

Microsoft System Center 2012 Configuration Manager RTM Configure Document

Mar.15 2012



1. Deploy Environment Introduction :

This operations process including four servers.

1. DC :

Role : ADDS + ADCS

OS : Windows Server 2008 R2 Enterprise Edition with SP1

IE : IE 9.0

IP : 192.168.0.100/24

DNS: 192.168.0.100

2. DB :

Role : Domain Member and SC2012 ConfigMgr RTM Database

OS : Windows Server 2008 R2 Enterprise Edition with SP1

IE : IE 9.0

IP : 192.168.0.101/24

DNS : 192.168.0.100

3. ConfigMgr2012 :

Role : SC2012 ConfigMgr RTM

OS : Windows Server 2008 R2 Enterprise Edition with SP1

IE : IE 9.0

IP : 192.168.0.102/24

DNS : 192.168.0.100

4. Client :

Role : Domain Member and SC2012 ConfigMgr RTM Client

OS : Windows 7 Enterprise Edition with SP1 x64

IE : IE 9.0

IP : 192.168.0.200/24

DNS : 192.168.0.100

2. Deploy Active Directory :

- 1) Logon to **DC** server , installing **ADDS** and **ADCS** . Domain name is **Contoso.msft** . Active Directory forest functional level is **Windows Server 2008 R2**.

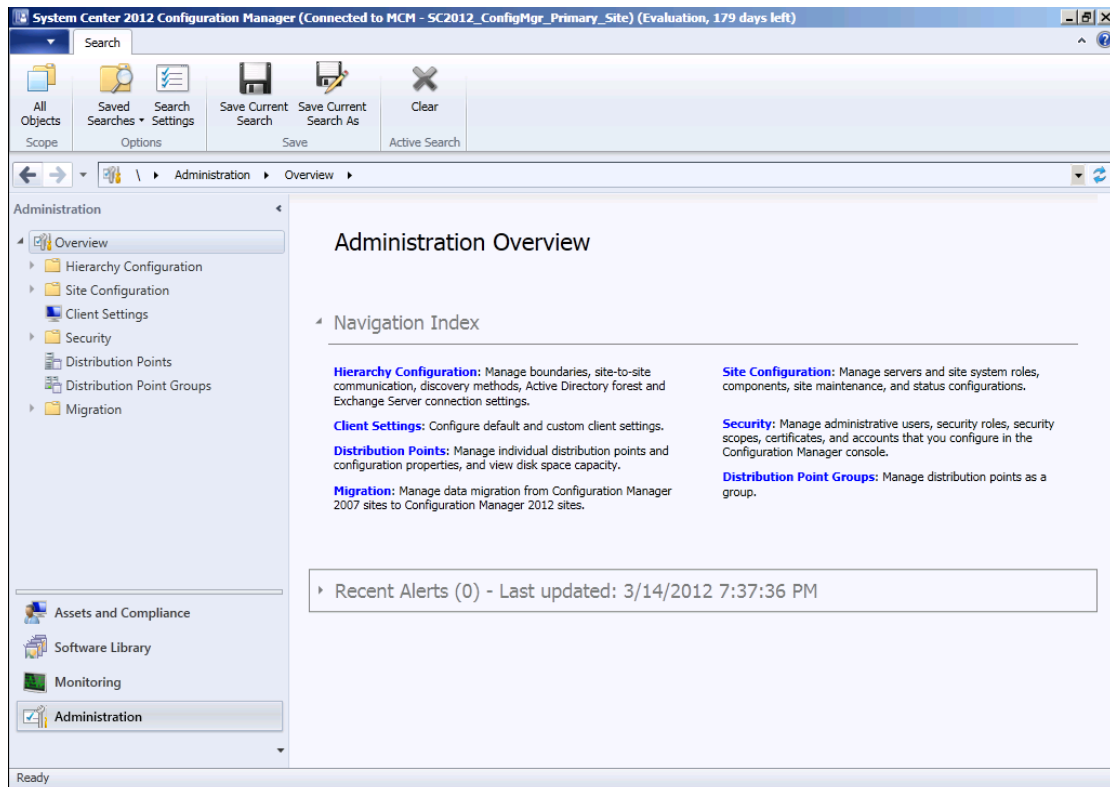
This process is no longer described in this part.

3. Deploy SC2012 ConfigMgr RTM :

- 1) This process is no longer described in this part. You can reference 《**System Center 2012 Configuration Manager RTM Deployment Document**》 .
- 2) Default as you have already deployed and no any error.

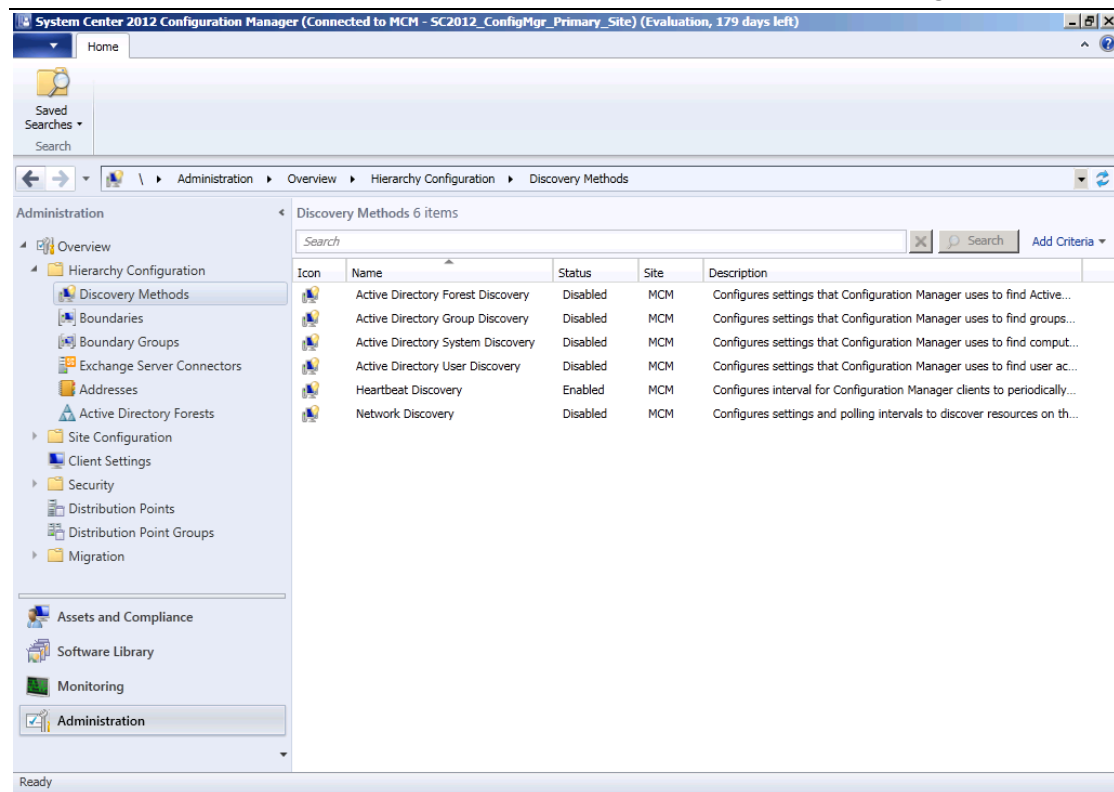
4. Configure SC2012 ConfigMgr RTM :

1) Logon to **ConfigMgr2012** server , click **Configuration Manager Console** shortcut , the **Configuration Manager Console** will be open , by default , will into **Assets and Compliance** workspace directly , click **Administration** workspace :

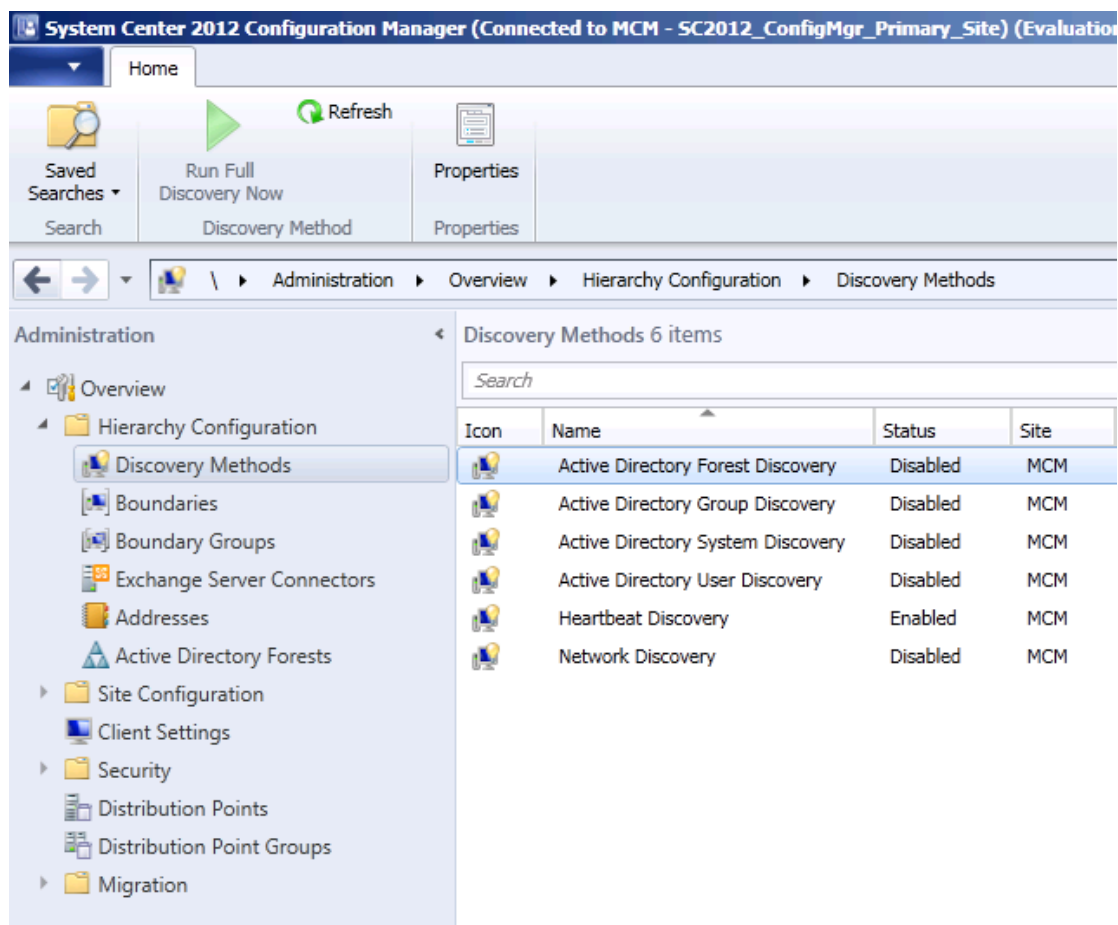


2) Click **Hierarchy Configuration --- Discovery Methods** node , you can see there have six discovery methods :

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Configuration Manager RTM
Configure Document**

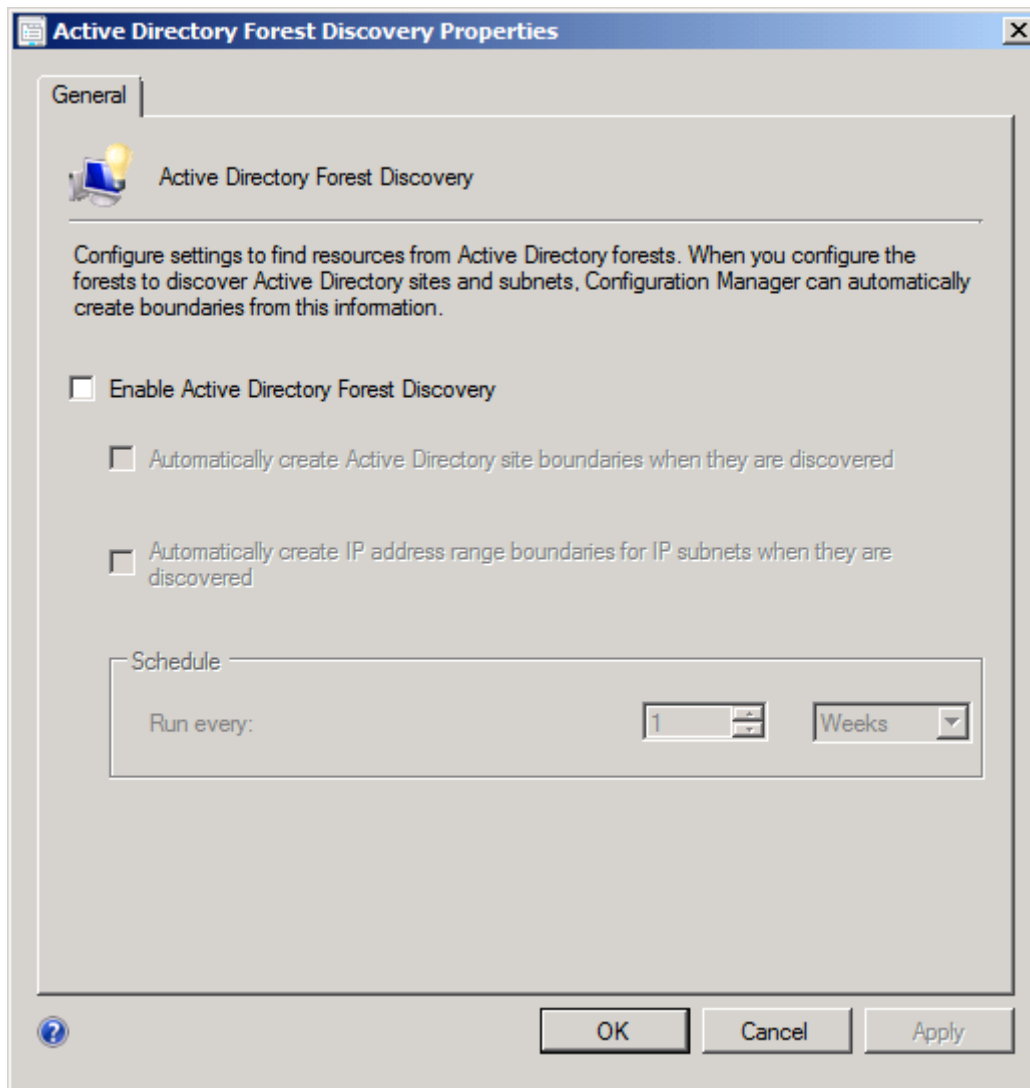


3) Click **Active Directory Forest Discovery** item :

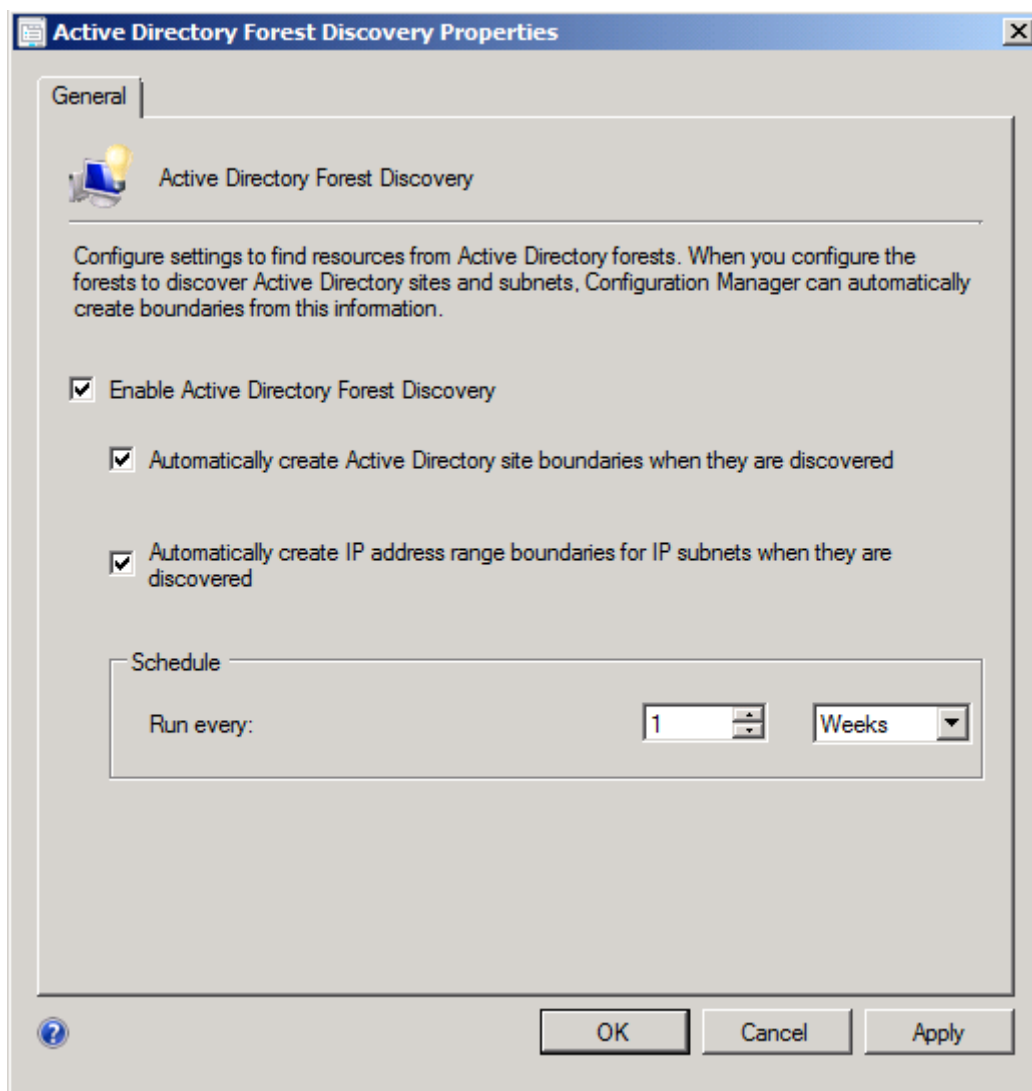


4) In **Ribbon** zone, click **Properties** , will open **Active Directory Forest**

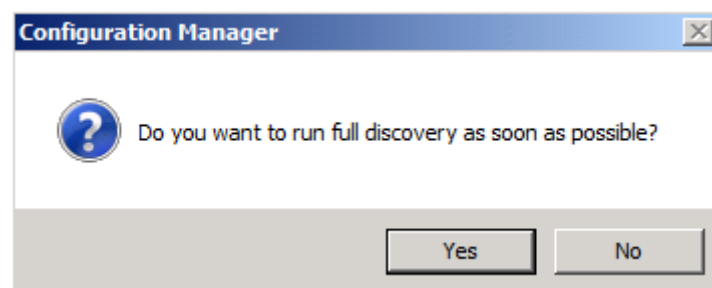
Discovery Properties box :



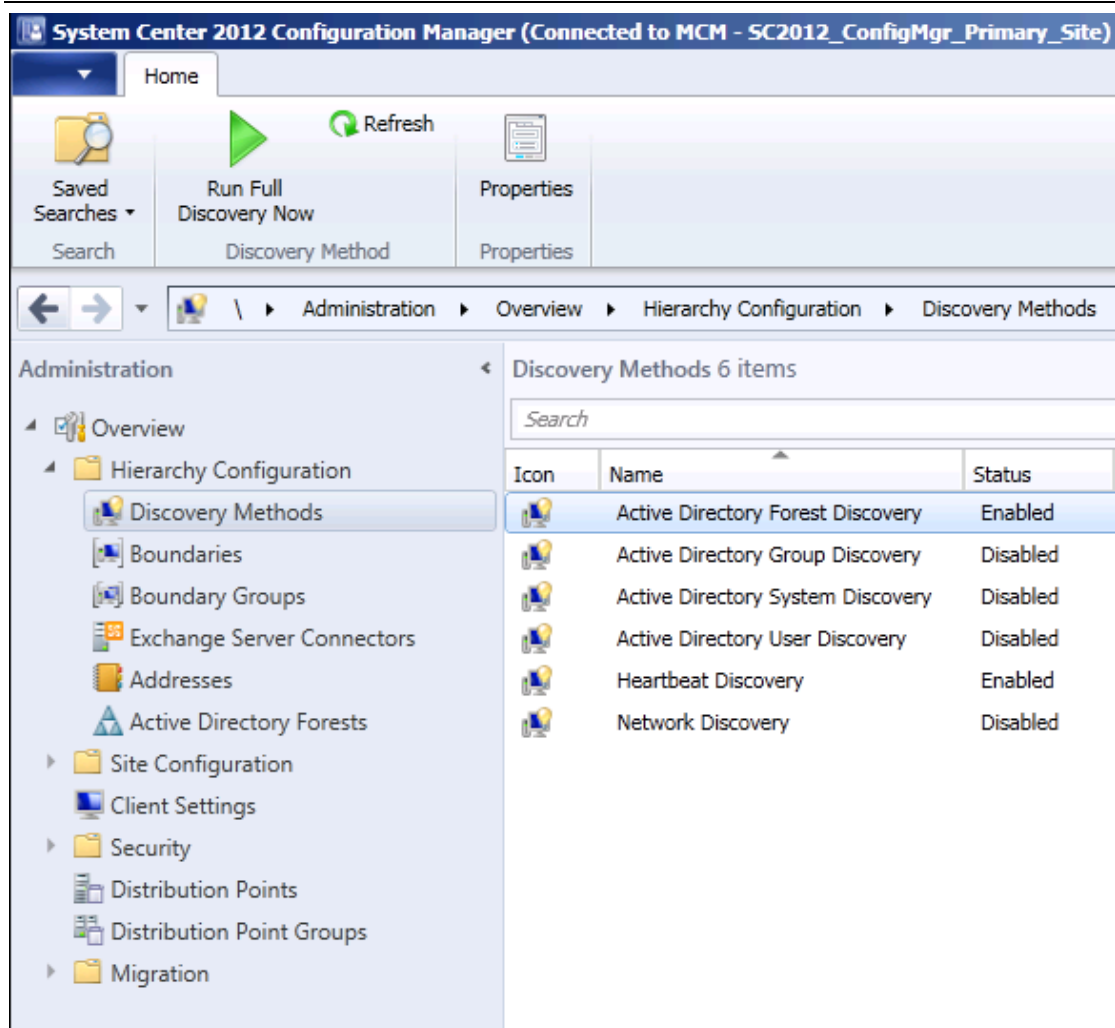
5) Select **Enable Active Directory Forest Discovery** item , based on you requirements select whether automatically create AD site or IP subnet boundaries :



