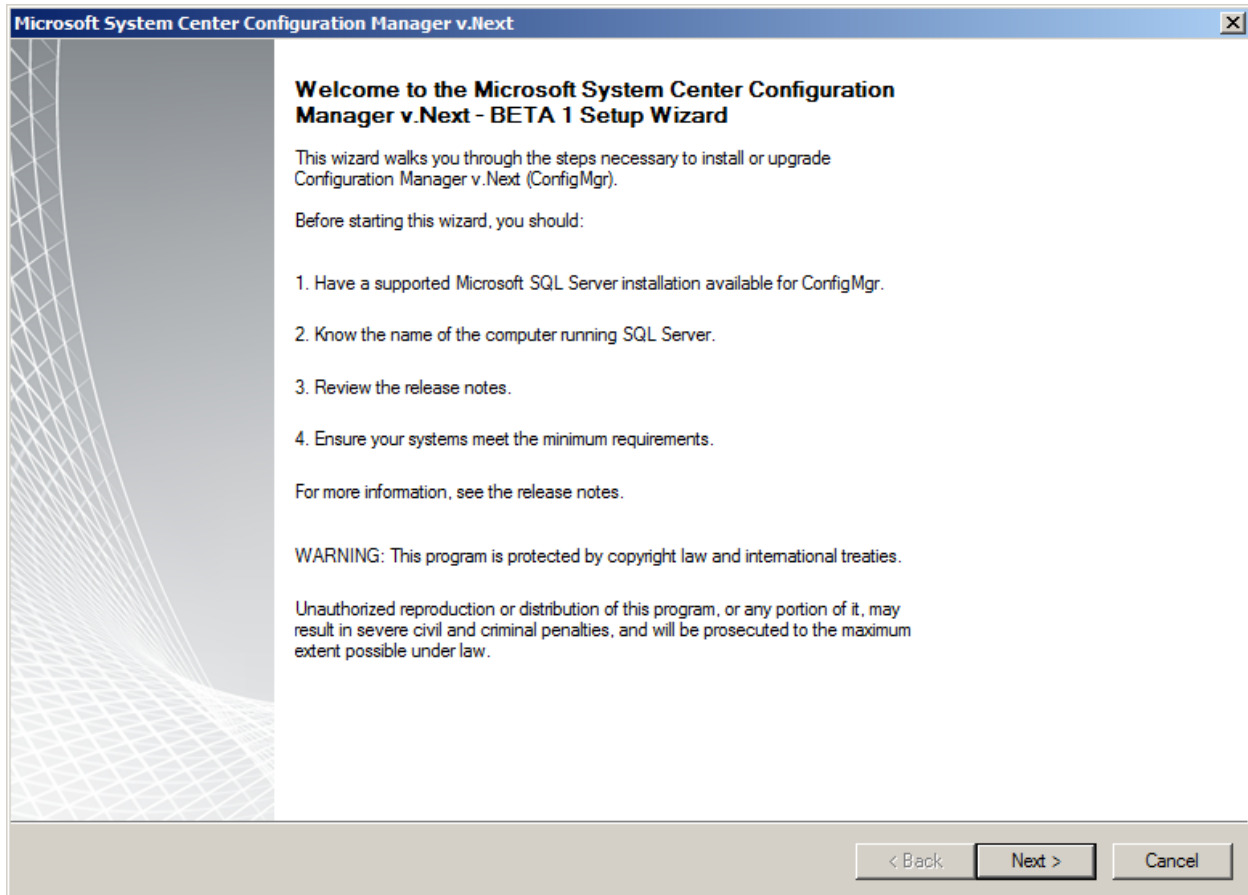
< Previous

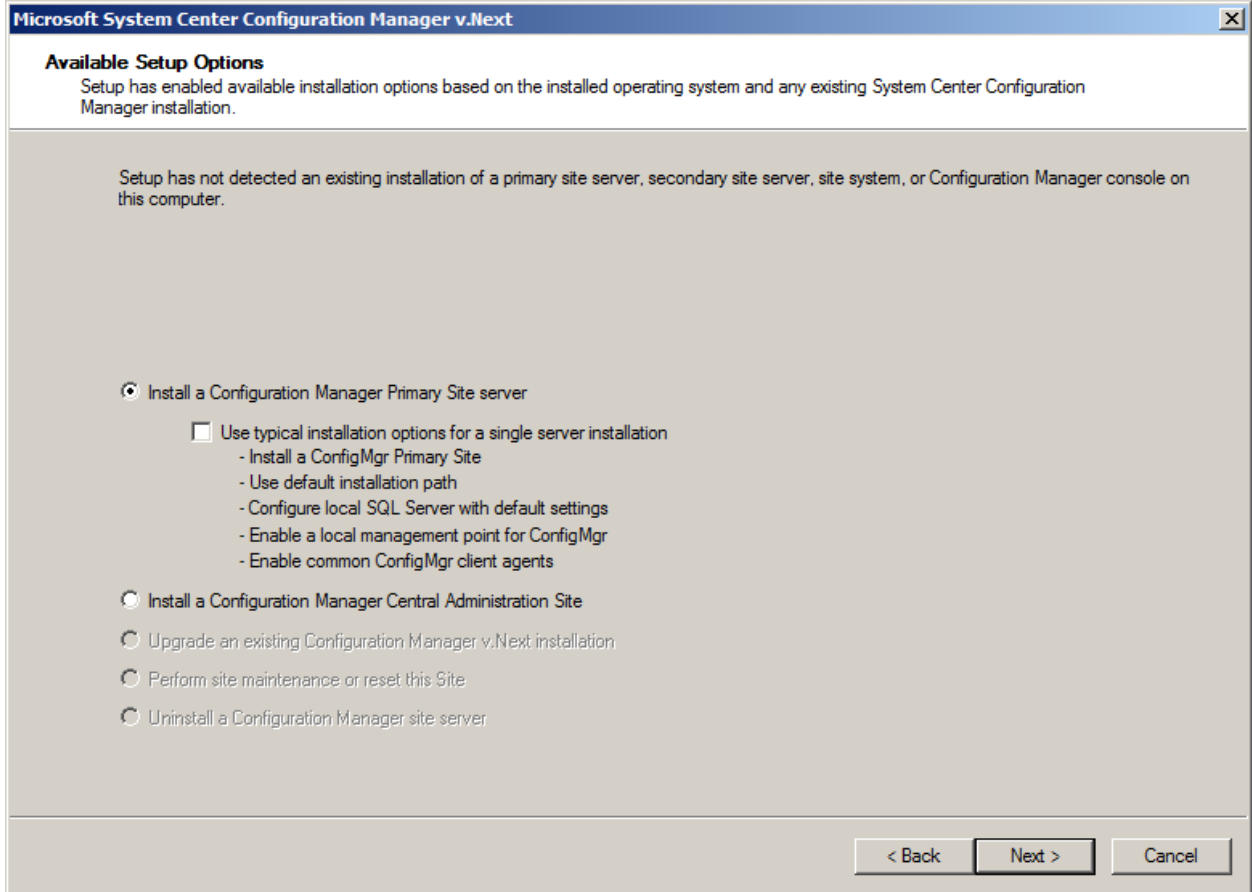
Next >

Install

Cancel

SCCM 2012 V.NEXT







Microsoft Software License Terms

Please read the following Microsoft Software License Terms.

Enter your 25 character product key:

Key:

RMV84

HTWQ8

FDY91

ZX8MX

HGYXJ

To print the License Agreement before you continue, click the Print button and print from Microsoft Notepad.

To print the License Agreement after the installation has been completed: from the Configuration Manager installation directory, open the License Agreement (license.txt) with Microsoft Notepad and print the agreement.

MICROSOFT PRE-RELEASE SOFTWARE LICENSE TERMS
MICROSOFT SOFTWARE CODE NAMED "SYSTEM CENTER CONFIGURATION MANAGER V.NEXT"
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
for this software, unless other terms accompany those items. If so, those terms apply.
BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE.
AS DESCRIBED BELOW, USING SOME FEATURES ALSO OPERATES AS YOUR CONSENT TO THE TRANSMISSION OF CERTAIN
STANDARD COMPUTER INFORMATION FOR INTERNET-BASED SERVICES.

Print License Terms

I accept these license terms.

< Back

Next >

Cancel



Updated Prerequisite Components

Specify whether to download updated components or install from an alternate path

If your computer is connected to the Internet, Setup can check for updated prerequisite components and download them automatically to a path you specify.

Setup will install the latest version of the prerequisites if they are available.

Alternate path:

Example: \\servername\sharename, C:\downloads

- Check for updates and download newer versions to an alternate path
- The latest updates have already been downloaded to an alternate path

You can use the same alternate path to install multiple sites. Always verify that the alternative path contains the most recent updates.



Site and Installation Settings

Please enter your Configuration Manager site code and site name.

The site code will be used to uniquely identify this Configuration Manager site in your hierarchy.

Site code:

Example: XYZ

The site name is a friendly name identifier for this site.

Site name:

Example: Contoso Headquarters Site

The site code and site name cannot be changed after installation and must be unique throughout your Configuration Manager hierarchy.

Installation folder:

Administrative console allows the user to manage the Configuration Manager site. Any site without an administrative console will have to be managed remotely.

Install Administrative console.

< Back

Next >

Cancel



Primary Site Installation

Please specify if the primary site will be joined to a hierarchy or a standalone site.