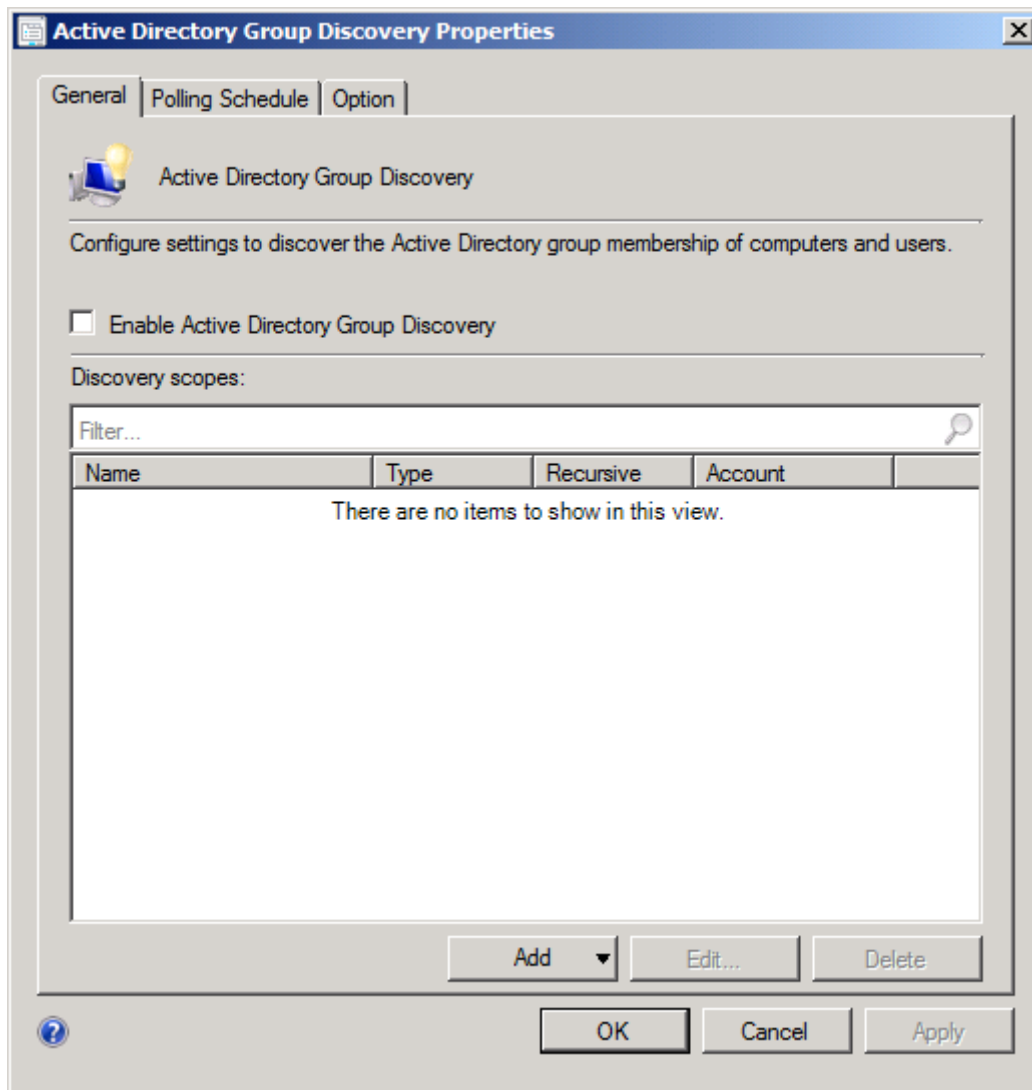
6) Click **Apply** , will display this information box :



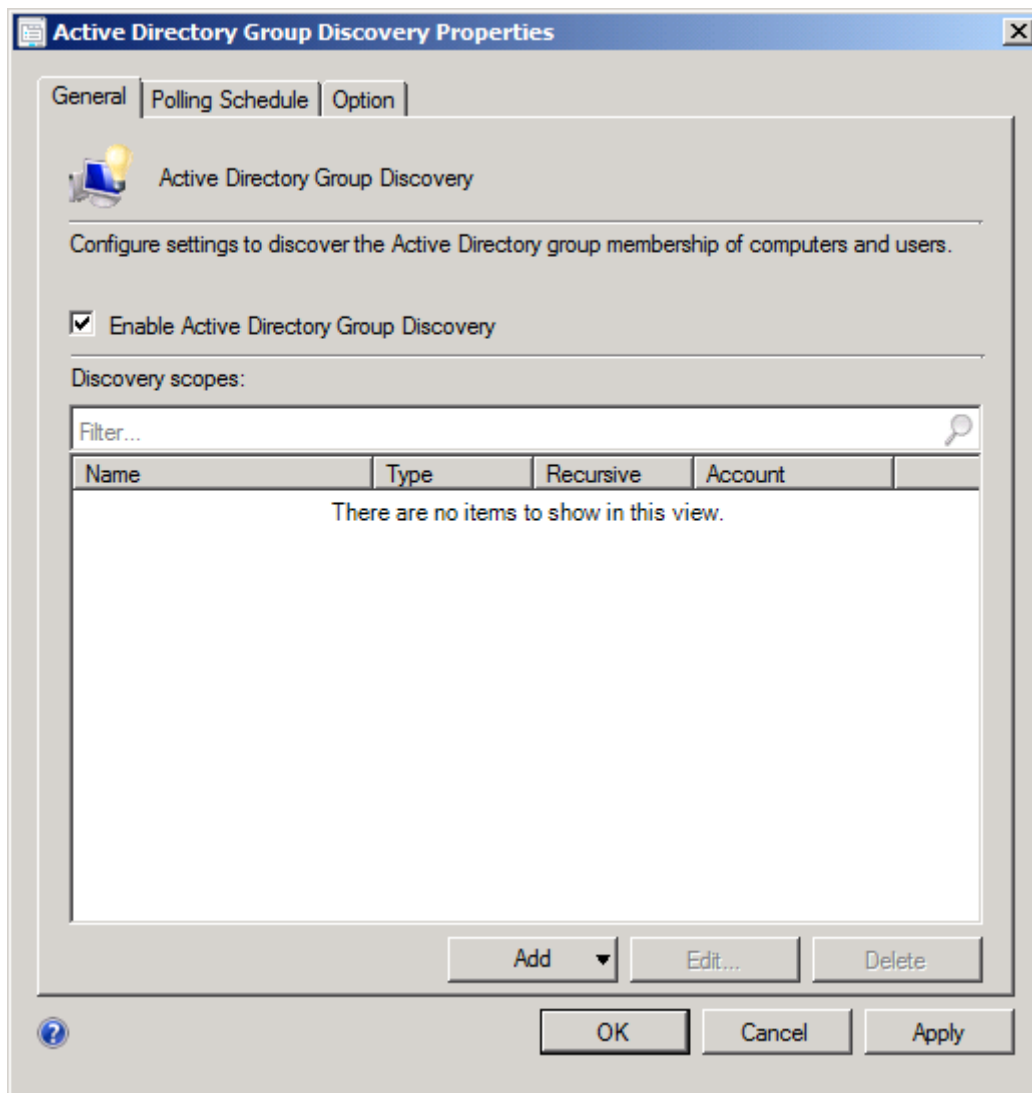
7) Click **Yes** will start the first full discovery , click **OK** , you can see **Active Directory Forest Discovery** item is enabled :



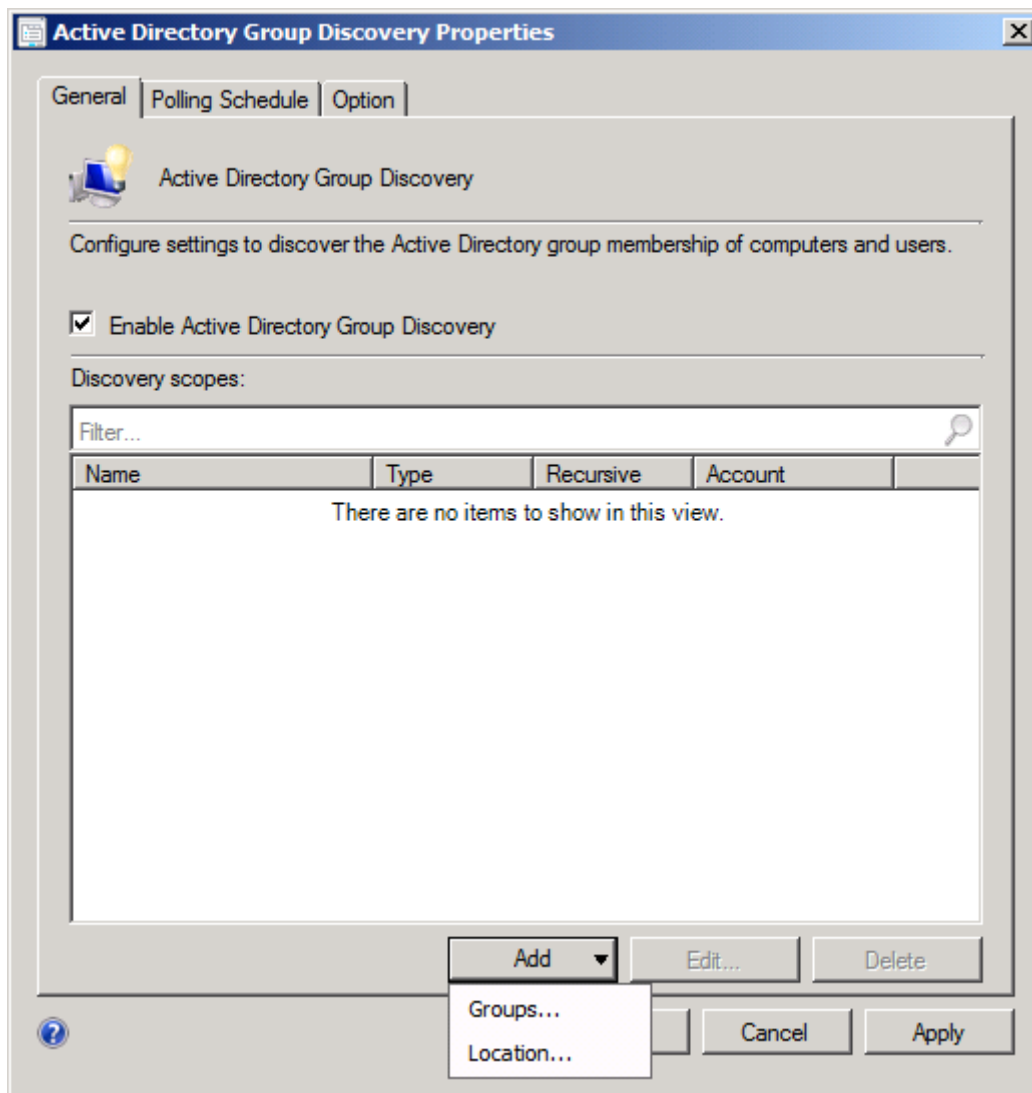
8) Double-click **Active Directory Group Discovery** item , will open **Active Directory Group Discovery Properties** box :



- 9) Select **Enable Active Directory Group Discovery** item :

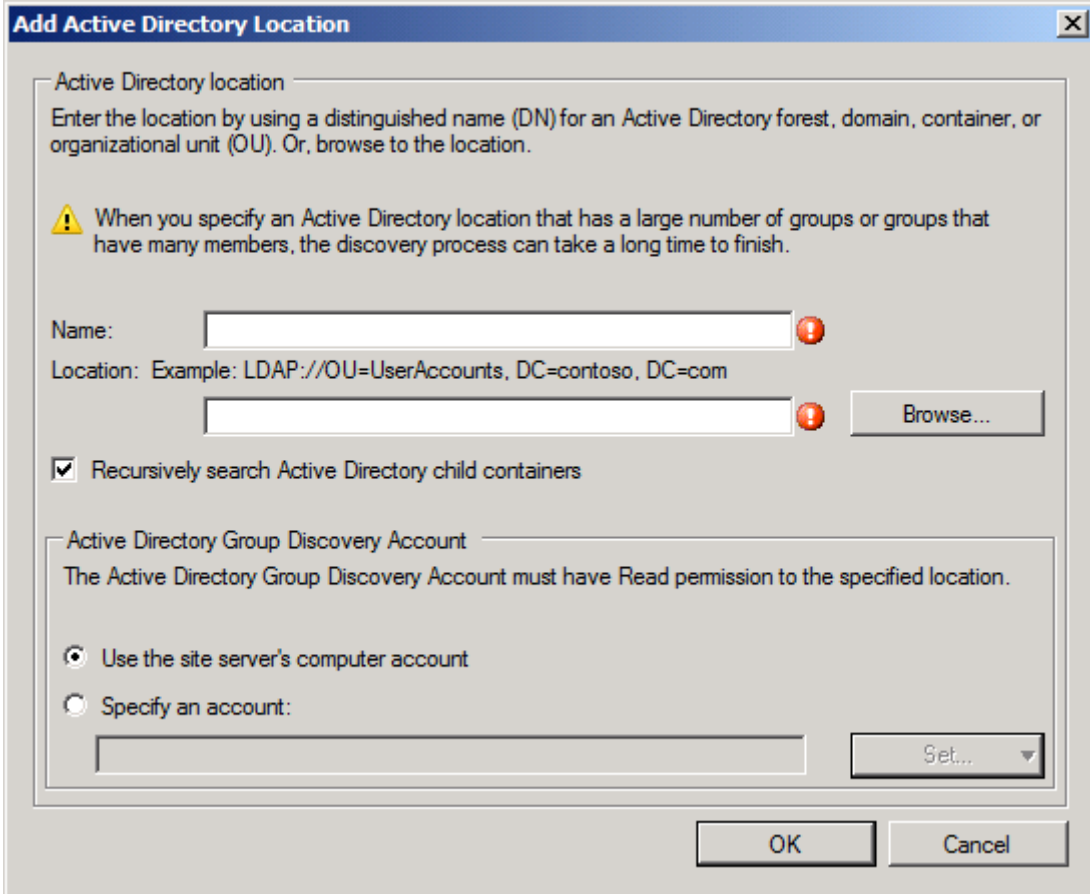


10) Click **Add** , you can select **Groups...** or **Location...** item :



11) In here , you can click **Location...** item , will open **Add Active Directory**

Location box :



Add Active Directory Location

Active Directory location

Enter the location by using a distinguished name (DN) for an Active Directory forest, domain, container, or organizational unit (OU). Or, browse to the location.

⚠ When you specify an Active Directory location that has a large number of groups or groups that have many members, the discovery process can take a long time to finish.

Name:

Location: Example: LDAP://OU=UserAccounts, DC=contoso, DC=com

☒ Recursively search Active Directory child containers

Active Directory Group Discovery Account

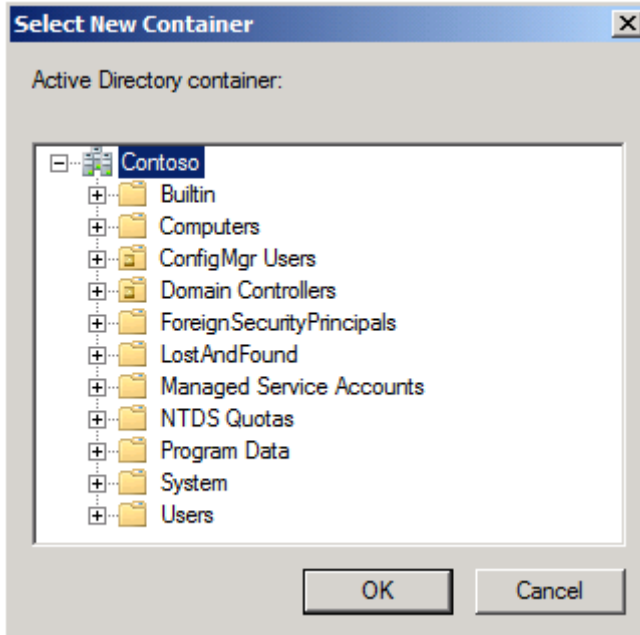
The Active Directory Group Discovery Account must have Read permission to the specified location.

☒ Use the site server's computer account

☐ Specify an account:

12) Input name in **Name** field, click **Browse...** , will open **Select New**

Container box :



Select New Container

Active Directory container:

- [-] Contoso
 - [+] BuiltIn
 - [+] Computers
 - [+] ConfigMgr Users
 - [+] Domain Controllers
 - [+] ForeignSecurityPrincipals
 - [+] LostAndFound
 - [+] Managed Service Accounts
 - [+] NTDS Quotas
 - [+] Program Data
 - [+] System
 - [+] Users

13) Based on your requirements and select discovery scope , click **OK** :

Add Active Directory Location

Active Directory location

Enter the location by using a distinguished name (DN) for an Active Directory forest, domain, container, or organizational unit (OU). Or, browse to the location.

⚠ When you specify an Active Directory location that has a large number of groups or groups that have many members, the discovery process can take a long time to finish.

Name:

Location: Example: LDAP://OU=UserAccounts, DC=contoso, DC=com

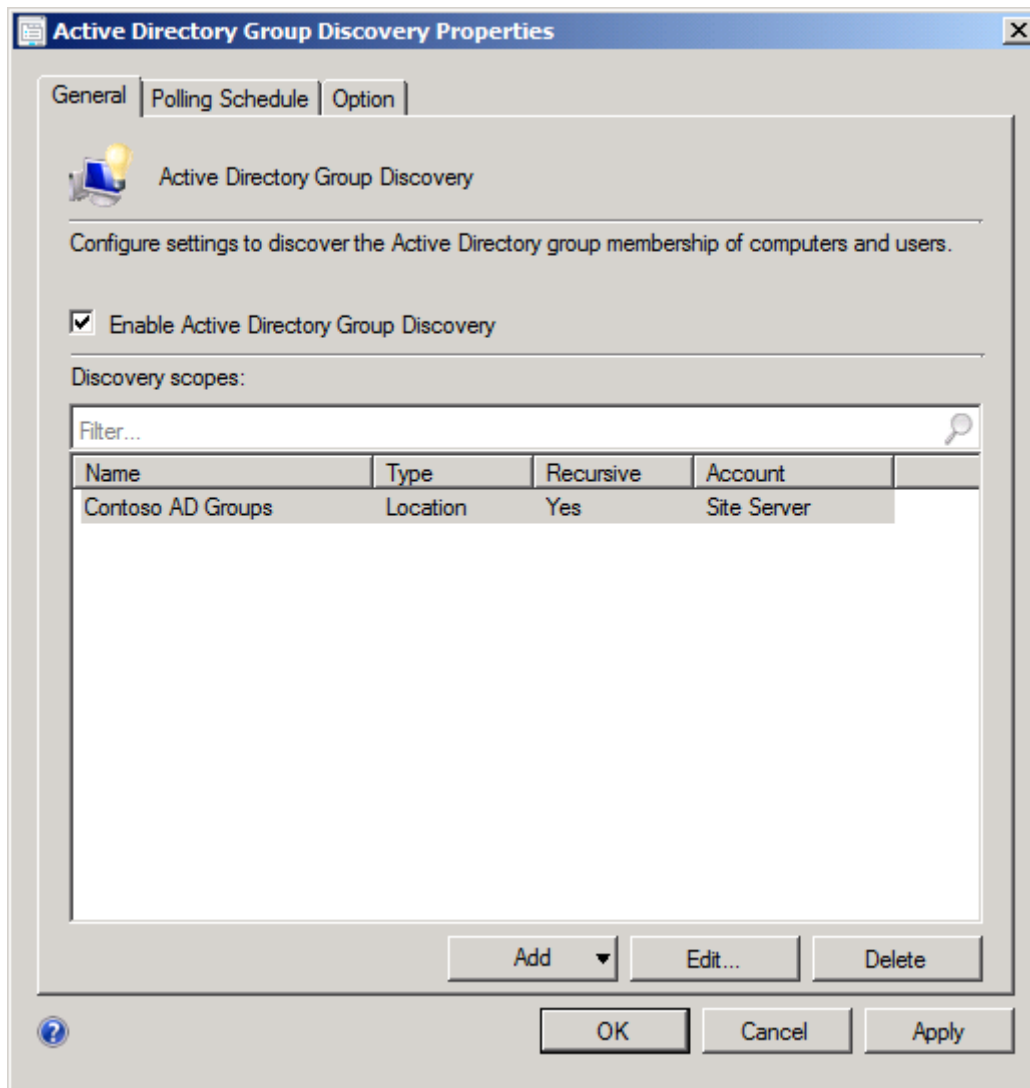
☒ Recursively search Active Directory child containers

Active Directory Group Discovery Account

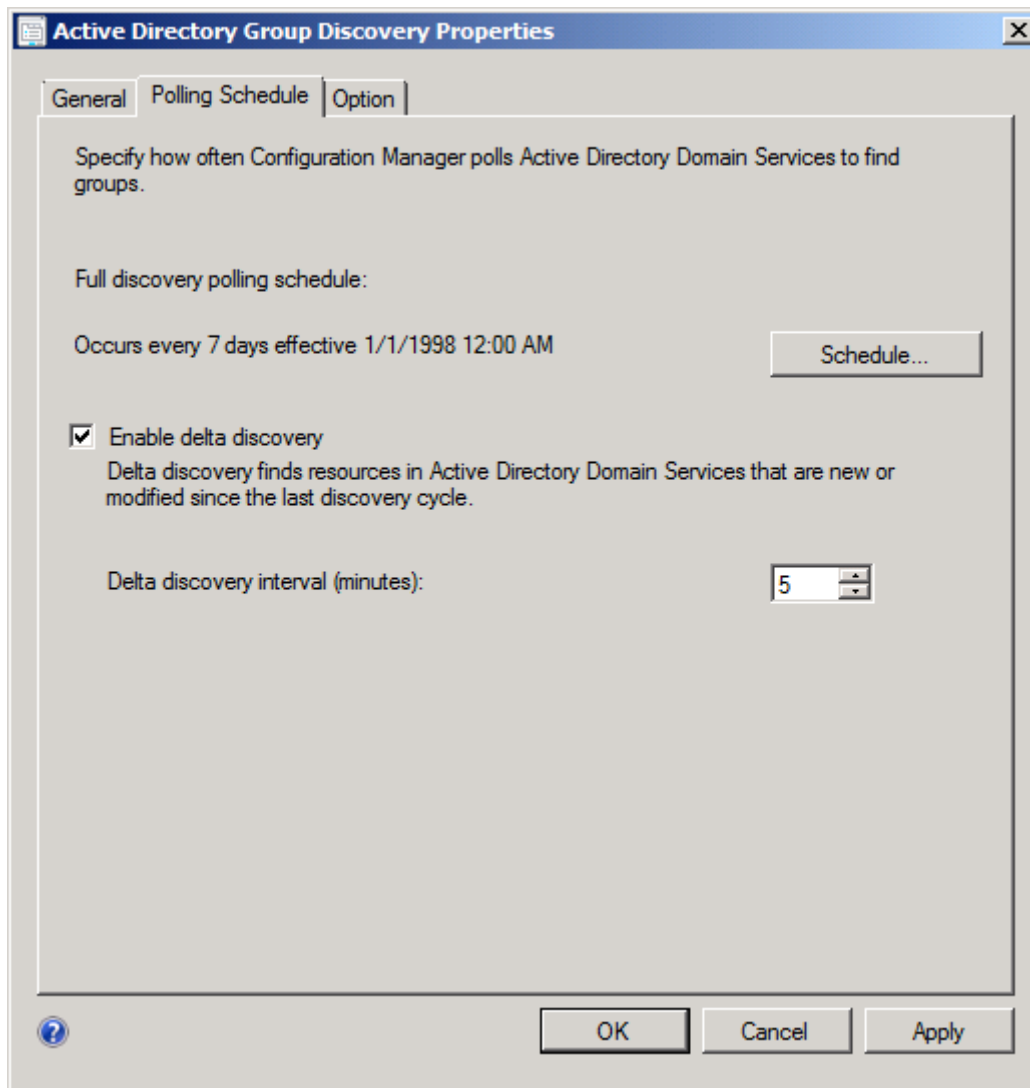
The Active Directory Group Discovery Account must have Read permission to the specified location.

☒ Use the site server's computer account
☐ Specify an account:

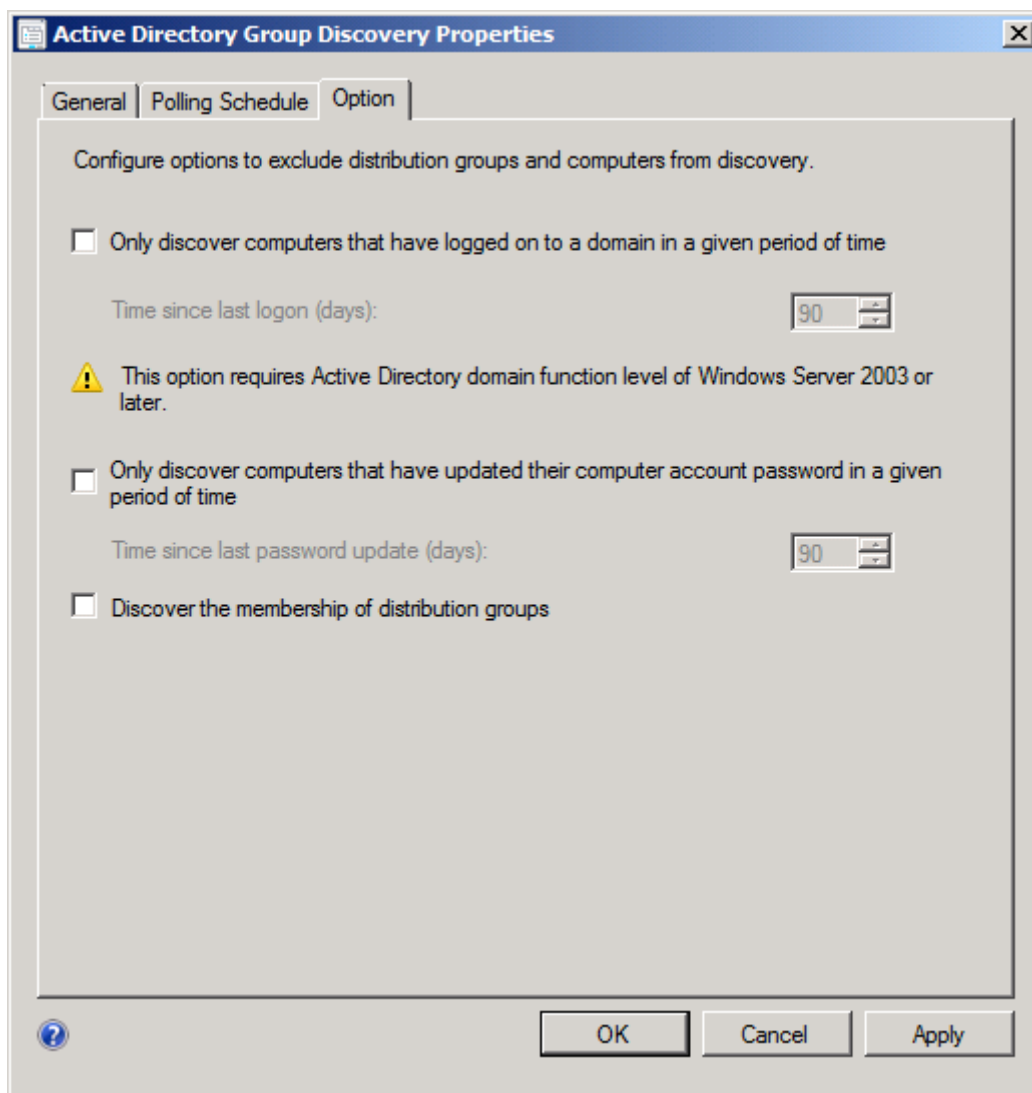
14) Click **OK** will back to **Active Directory Group Discovery Properties** box ,
you can adding more discovery scopes :



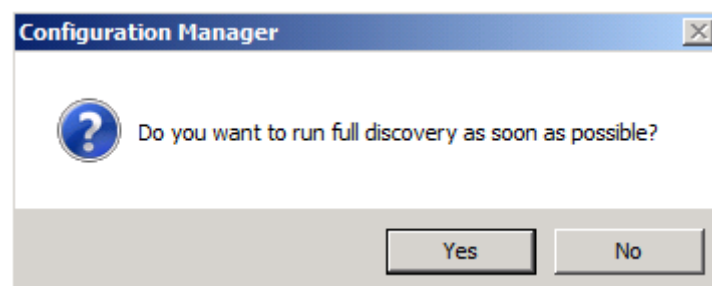
15) Click **Polling Schedule** table , you can setting full discovery polling schedule and delta discovery interval :



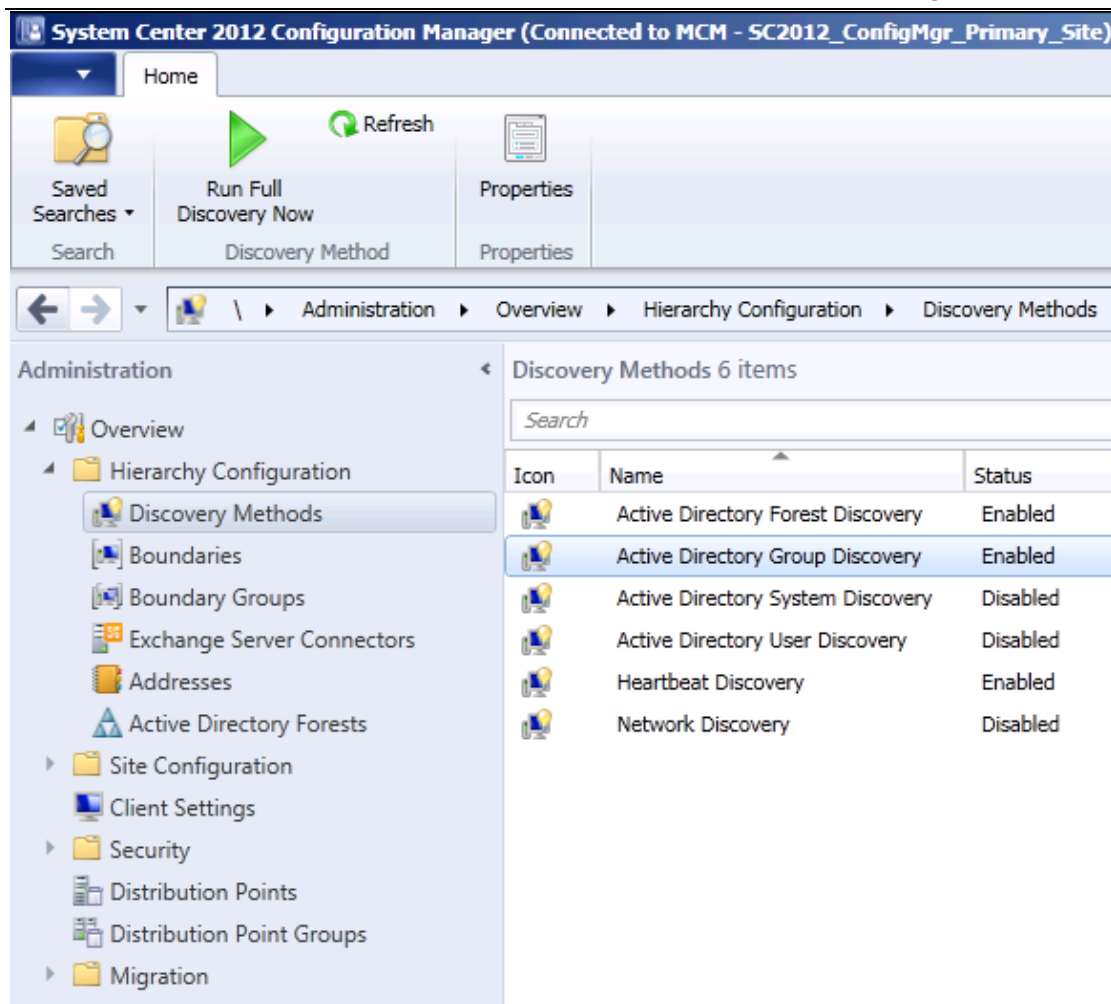
16) Click **Option** table , you can setting exclude discovery options :



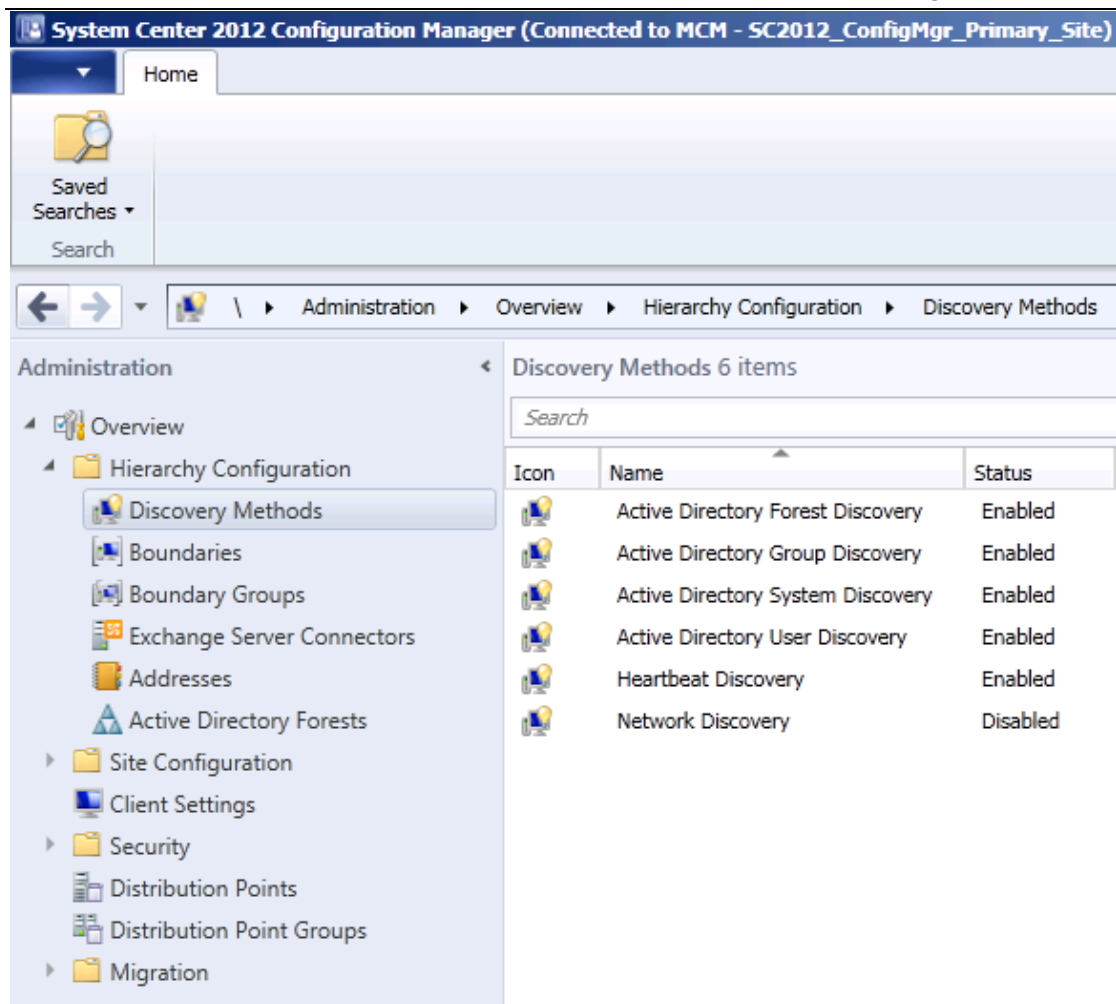
17) Setting finished , you can click **Apply---OK** , the information box will display again :



18) Click **Yes** and **OK** this discovery item will be enabled :

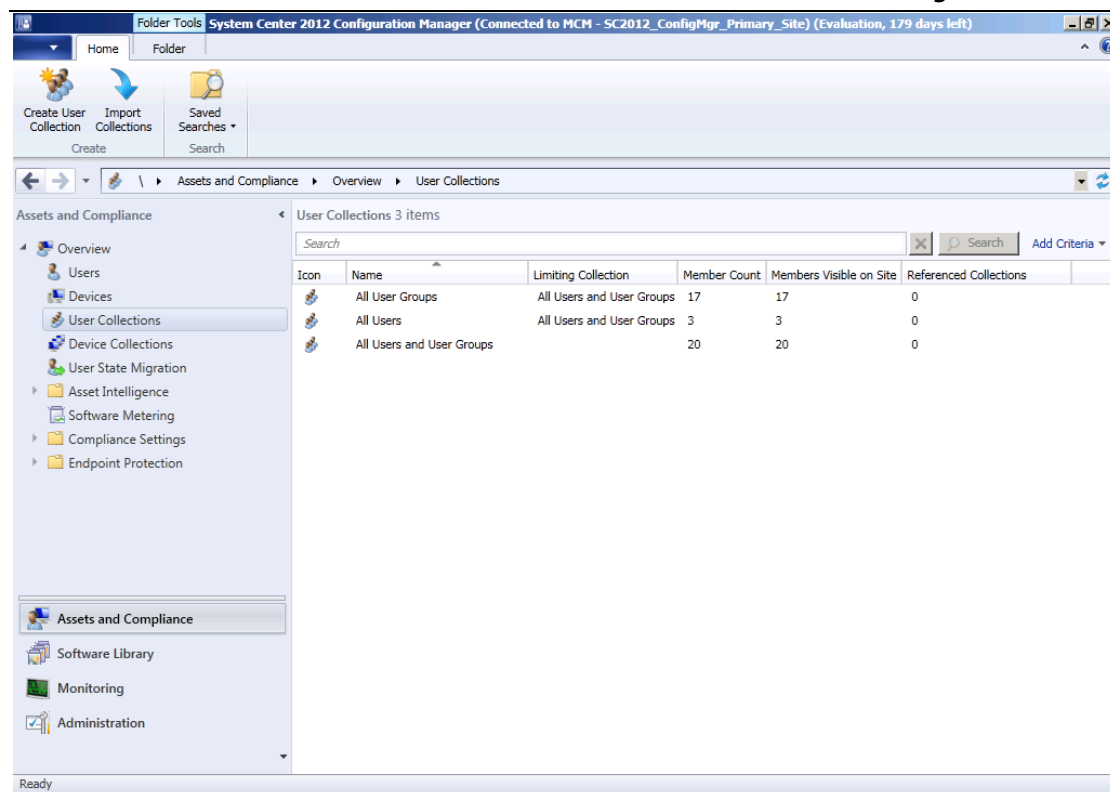


19) Now you can enable more discovery items :

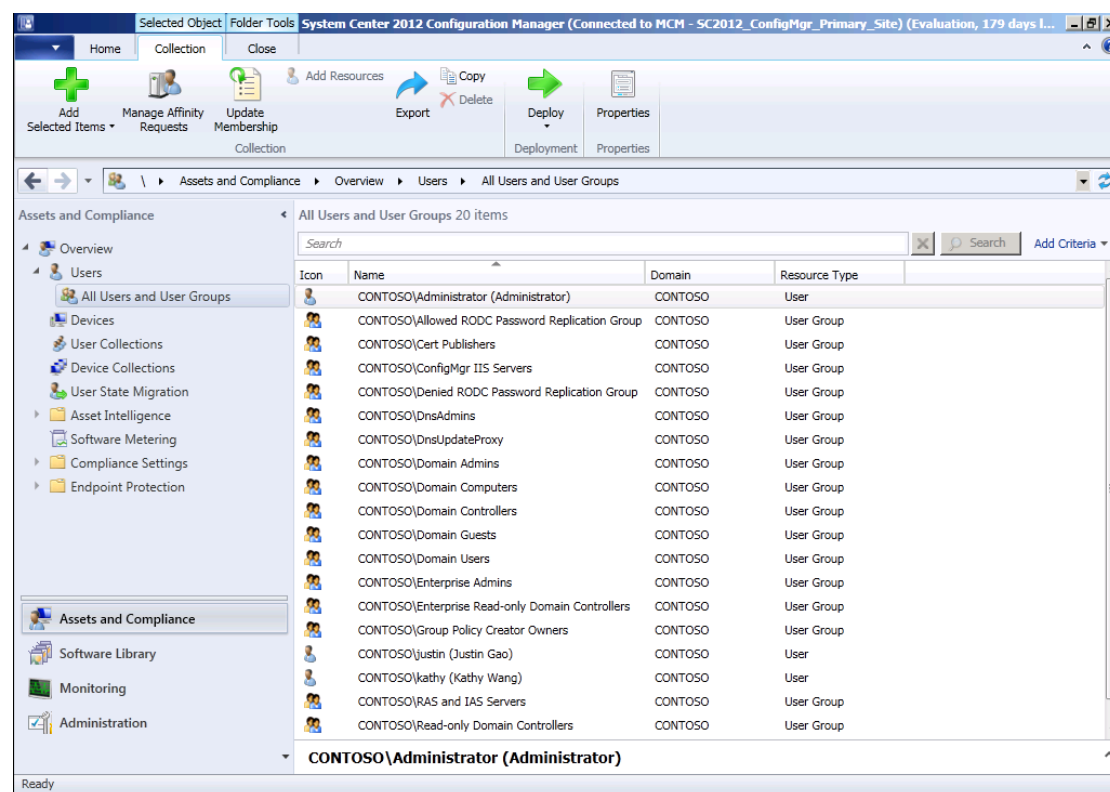


20) Click **Assets and Compliance** workspace , click **User Collections** node :