Primary site will be joined to an existing hierarchy

Central administration site server:

Example: NetBios server name

Primary site will be installed as a standalone site

< Back

Next >

Cancel



Site Mode

Specify the ConfigMgr site mode for this site.

Configuration Manager Native Mode

Select native mode if you need the highest level of Configuration Manager security or must support Internet-based clients.

Native mode requires an existing public key infrastructure (PKI) to support clients in this site and some of the site systems. The site server signing certificate must already be installed on this computer.

Site server signing certificate details:

Browse...

Configuration Manager Mixed Mode

Select mixed mode if an existing public key infrastructure (PKI) is not available and you do not need the highest level of Configuration Manager security for this site.

Internet-based clients cannot be managed if the site is operating in mixed mode.

< Back

Next >

Cancel



Database Server

Specify the Microsoft SQL Server information for your installation.

Configuration Manager primary sites require a Microsoft SQL Server database to store site settings and data.

SQL Server Computer

Specify the computer name, SQL Server instance, and database name:

SQL Server:

WIN-QJDQJTB6DUE

Example: Server1

SQL instance if applicable and database:

SCCM2012\SMS_SAT

Example: InstanceName\SMS_XYZ
SMS_XYZ

SQL replication snapshot folder:

C:\ConfigMgrReplication

Browse...

< Back

Next >

Cancel



SMS Provider Settings

Specify the SMS Provider settings for your Configuration Manager site.

The SMS Provider is used by the Configuration Manager console to communicate with the site database.

Enter the appropriate installation location for the provider:

WIN-QJDQJTB6DUE

The provider cannot be installed on a clustered SQL server.

< Back

Next >

Cancel



Site System Roles

Please select site system roles that you wish to install for this primary site.

Management Point

WIN-QJDQJTB6DUE.CORP.SATNIX.COM

Distribution Point

WIN-QJDQJTB6DUE.CORP.SATNIX.COM

Server Locator Point

Reporting Services Point

Fallback Status Point

< Back

Next >

Cancel



Client Agent Selection

Configuration Manager can enable client agents for you after setup completes.

Client agents can be modified by using the Configuration Manager console after setup is completed.

<input checked="" type="checkbox"/> Software Inventory	
<input checked="" type="checkbox"/> Hardware Inventory	
<input checked="" type="checkbox"/> Advertised Programs	
<input type="checkbox"/> Network Access Protection	
<input checked="" type="checkbox"/> Software Updates	
<input checked="" type="checkbox"/> Software Metering	
<input checked="" type="checkbox"/> Desired Configuration Management	
<input checked="" type="checkbox"/> Remote Tools	



Customer Experience Improvement Program Configuration

Choose your Customer Experience Improvement Program options.

You are invited to join the Microsoft System Center Configuration Manager v.Next Customer Experience Improvement Program (CEIP).

If you accept, Microsoft will collect statistical information about your system's configuration, the performance of some components of Configuration Manager, and certain types of events generated by Configuration Manager.

This setting will apply to all Configuration Manager console sessions for this site.

Windows will periodically send a small file to Microsoft that contains a summary of the information collected.

You can choose not to participate in the program at any time by using the Configuration Manager Help menu and selecting Customer Feedback Options.

- Yes, I want to help make Microsoft software and services even better. (Recommended)
- No, I do not want to participate right now.

[Learn more about CEIP](#)

< Back

Next >

Cancel



Settings Summary

Configuration Manager will be installed with the following settings:

Setup Component	Component Details
Setup Type	Primary site installation
Site Code	SAT
Site Name	Satnix Headquarter
ConfigMgr Security Mode	Mixed
Product Key	RMV84-HTWQ8-FDY91-ZX8MX-HGYXJ
Installation Directory	C:\Program Files\Microsoft Configuration Manager
External File Folder	C:\Updates
SQL Server	WIN-QJDQJTB6DUE
ConfigMgr Database Name	SCCM2012\SMS_SAT
SMS Provider	WIN-QJDQJTB6DUE
Management Point	WIN-QJDQJTB6DUE
ConfigMgr Agents	Software inventory
	Hardware inventory
	Advertised programs
	Software updates
	Software metering

To change the settings click Back. To apply these settings and launch the installation prerequisite check, click Next. After the installation prerequisite check has begun, you cannot change these settings.

< Back

Next >

Cancel



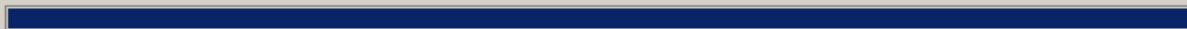
Installation Prerequisite Check

Setup is checking for potential installation problems. If installation problems are found, Setup will display details about how to resolve the problems.

Prerequisite result:

Prerequisite	Status	System	Site Type
<input checked="" type="checkbox"/> All required prerequisite tests have complete...	Success		

Prerequisite checking has completed.