System Center 2012 Configuration Manager RTM Configure Document

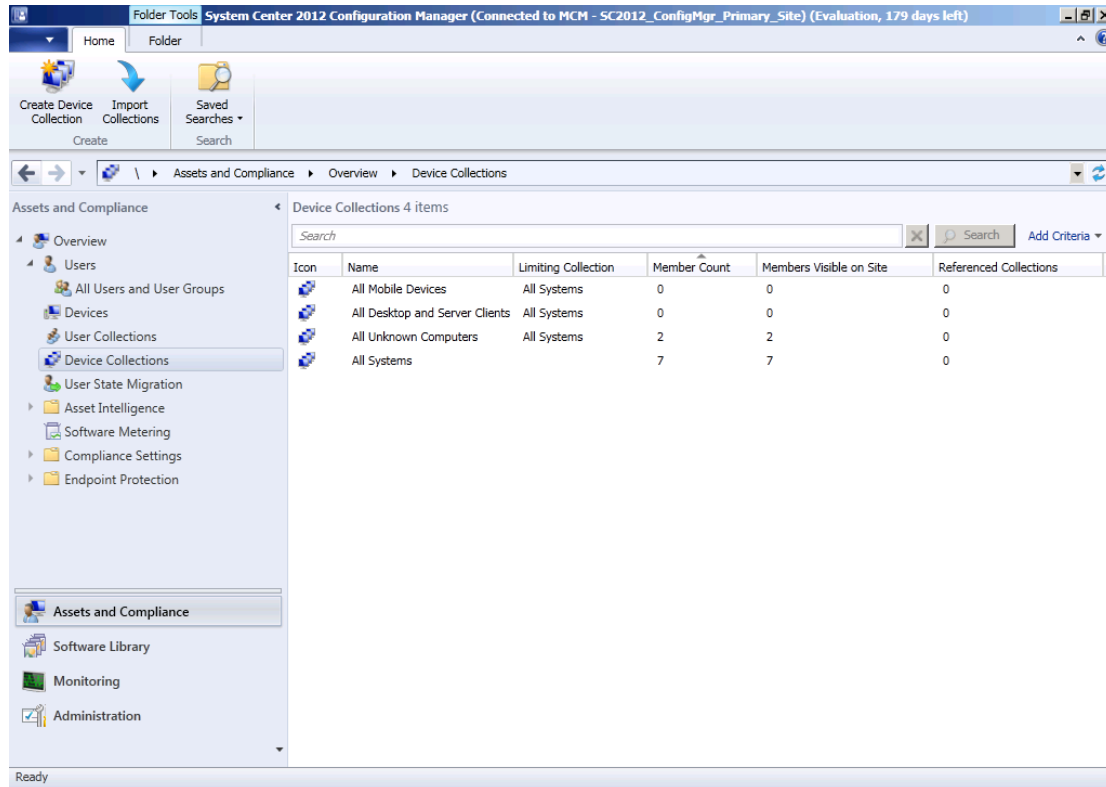


21) You can see three default users collections , double-click any collection you can see discovered resources :



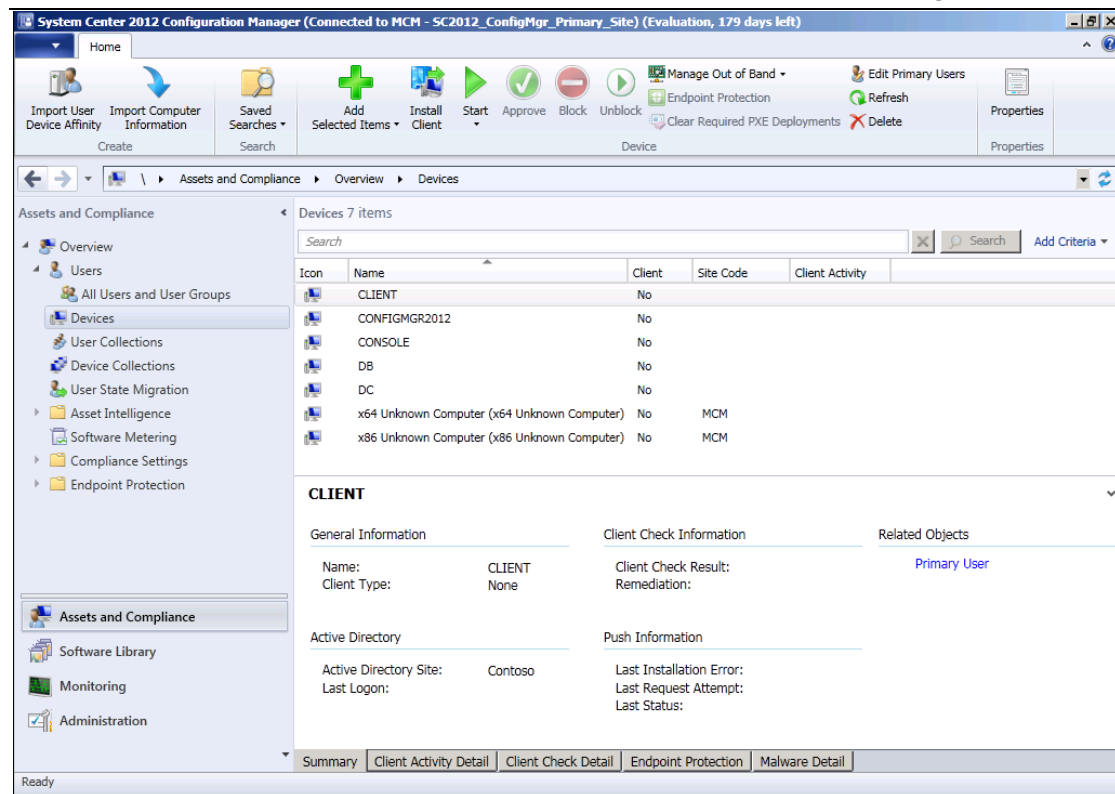
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http://blogs.technet.com/b/justin_gao

22) Click **Device Collections** node , you can see four default device collections :

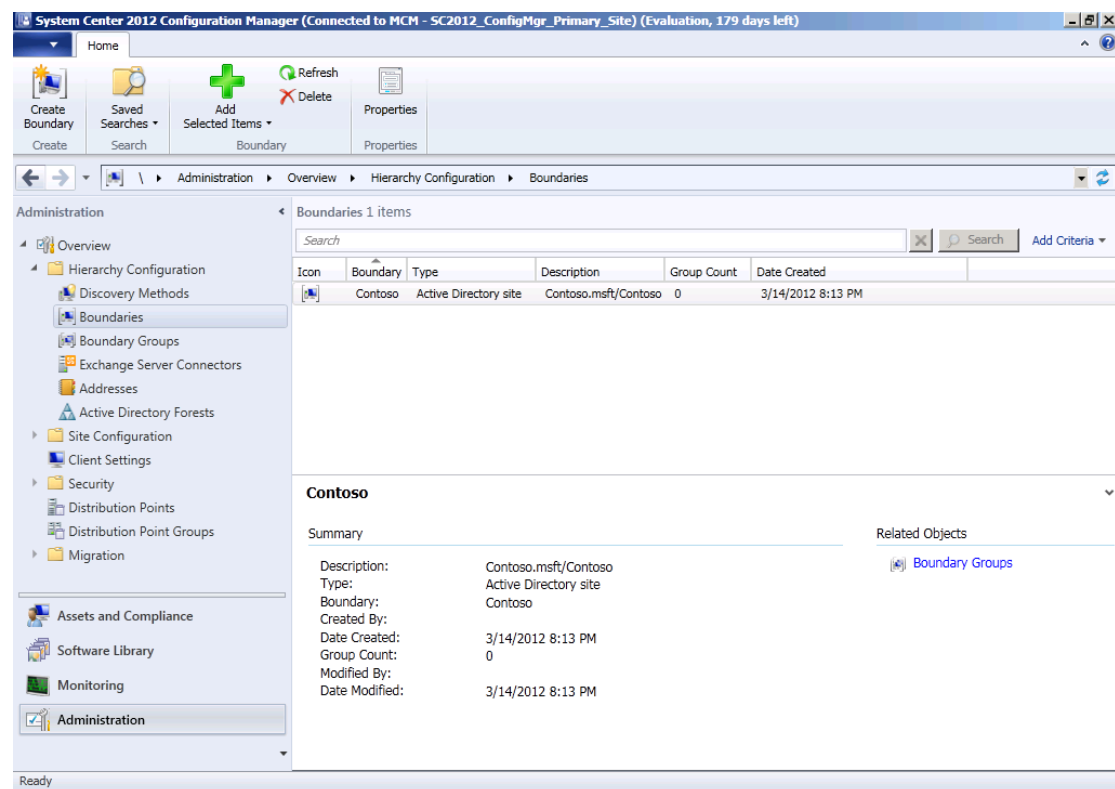


23) Click **Devices** node , you can see all discovered computers device resources :

System Center 2012 Configuration Manager RTM Configure Document

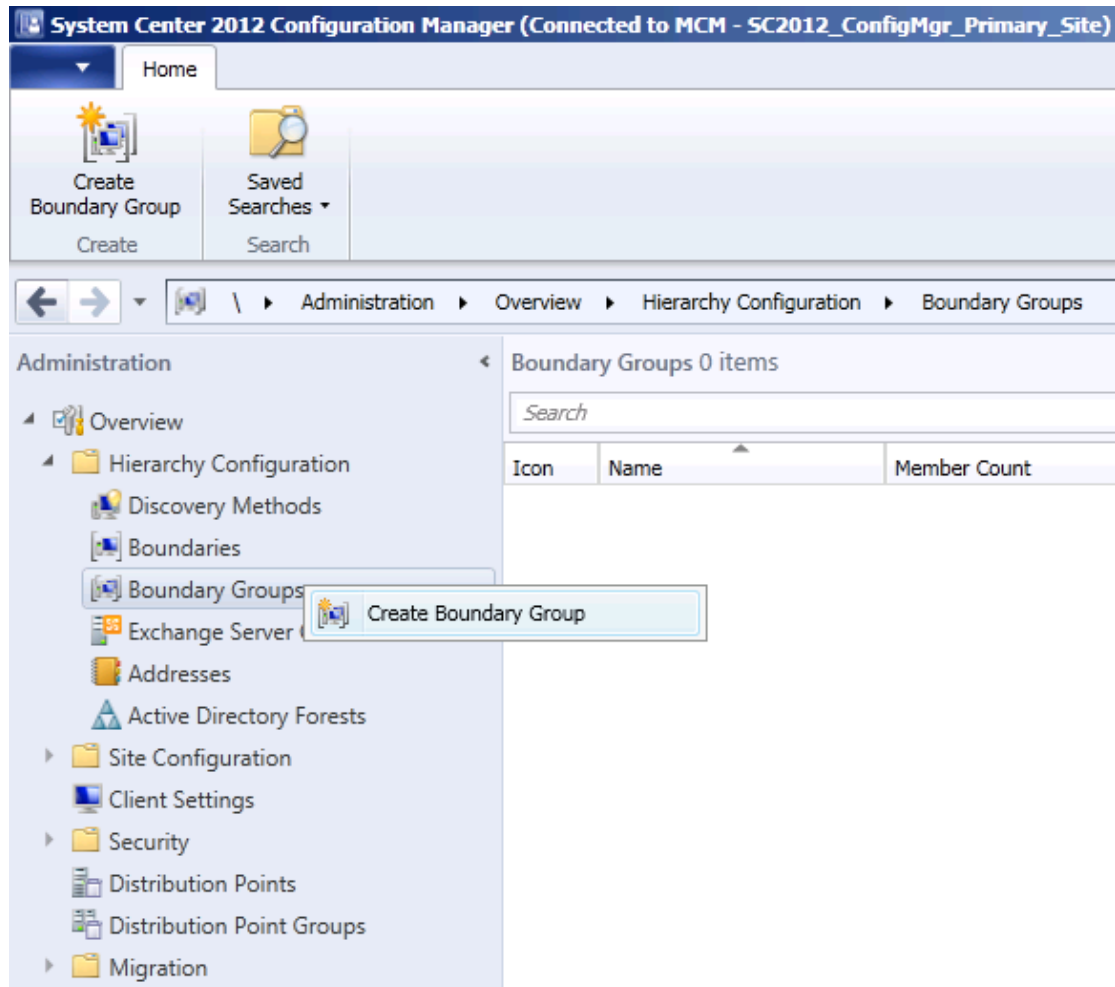


24) Click **Administration** workspace , in **Boundaries** node , you can see discovered AD site :



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25) Now I will to create a boundary group , right-click **Boundary Groups** node and click **Create Boundary Group** :



26) The **Create Boundary Group** box will opened :

Create Boundary Group

General | References

Name:

Description:

The following boundaries are members of this boundary group.

Boundaries:

Filter...

Name	Description
There are no items to show in this view.	

Add... Remove

OK Cancel Apply

27) Input this boundary group name in **Name** field :

Create Boundary Group

General | References

Name: Contoso Boundary Group

Description: Contoso Boundary Group

The following boundaries are members of this boundary group.

Boundaries:

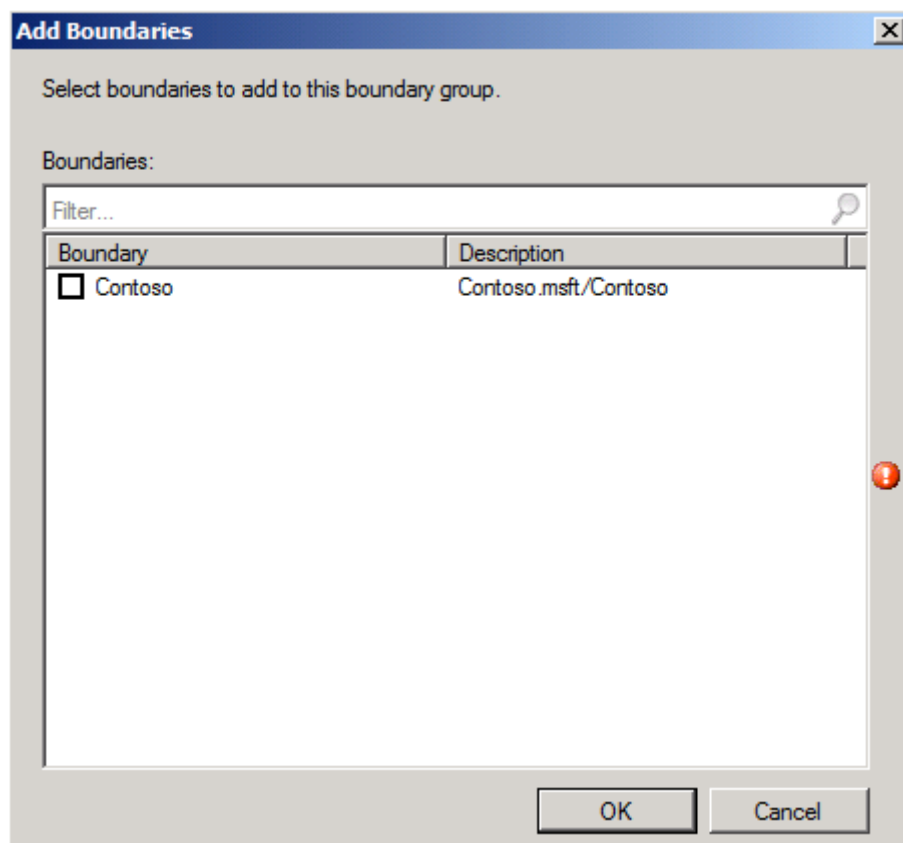
Filter...

Name	Description
There are no items to show in this view.	

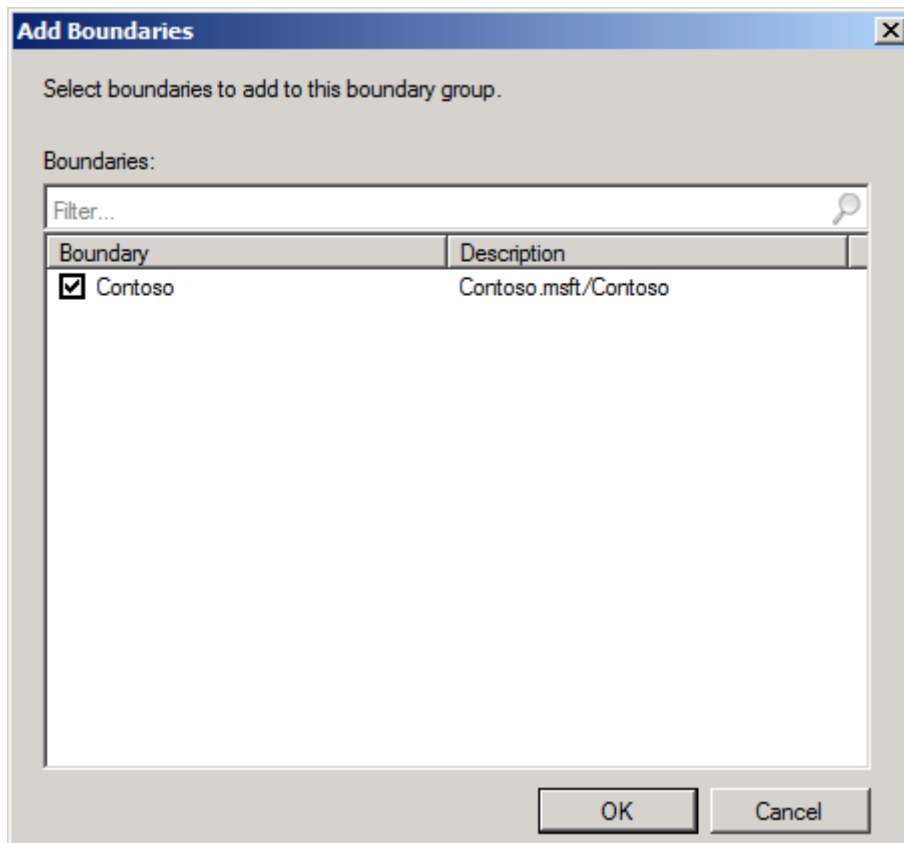
Add... Remove

OK Cancel Apply

28) Click **Add...** will open **Add Boundaries** box :



29) Select this boundary :



30) Click **OK** will back to **General** page :

Create Boundary Group

General | References

Name: Contoso Boundary Group

Description: Contoso Boundary Group

The following boundaries are members of this boundary group.

Boundaries:

Filter...

Name	Description
Contoso	Contoso.msft/Contoso

Add... Remove

OK Cancel Apply

31) Click **References** page :

Create Boundary Group

General References

Site assignment

☐ Use this boundary group for site assignment

The assigned site determines the ConfigMgr site computer resources are assigned to during discovery. It also determines the ConfigMgr site that performs client push installation.

Assigned site: MCM-SC2012_ConfigMgr_Primary_Site

Content location

Specify the site system servers that are associated with this boundary group so that clients can locate content. Only distribution points and state migration points are valid content location servers.

You can change the connection to identify whether the network connection speed between the site system server and connecting clients is fast or slow.

Site system servers:

Filter...

Server Name	Site	Connection
There are no items to show in this view.		

Change Connection Add... Remove

OK Cancel Apply

32) If you hope auto assign to this site that discovered resources , please select

Use this boundary group for site assignment item :

Create Boundary Group

General References

Site assignment

☒ Use this boundary group for site assignment

The assigned site determines the ConfigMgr site computer resources are assigned to during discovery. It also determines the ConfigMgr site that performs client push installation.

Assigned site: MCM-SC2012_ConfigMgr_Primary_Site

Content location

Specify the site system servers that are associated with this boundary group so that clients can locate content. Only distribution points and state migration points are valid content location servers.

You can change the connection to identify whether the network connection speed between the site system server and connecting clients is fast or slow.

Site system servers:

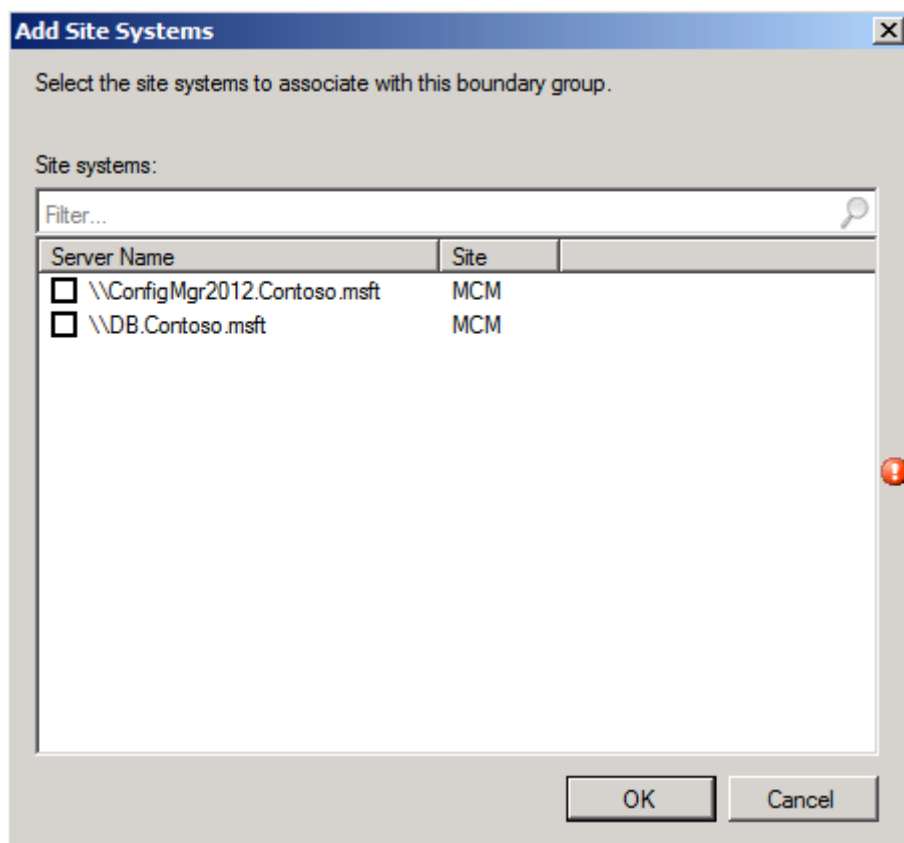
Filter...

Server Name	Site	Connection
There are no items to show in this view.		

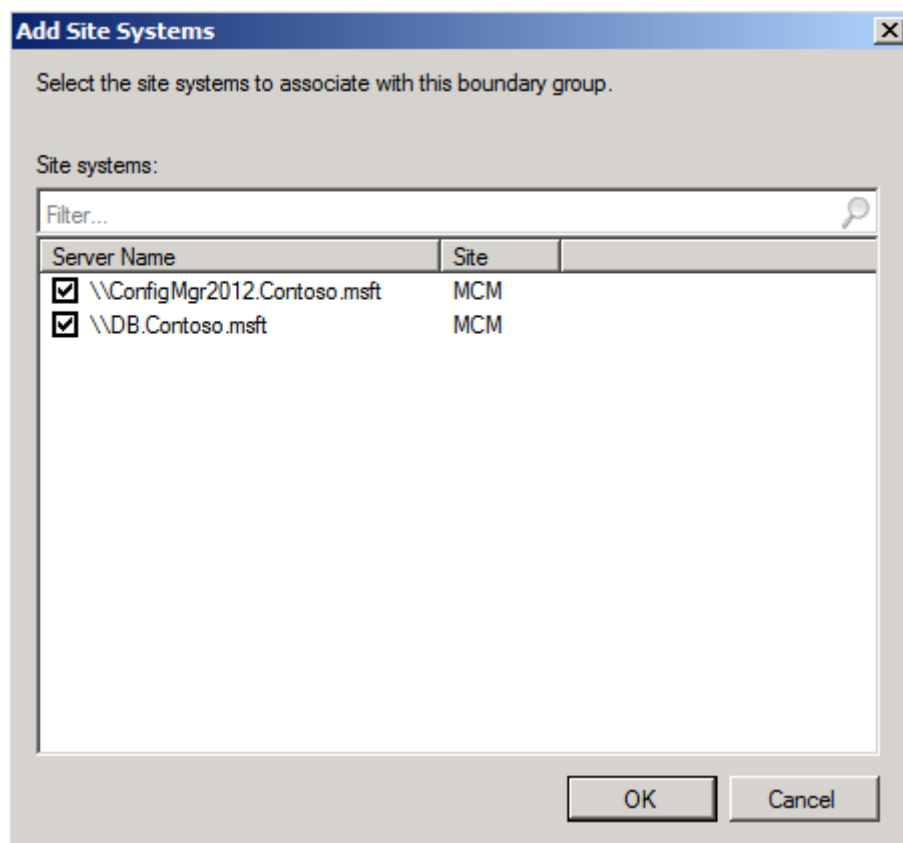
Change Connection Add... Remove

OK Cancel Apply

33) In **Content location** part , you can click **Add...** to adding relate site systems , click **Add...** will open **Add Site Systems** box :



34) Select all server :



35) Click **OK** will back to **References** page :

Create Boundary Group

General References

Site assignment

☒ Use this boundary group for site assignment

The assigned site determines the ConfigMgr site computer resources are assigned to during discovery. It also determines the ConfigMgr site that performs client push installation.

Assigned site: MCM-SC2012_ConfigMgr_Primary_Site

Content location

Specify the site system servers that are associated with this boundary group so that clients can locate content. Only distribution points and state migration points are valid content location servers.

You can change the connection to identify whether the network connection speed between the site system server and connecting clients is fast or slow.

Site system servers:

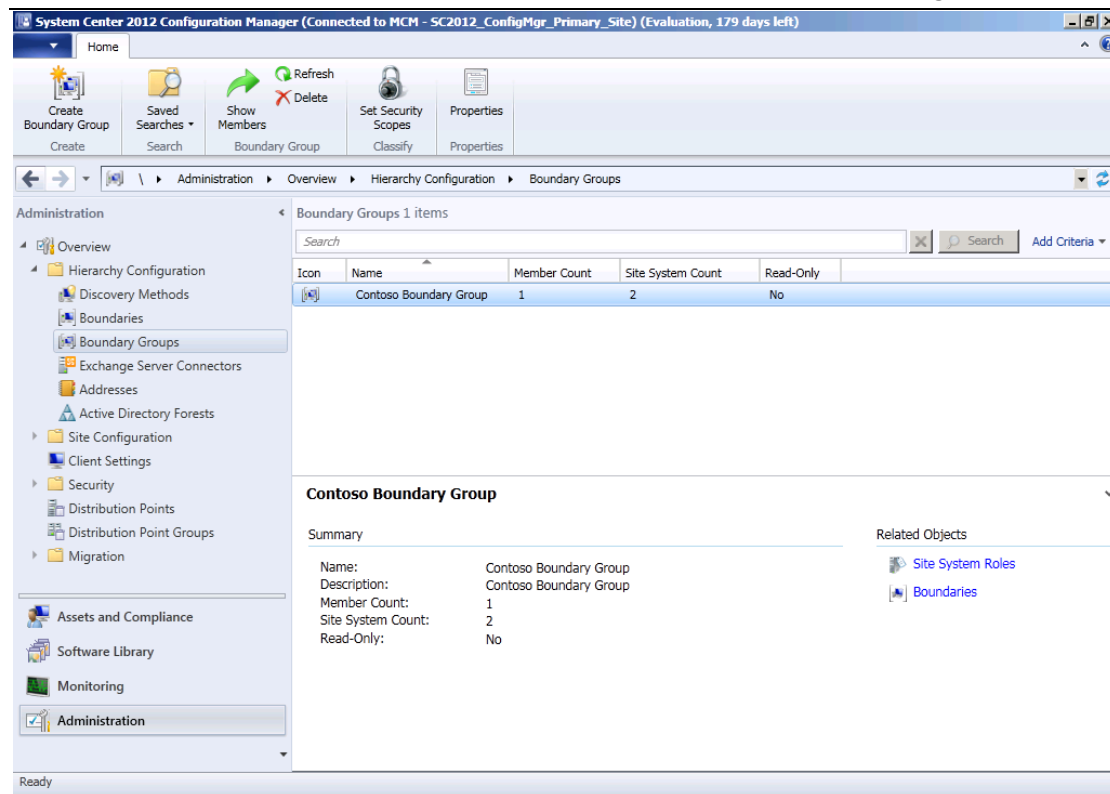
Server Name	Site	Connection
\\ConfigMgr2012.Contoso.msft	MCM	Fast
\\DB.Contoso.msft	MCM	Fast

Change Connection Add... Remove

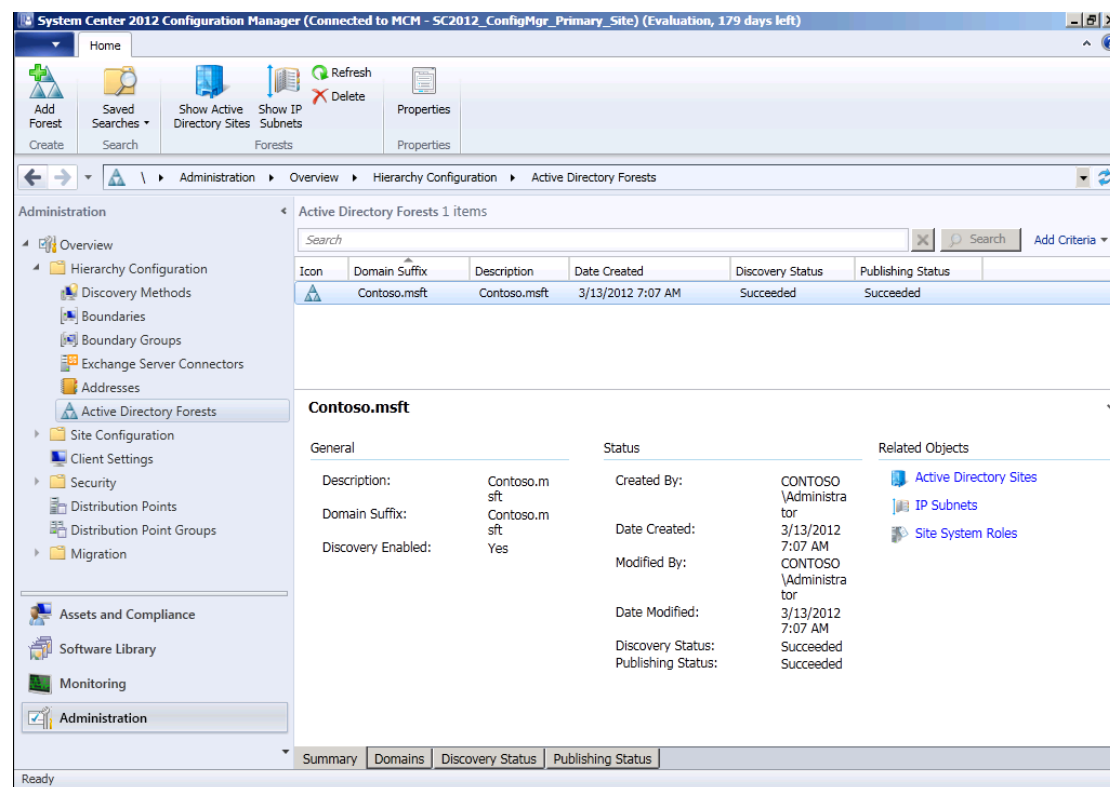
OK Cancel Apply

36) Click **Apply**---**OK** , the boundary group is created :

System Center 2012 Configuration Manager RTM Configure Document



37) Click **Active Directory Forests** node , you can see discovered AD forest resource :



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38) In **Ribbon** zone, click **Properties** item will open **Contoso.msft Properties**

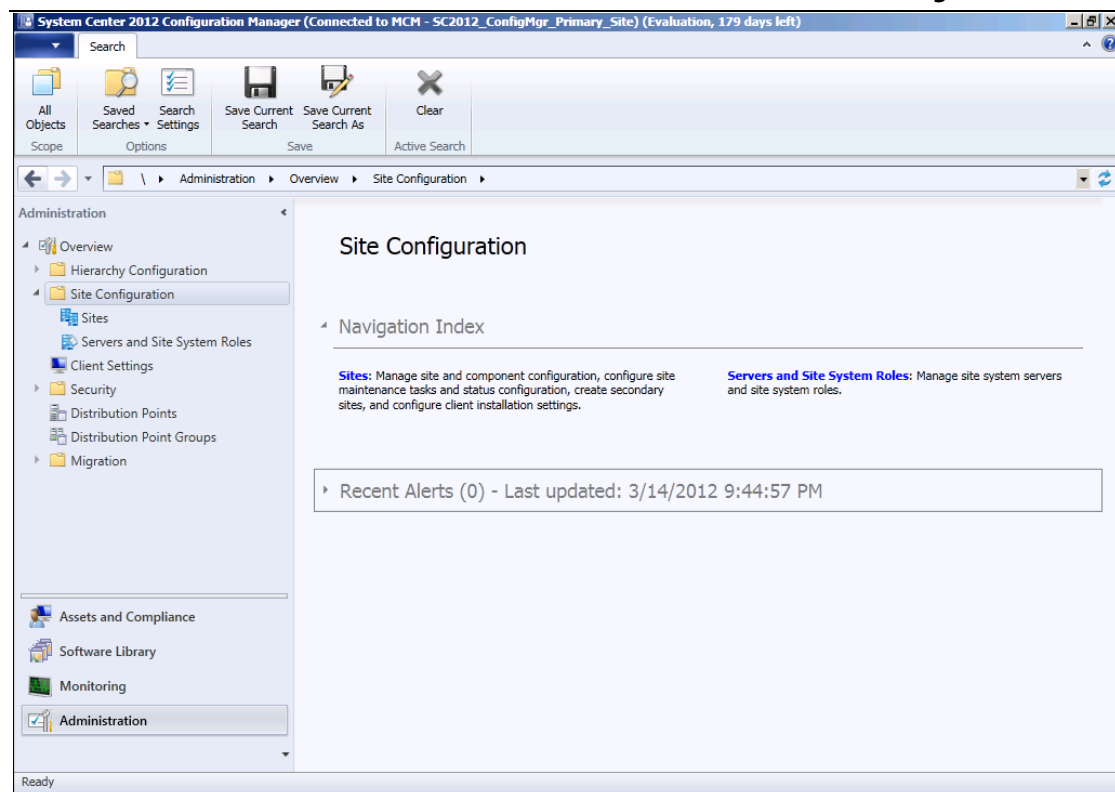
box :

The screenshot shows the 'Contoso.msft Properties' dialog box with the 'Publishing' tab selected. The 'General' tab is also visible. The 'Publishing' tab contains the following elements:

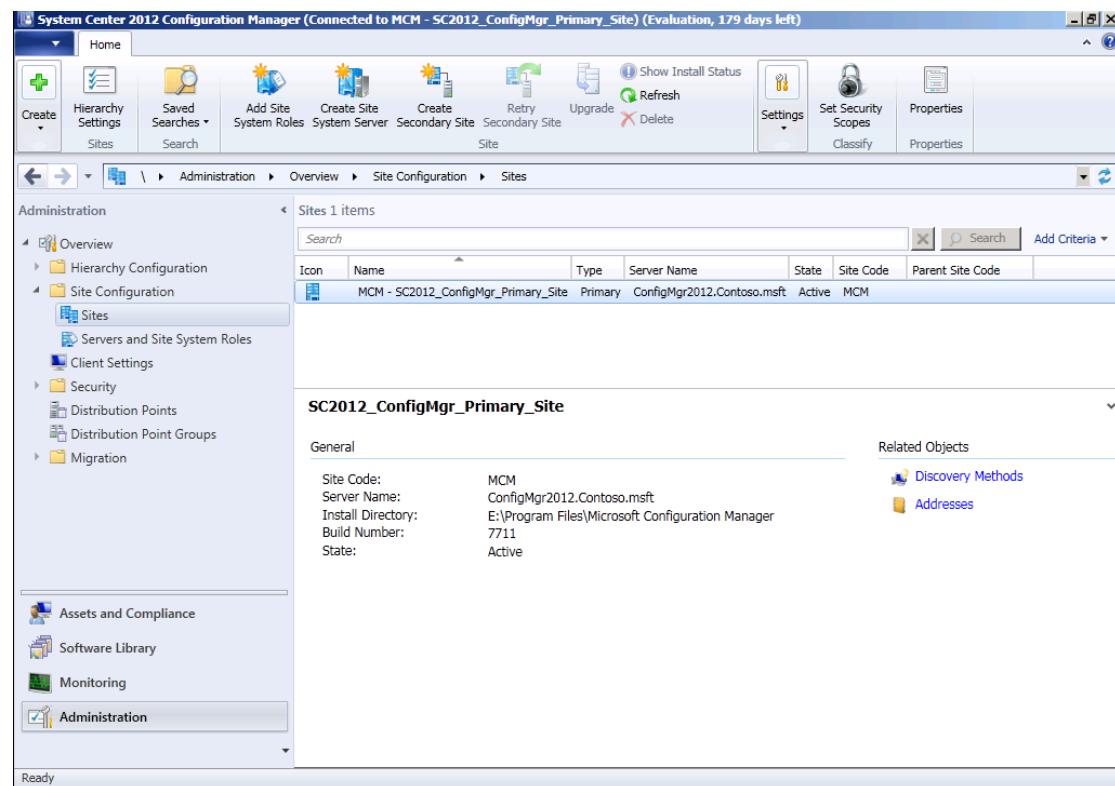
- A blue triangle icon and a text box with the instruction: 'Specify an Active Directory forest so that Active Directory Forest Discovery can discover Active Directory sites and IP subnets to use as boundaries.'
- A 'Domain suffix:' label and a text box containing 'Contoso.msft'.
- A 'Description:' label and a text box containing 'Contoso.msft'.
- A checked checkbox labeled 'Discover sites and subnets in the Active Directory forest'. Below it is a note: 'Before you can discover Active Directory sites and IP subnets in the Active Directory forest, you must first enable the Active Directory Forest Discovery method. The Active Directory Forest Account must have Read permissions to the forest.'
- A section titled 'Active Directory Forest Account' with a descriptive paragraph: 'This account connects to the specified forest to discover Active Directory sites and IP subnets, and to publish site information to the Active Directory forest. Central administration sites and primary sites can connect using either the computer account or an account you specify. Secondary sites always connect using the computer account.'
- Two radio buttons: 'Use the computer account of the site server' (selected) and 'Use a specific account:'.
- A text box for the specific account and a 'Set...' button.
- At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

39) You can setting relate items and click **OK** . Click **Site Operations** node :

System Center 2012 Configuration Manager RTM Configure Document



40) Click **Sites** node ,you can see installed SC2012 ConfigMgr site information :



41) In **Ribbon** zone click **Properties** item , you can see this site relate settings

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and information :

The screenshot shows the 'SC2012_ConfigMgr_Primary_Site Properties' dialog box with the 'General' tab selected. The dialog has a title bar with a close button. Below the title bar is a tabbed interface with tabs for 'Signing and Encryption', 'General', 'Wake On LAN', 'Ports', 'Sender', 'Publishing', 'Client Computer Communication', 'Alerts', and 'Security'. The 'General' tab is active, showing a tree view with 'MCM - SC2012_ConfigMgr_Primary_Site' selected. Below the tree view is a 'Comment:' label and a text box. Further down are several properties listed in a table-like format: 'Type' (Primary), 'Parent site' (None), 'Version' (5.00.7711.0000), 'Build number' (7711), 'Site server' (ConfigMgr2012.Contoso.msft), 'Installation directory' (E:\Program Files\Microsoft Configuration Manager), 'SQL Server computer' (DB.Contoso.msft), and 'SMS Provider location' (CONFIGMGR2012.CONTOSO.MSFT). At the bottom right are 'OK', 'Cancel', and 'Apply' buttons. A help icon is at the bottom left.


Property	Value
Type	Primary
Parent site	None
Version	5.00.7711.0000
Build number	7711
Site server	ConfigMgr2012.Contoso.msft
Installation directory	E:\Program Files\Microsoft Configuration Manager
SQL Server computer	DB.Contoso.msft
SMS Provider location	CONFIGMGR2012.CONTOSO.MSFT

System Center 2012
Configuration Manager RTM
Configure Document

SC2012_ConfigMgr_Primary_Site Properties

Signing and Encryption | General | Wake On LAN | Ports | Sender | Publishing | Client Computer Communication | Alerts | Security

Specify the ports that Configuration Manager uses to communicate with clients in this site.

 Clients may not be able to communicate with site systems if an alternate port is not defined for client request services.