Click on any item to display details about how to resolve the problem, or view the ConfigMgrPrereq.log to help identify problems.

[View Latest Prerequisite Information](#)

Run Check

Begin Install

Cancel



Setup Action Status Monitoring

Setup is performing the actions you have requested.

Setup is now installing Configuration Manager. Installation time will vary depending on your installation settings.

Action	Status
Create accounts	Not Started
Configure registry	Not Started
Create and initialize site database	Not Started
Transfer files	Not Started
Register controls	Not Started
Initialize Configuration Manager site	Not Started
Install site component manager	Not Started
Install SMS provider components	Not Started
Create boot image packages	Not Started
Create program group	Not Started
Install Admin Console	Not Started
Install Configuration Manager services (site component manager)	Not Started
Install component monitor	Not Started
Install SMS executive	Not Started

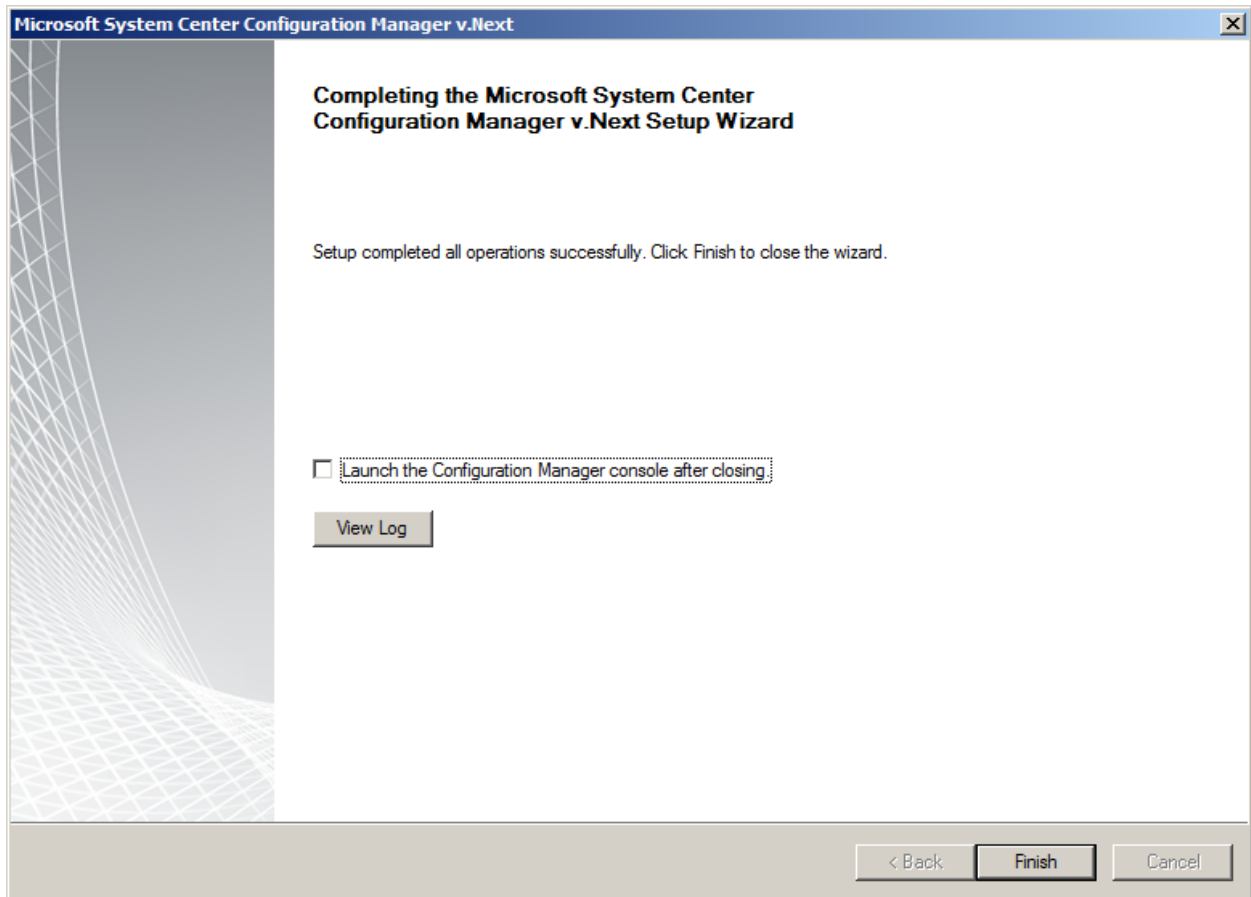
Installing Configuration Manager...



< Back

Next >

Cancel



Once SCCM is installed then add Client machine to the Domain using Active Directory.