Active ports:

Service	Port	Description
<input checked="" type="checkbox"/> Client Requests-HTTP (TCP)	80	(default) Client Requests-HTTP (TCP)
<input checked="" type="checkbox"/> Client Requests-HTTPS (TCP)	443	(default) Client Requests-HTTPS (TCP)
<input checked="" type="checkbox"/> Wake On LAN (UDP)	9	Magic
<input type="checkbox"/> Client Requests-HTTP (TCP)		Client Requests-HTTP (TCP)
<input type="checkbox"/> Client Requests-HTTPS (TCP)		Client Requests-HTTPS (TCP)

☐ Use custom web site

OK Cancel Apply

System Center 2012
Configuration Manager RTM
Configure Document

The screenshot shows the 'SC2012_ConfigMgr_Primary_Site Properties' dialog box with the 'Sender' tab selected. The dialog has a title bar with a close button. Below the title bar is a tabbed interface with tabs for 'Signing and Encryption', 'General', 'Wake On LAN', 'Ports', 'Sender', 'Publishing', 'Client Computer Communication', 'Alerts', and 'Security'. The 'Sender' tab is active, showing a green arrow icon and the text 'MCM - SC2012_ConfigMgr_Primary_Site'. Below this is a descriptive text: 'A Configuration Manager site can send data concurrently to multiple sites. You can set limits for concurrent sendings and can specify retry settings.' There are two main sections: 'Maximum concurrent sendings' and 'Retry settings'. The 'Maximum concurrent sendings' section has two rows: 'All sites:' with a value of 5 and 'Per site:' with a value of 3. The 'Retry settings' section has two rows: 'Number of retries:' with a value of 2 and 'Delay before retrying (minutes):' with a value of 1. At the bottom left is a help icon (question mark in a circle). At the bottom right are three buttons: 'OK', 'Cancel', and 'Apply'.

SC2012_ConfigMgr_Primary_Site Properties

Signing and Encryption | General | Wake On LAN | Ports | Sender | Publishing | Client Computer Communication | Alerts | Security

MCM - SC2012_ConfigMgr_Primary_Site

A Configuration Manager site can send data concurrently to multiple sites. You can set limits for concurrent sendings and can specify retry settings.

Maximum concurrent sendings

All sites: 5

Per site: 3

Retry settings

Number of retries: 2

Delay before retrying (minutes): 1

OK Cancel Apply

The screenshot shows the 'SC2012_ConfigMgr_Primary_Site Properties' dialog box with the 'Client Computer Communication' tab selected. The dialog has several tabs: 'Signing and Encryption', 'General', 'Wake On LAN', 'Ports', 'Sender', 'Publishing', 'Client Computer Communication', 'Alerts', and 'Security'. The 'Client Computer Communication' tab contains the following sections:

- Site system settings:** A text box explaining that the client computer communication method (HTTP or HTTPS) must be selected for IIS site systems. To use HTTPS, servers must have a valid PKI web server certificate (server authentication capability). Two radio buttons are present: 'HTTPS only' (selected) and 'HTTPS or HTTP'.
- Client computer settings:** A text box stating that settings for client computers communicating with IIS site systems should be specified. A checkbox 'Use PKI client certificate (client authentication capability) when available' is checked. Below this is a 'Client certificate selection' section with a table:

Location:	
Criteria:	Client authentication capability
Multiple Certificates:	Select any certificate that matches

A 'Modify...' button is located to the right of the table.
- A checkbox 'Clients check the certificate revocation list (CRL) for site systems' is checked.
- Trusted Root Certification Authorities:** A text box shows 'Root CA specified', and a 'Set...' button is to its right.

At the bottom of the dialog are buttons for '?', 'OK', 'Cancel', and 'Apply'.

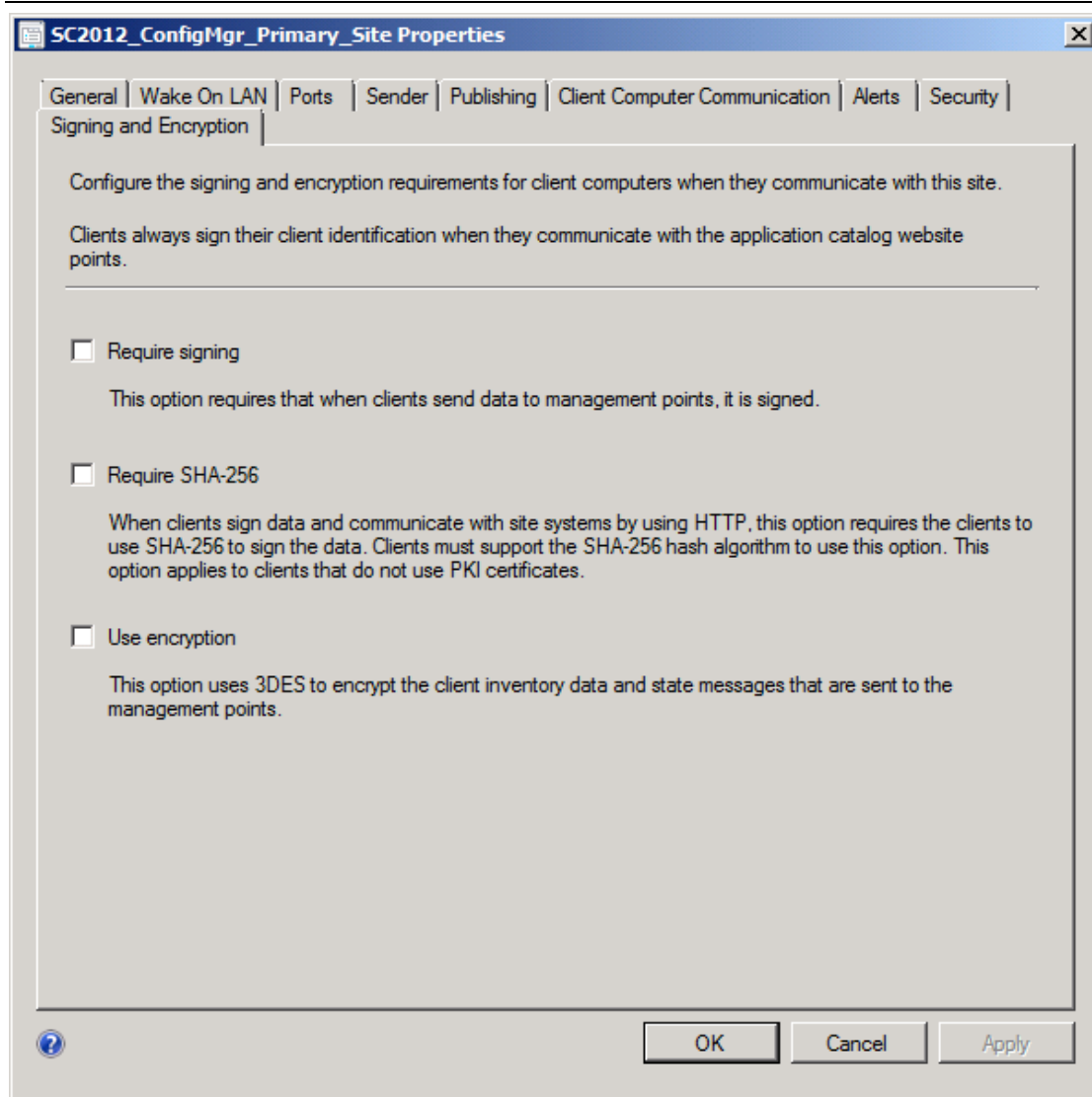
The screenshot shows a Windows-style dialog box titled "SC2012_ConfigMgr_Primary_Site Properties". It has a tabbed interface with the following tabs: "Signing and Encryption", "General", "Wake On LAN", "Ports", "Sender", "Publishing", "Client Computer Communication", "Alerts" (which is the active tab), and "Security".

Inside the "Alerts" tab, there is a section titled "Configure alerts for low disk space on the site database server." Below this title, there is a checkbox labeled "Generate an alert when the free disk space on the site database server is low", which is currently checked.

Below the checkbox, there are two rows of configuration options:

- The first row is labeled "Warning alert when the free disk space falls below the following value in GB:" followed by a numeric spinner box containing the value "10".
- The second row is labeled "Critical alert when the free disk space falls below the following value in GB:" followed by a numeric spinner box containing the value "5".

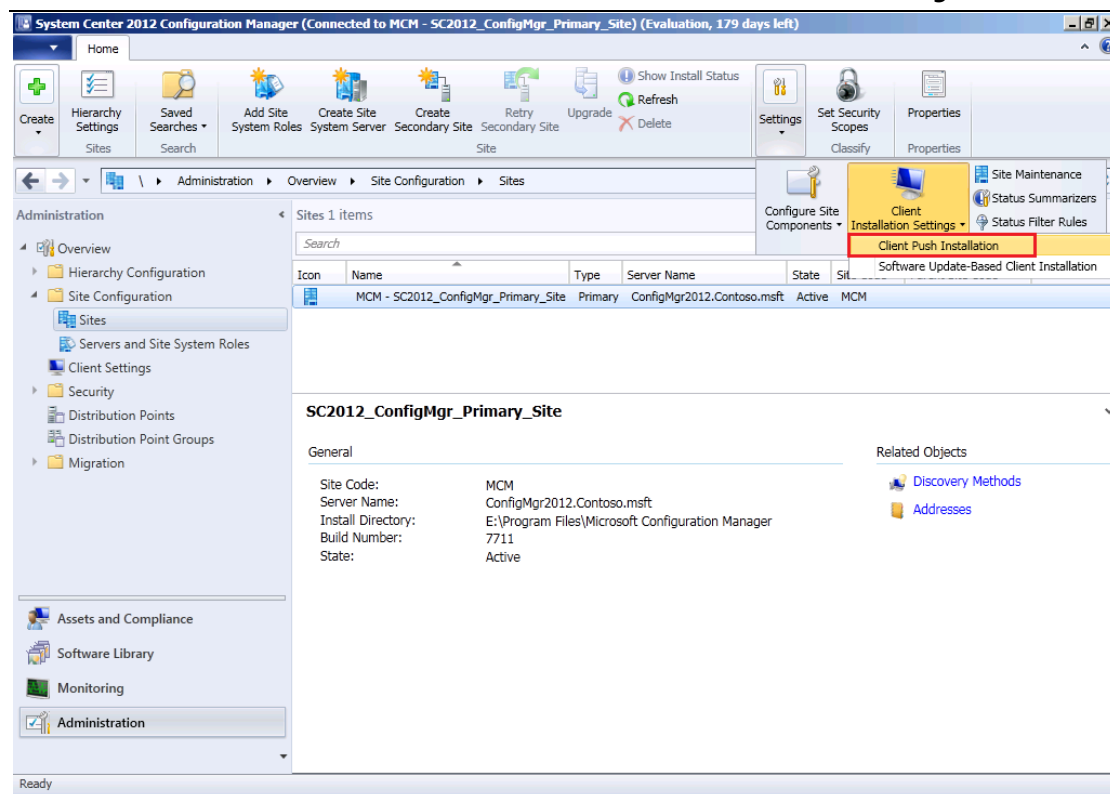
At the bottom of the dialog box, there are three buttons: "OK", "Cancel", and "Apply". A help icon (a question mark inside a circle) is located in the bottom-left corner.



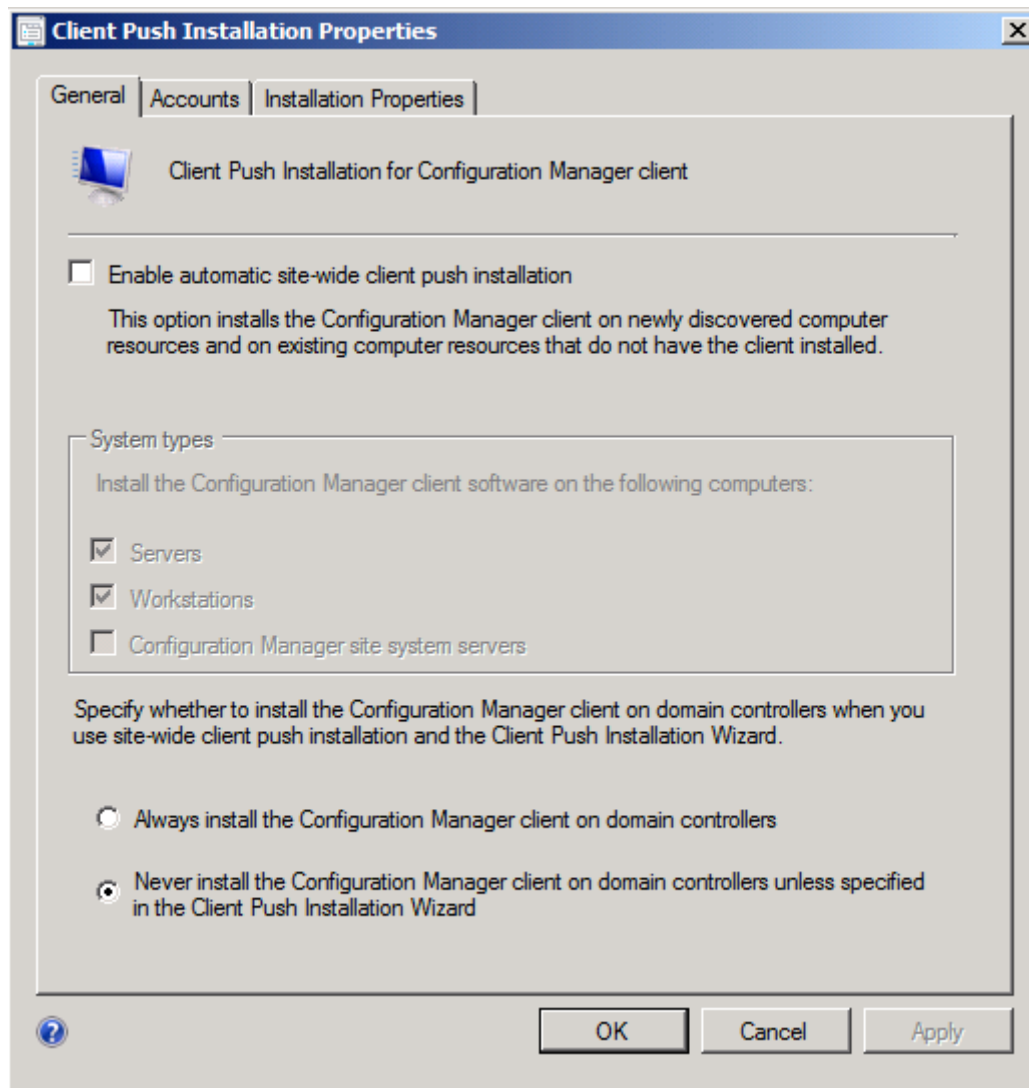
42) Click **OK** 。 In Ribbon zone , click **Settings---Client Installation**

Settings---Client Push Installation item :

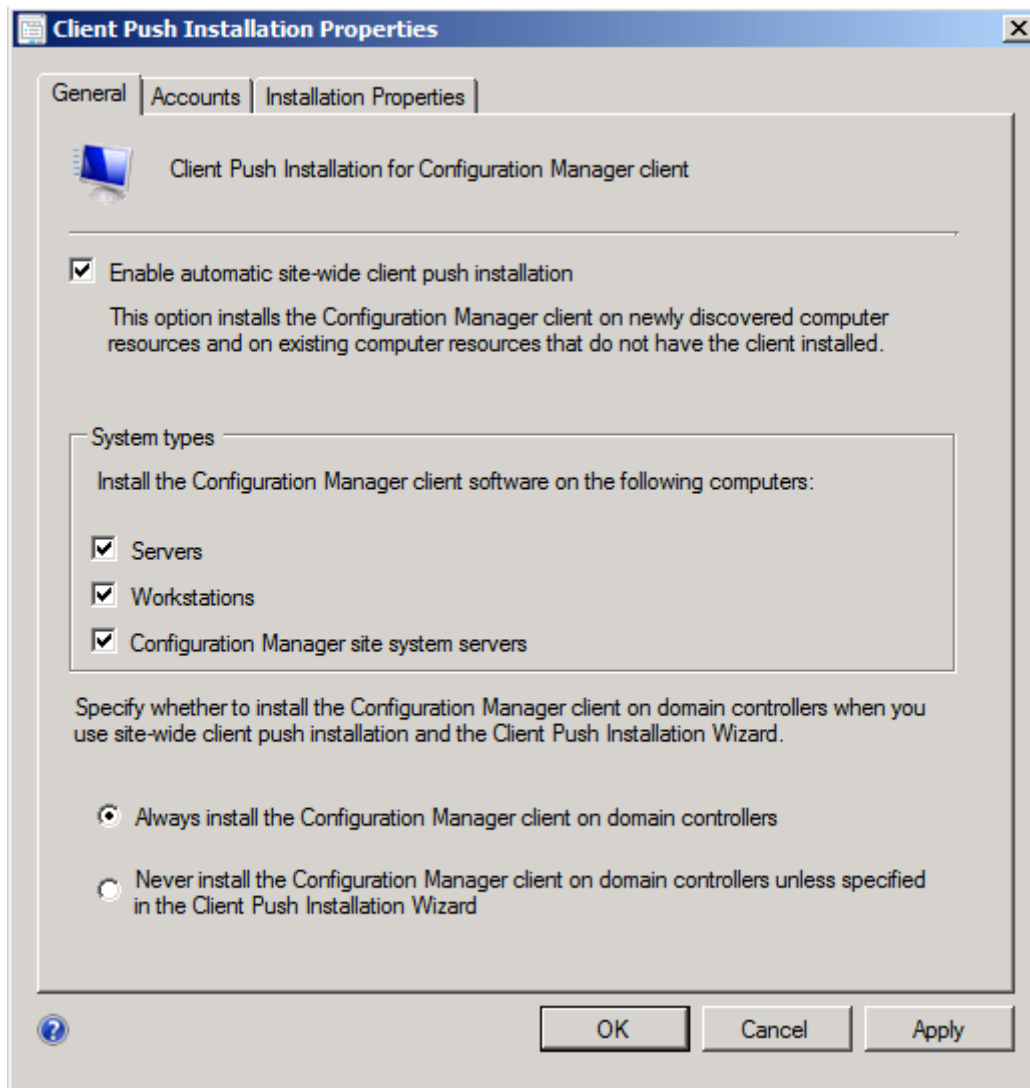
**System Center 2012
Configuration Manager RTM
Configure Document**



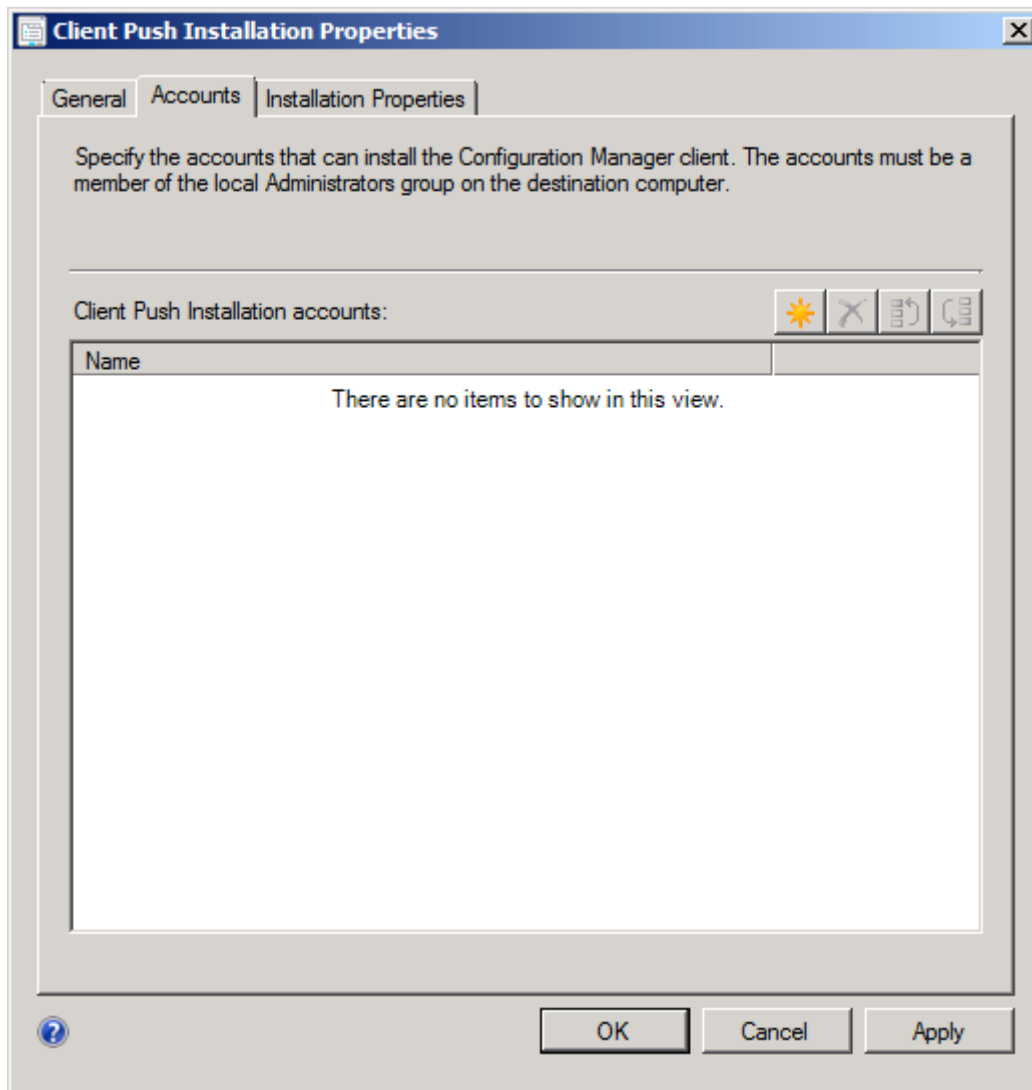
43) Will open **Client Push Installation Properties** box :




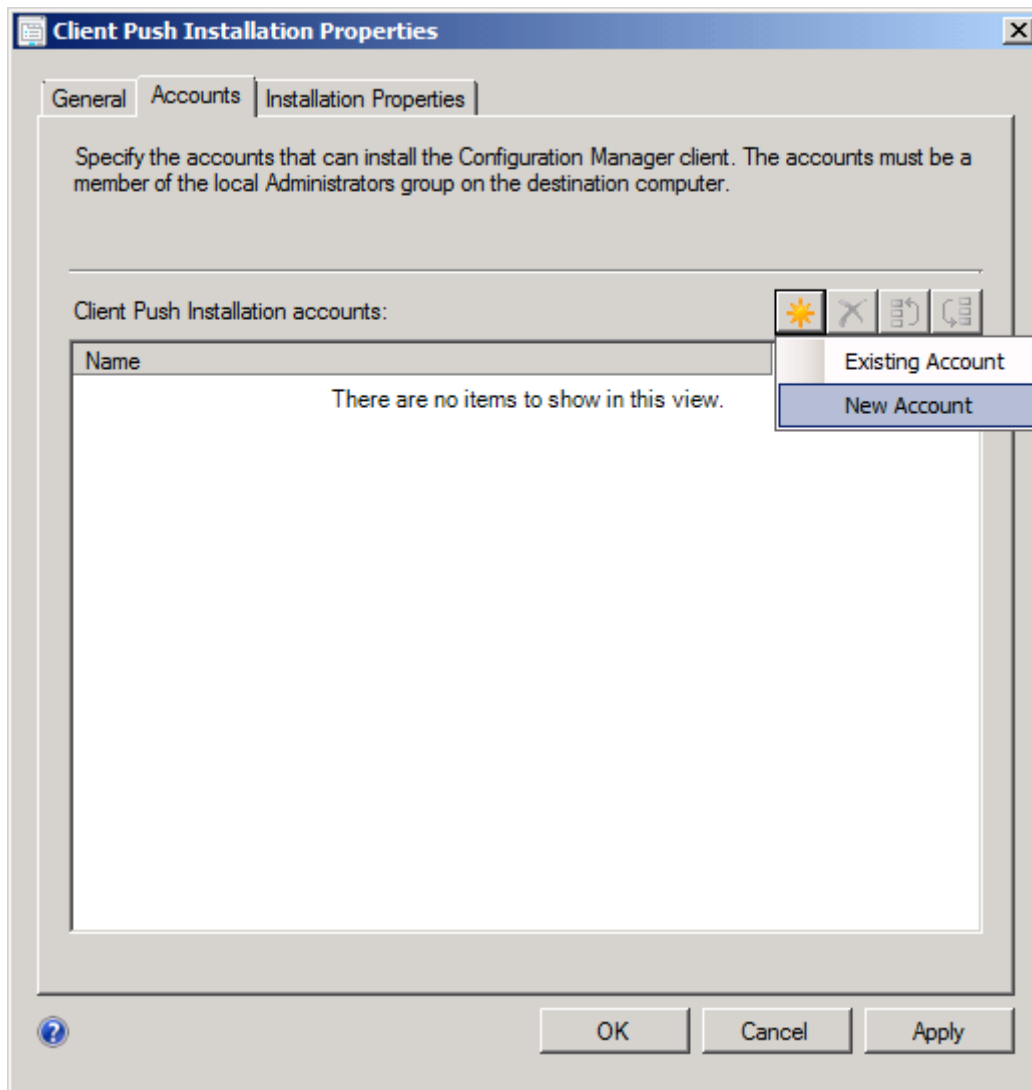
44) In **General** page , select **Enable automatic site-wide client push Installation** item , other item need to base on your requirements to choose :



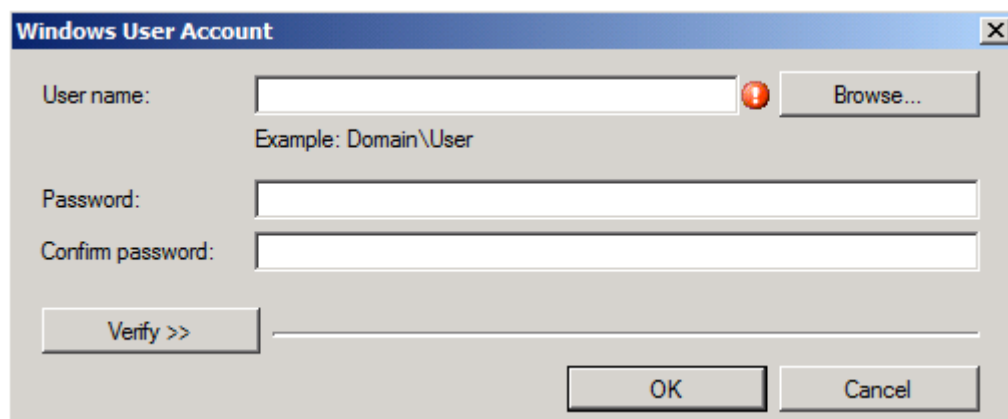
45) Click **Accounts** page :



46) Click  button , will display two options :

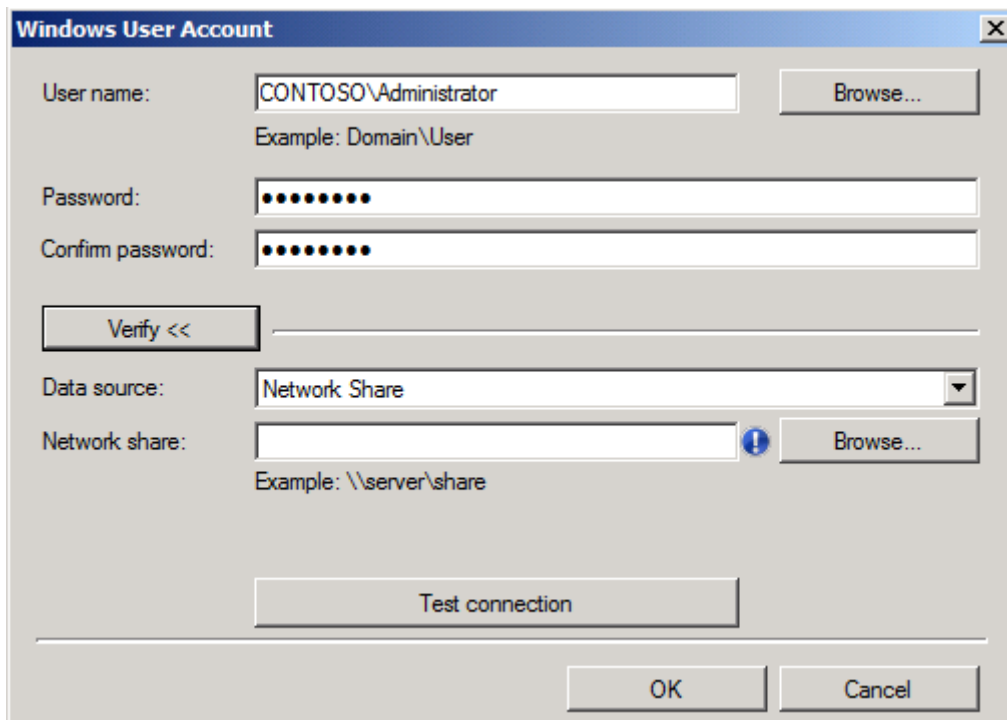


47) Click **New Account** , will open **Windows User Account** box :



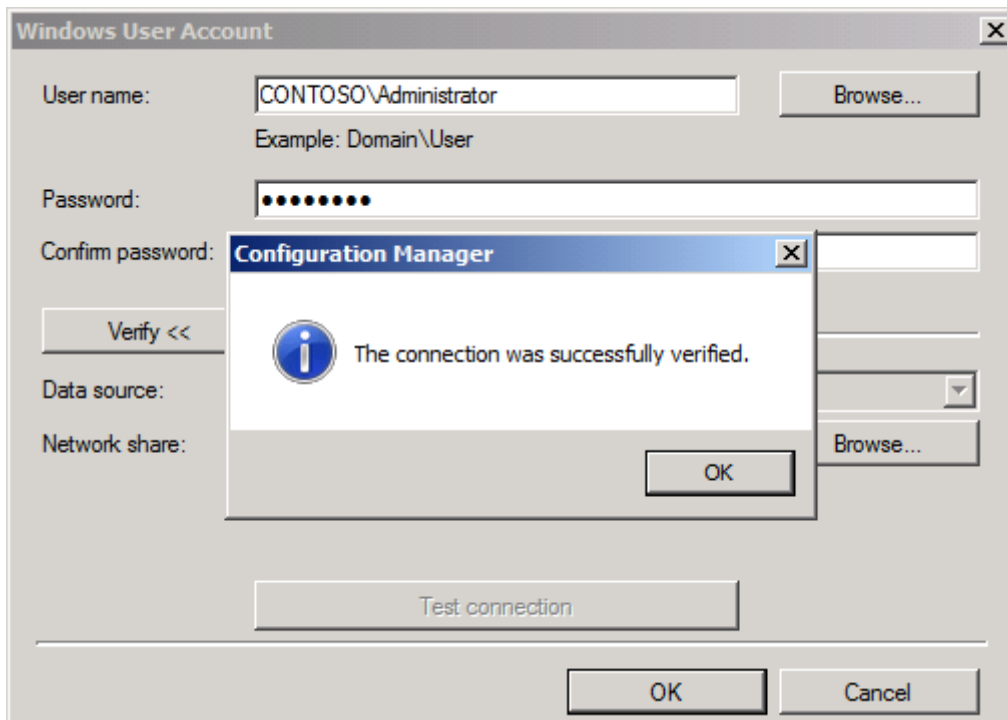
48) Input user name or click **Browse...** to select a user , type this user password

in **Password** and **Confirm password** field :



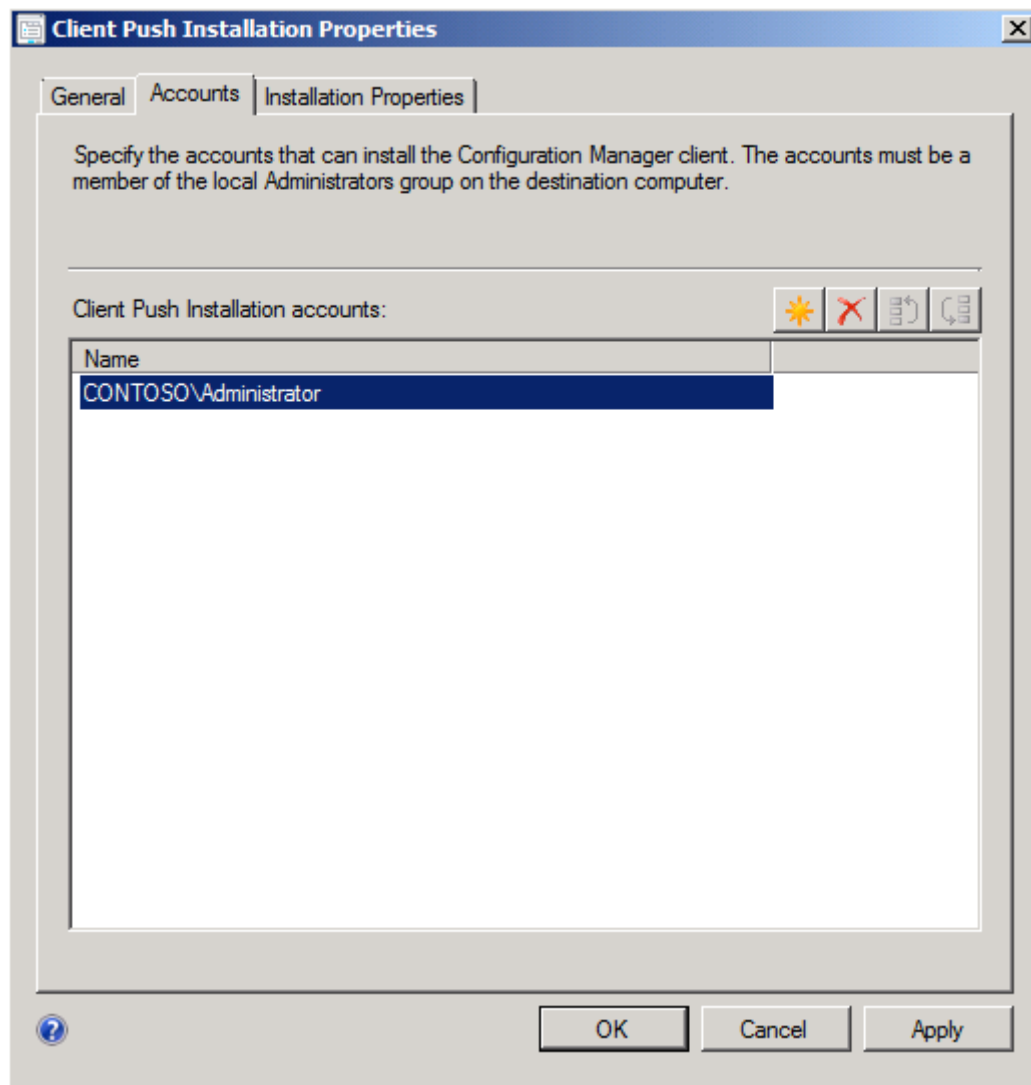
The screenshot shows the 'Windows User Account' dialog box. It has a title bar with a close button. The fields include: 'User name:' with 'CONTOSO\Administrator' and a 'Browse...' button; 'Example: Domain\User'; 'Password:' and 'Confirm password:' fields with masked characters; a 'Verify <<' button; 'Data source:' with a dropdown menu showing 'Network Share'; 'Network share:' with an empty field, an information icon, and a 'Browse...' button; 'Example: \\server\share'; a 'Test connection' button; and 'OK' and 'Cancel' buttons at the bottom.

49) If you need to verify this user , you can click **Verify>>** , type a network share path in **Network share** field , click **Test connection** to verify :

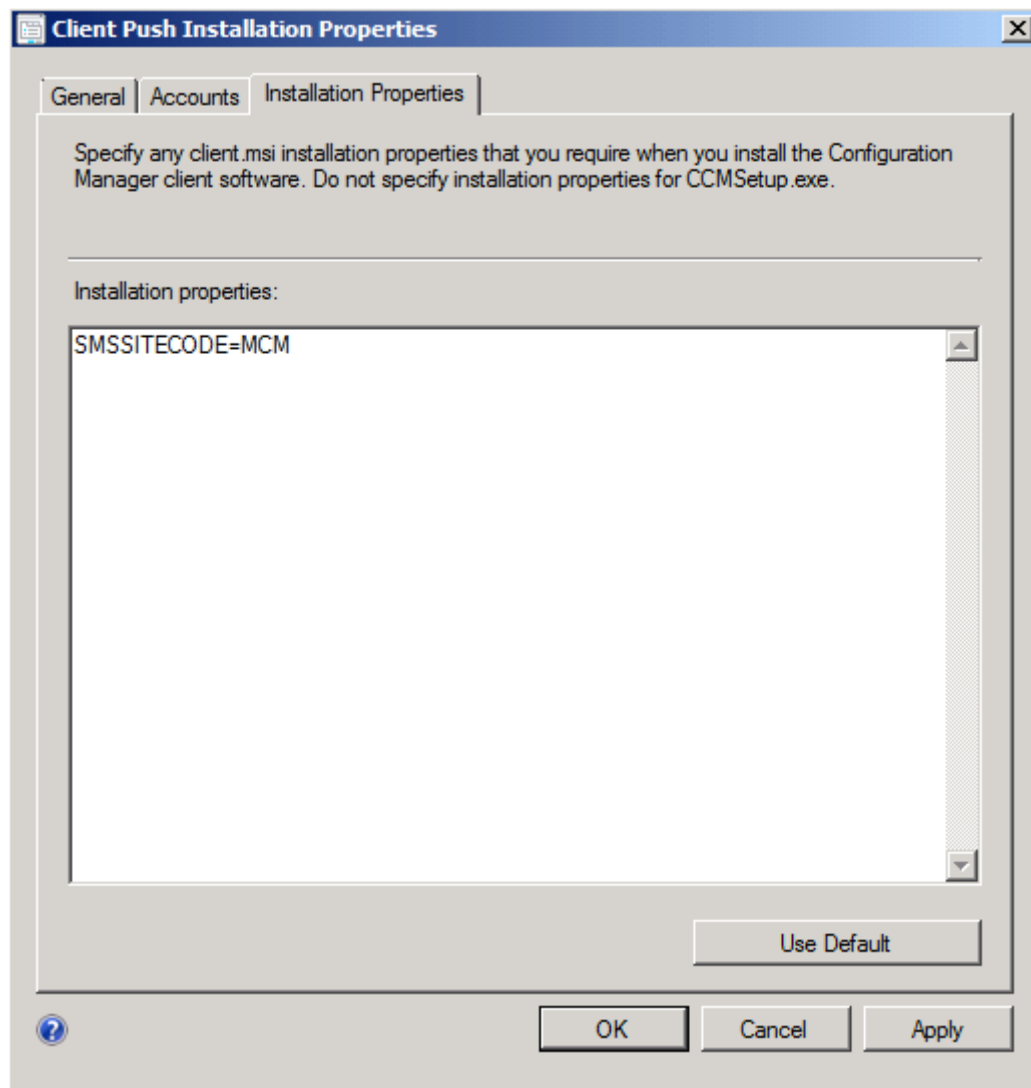


This screenshot shows the same 'Windows User Account' dialog box as before, but with a 'Configuration Manager' message box overlaid. The message box has a title bar with a close button and contains an information icon and the text 'The connection was successfully verified.' with an 'OK' button. The 'Verify <<' button is now disabled. The 'Network share' field is still empty, and the 'Test connection' button is also disabled. The 'OK' and 'Cancel' buttons at the bottom are still visible.

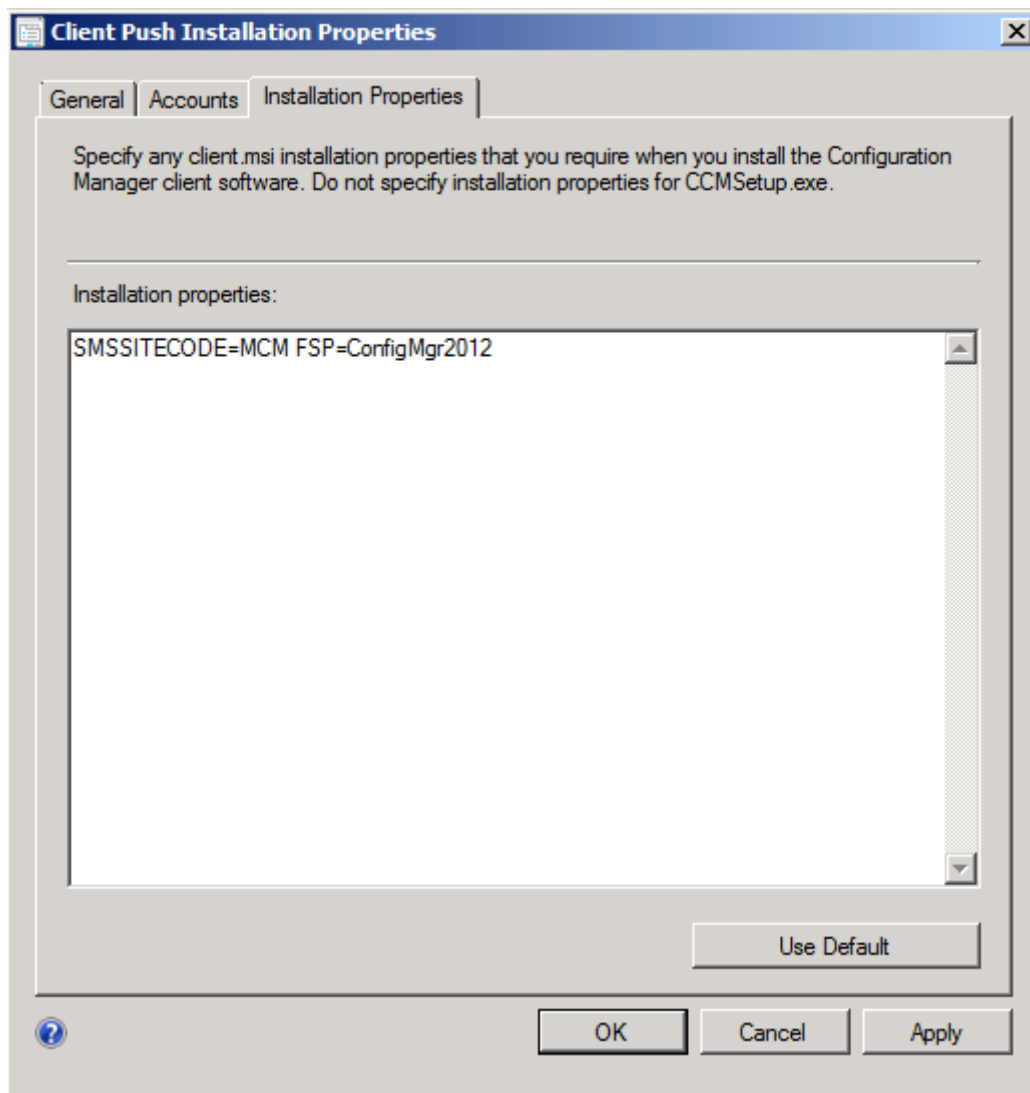
50) Click **OK** twice will back to **Accounts** page :



51) Click **Installation Properties** page , you can see the **Installation properties**:

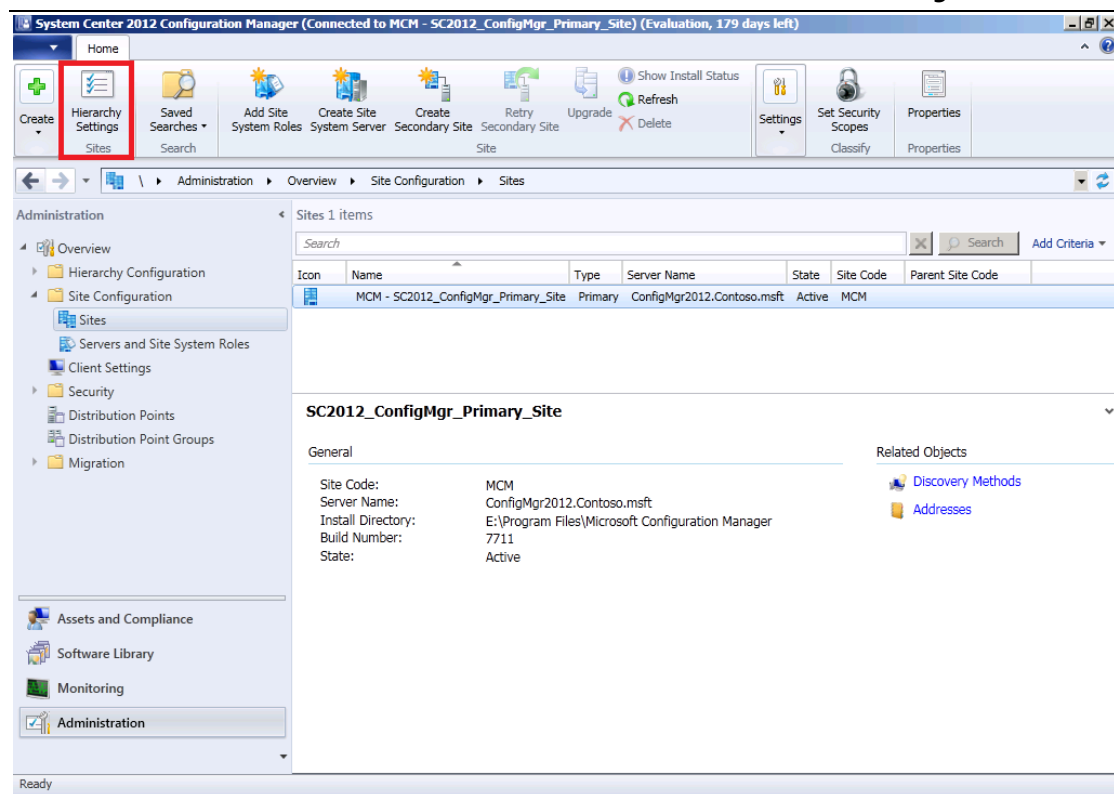


52) In **Installation properties** box , you can type other installation properties :

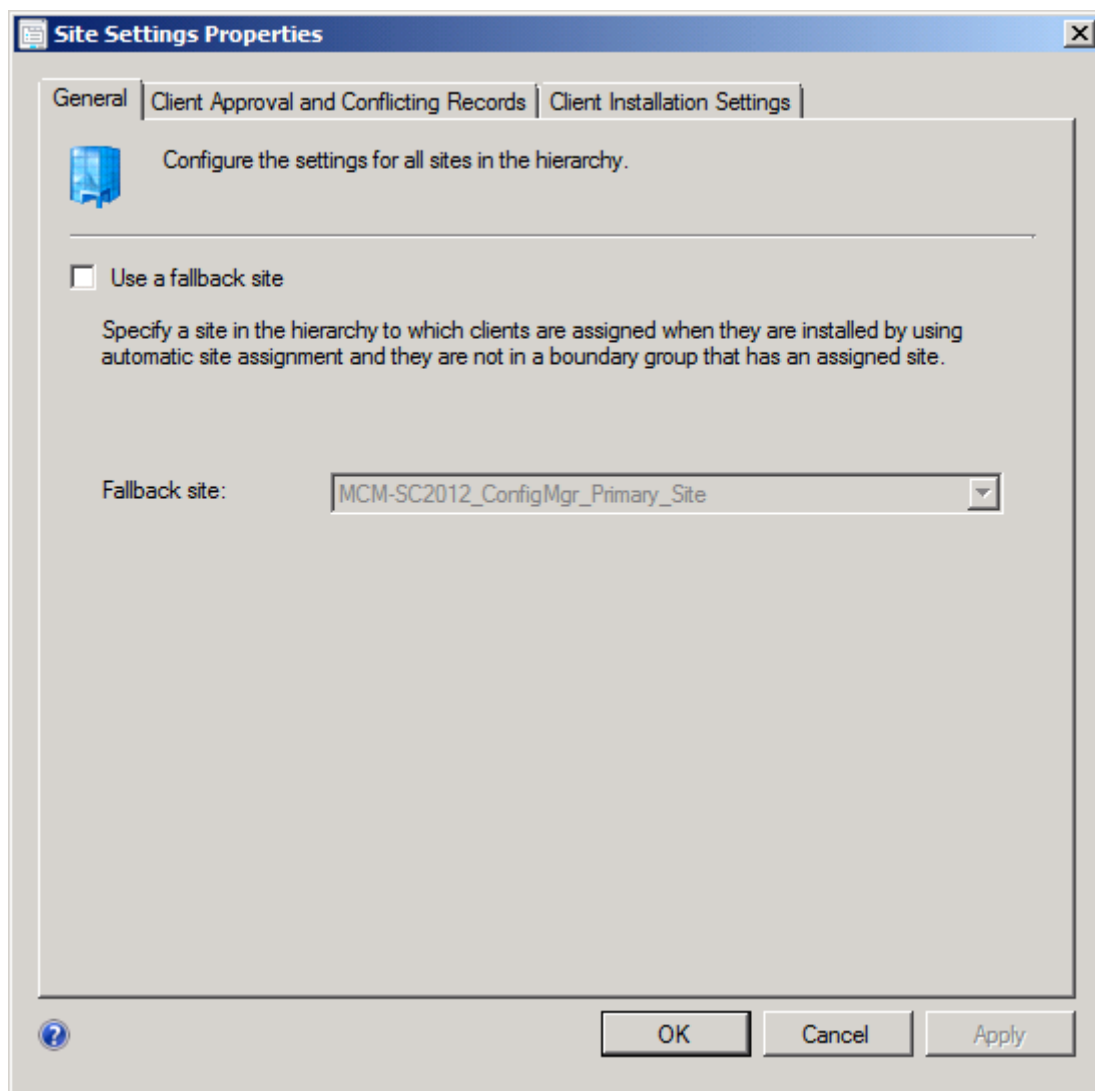


53) Click **Apply**---**OK** will back to **Sites** node, click **Hierarchy Settings** :

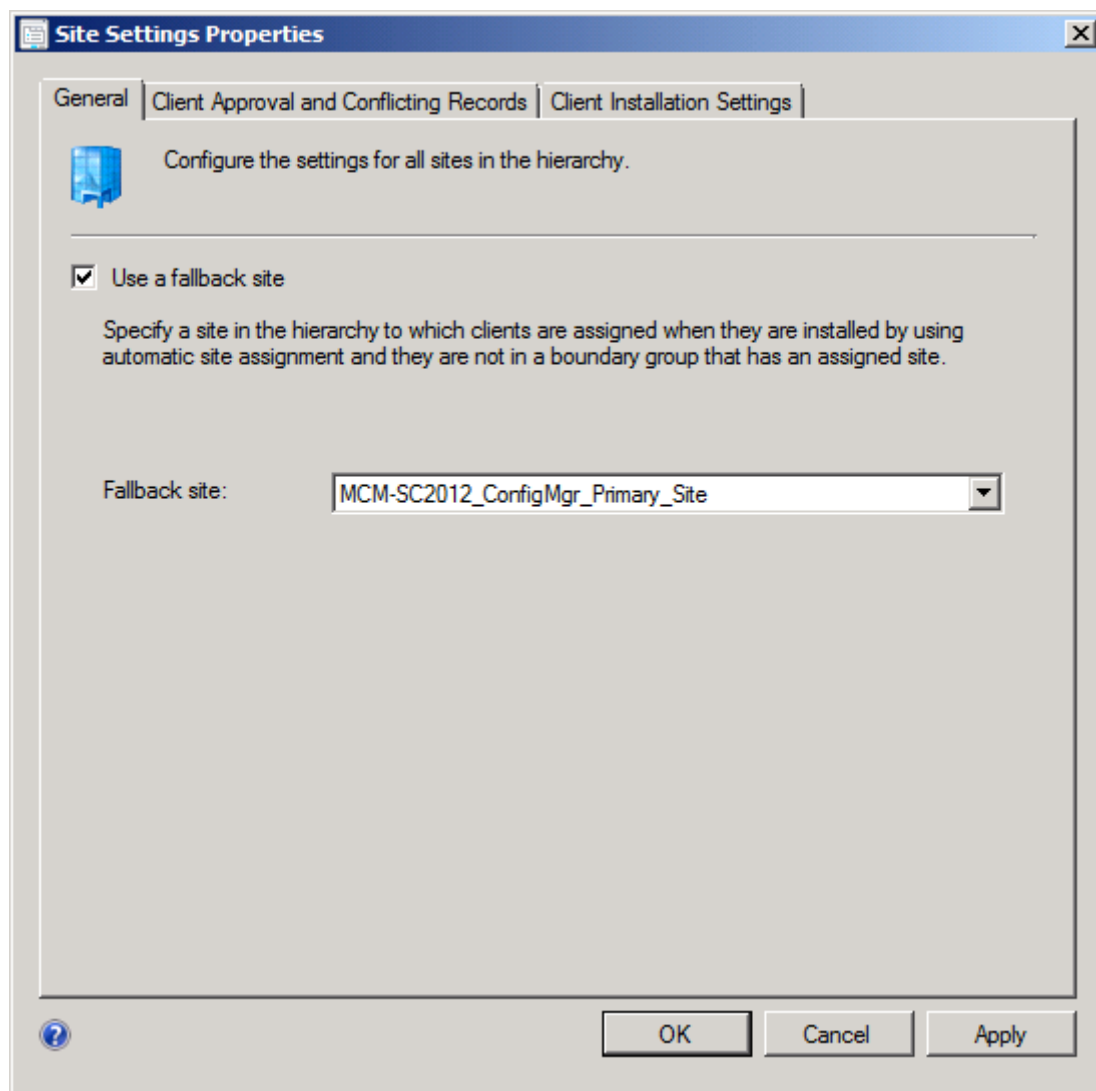
**System Center 2012
Configuration Manager RTM
Configure Document**



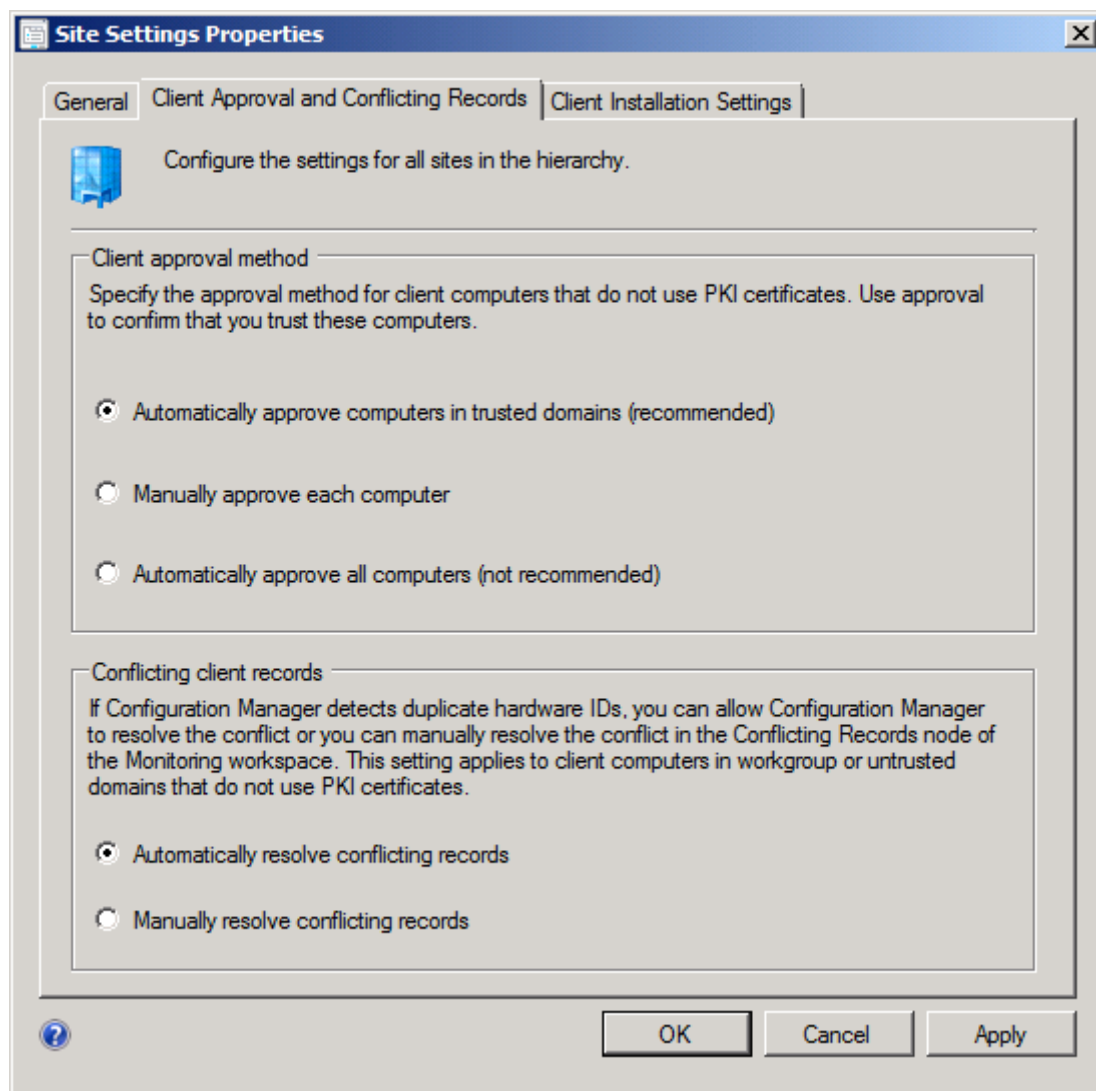
54) Will display **Site Settings Properties** box :



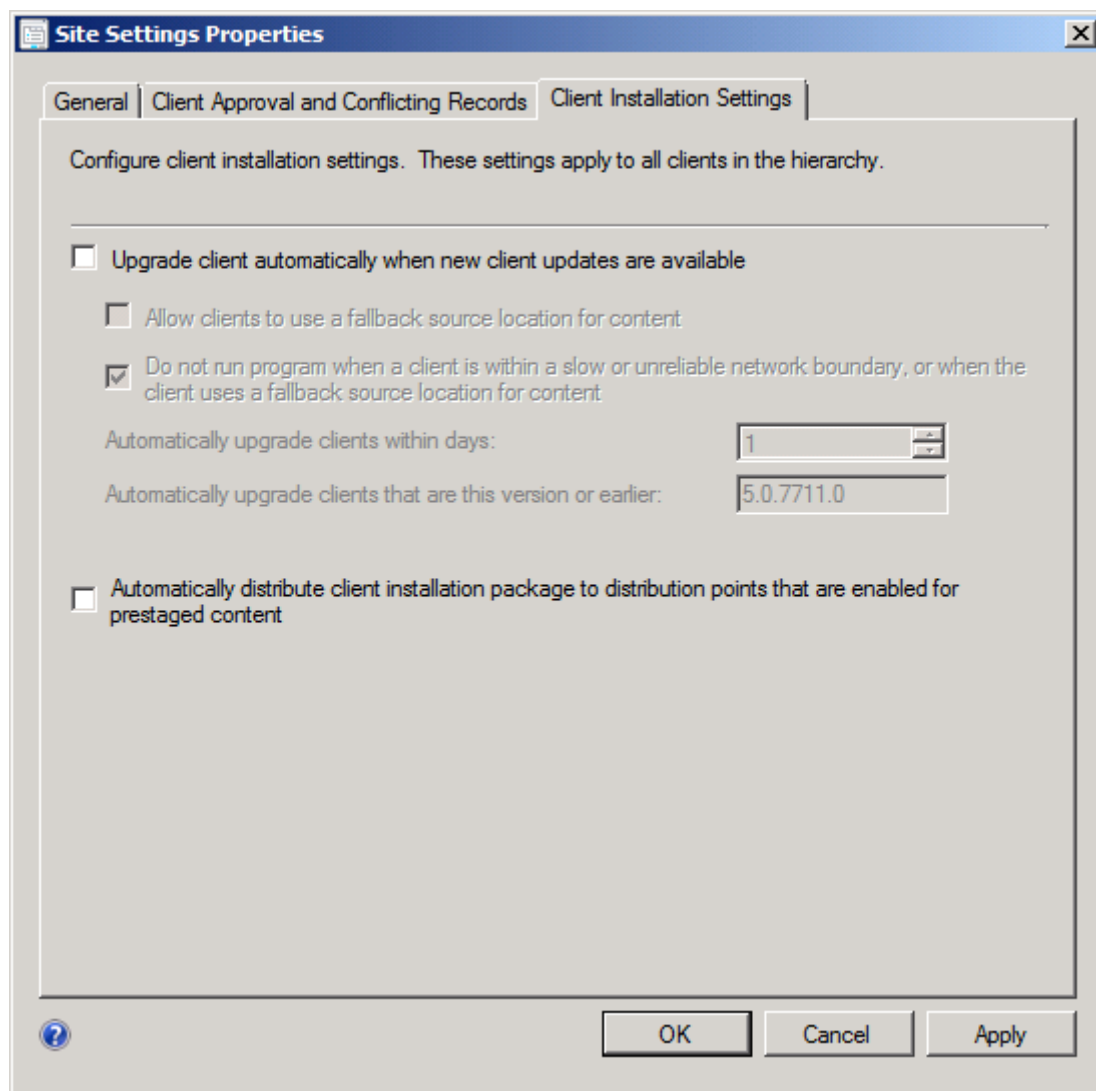
55) Select **Use a fallback site** item :



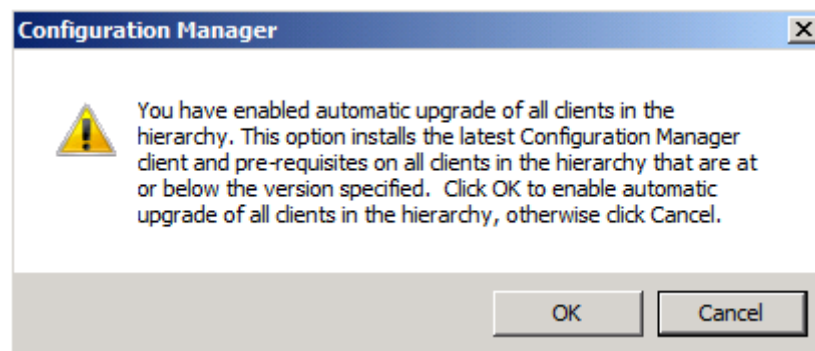
56) In **Client Approval and Conflicting Records** page , you can setting **Client approval method** and **Conflicting client records** :



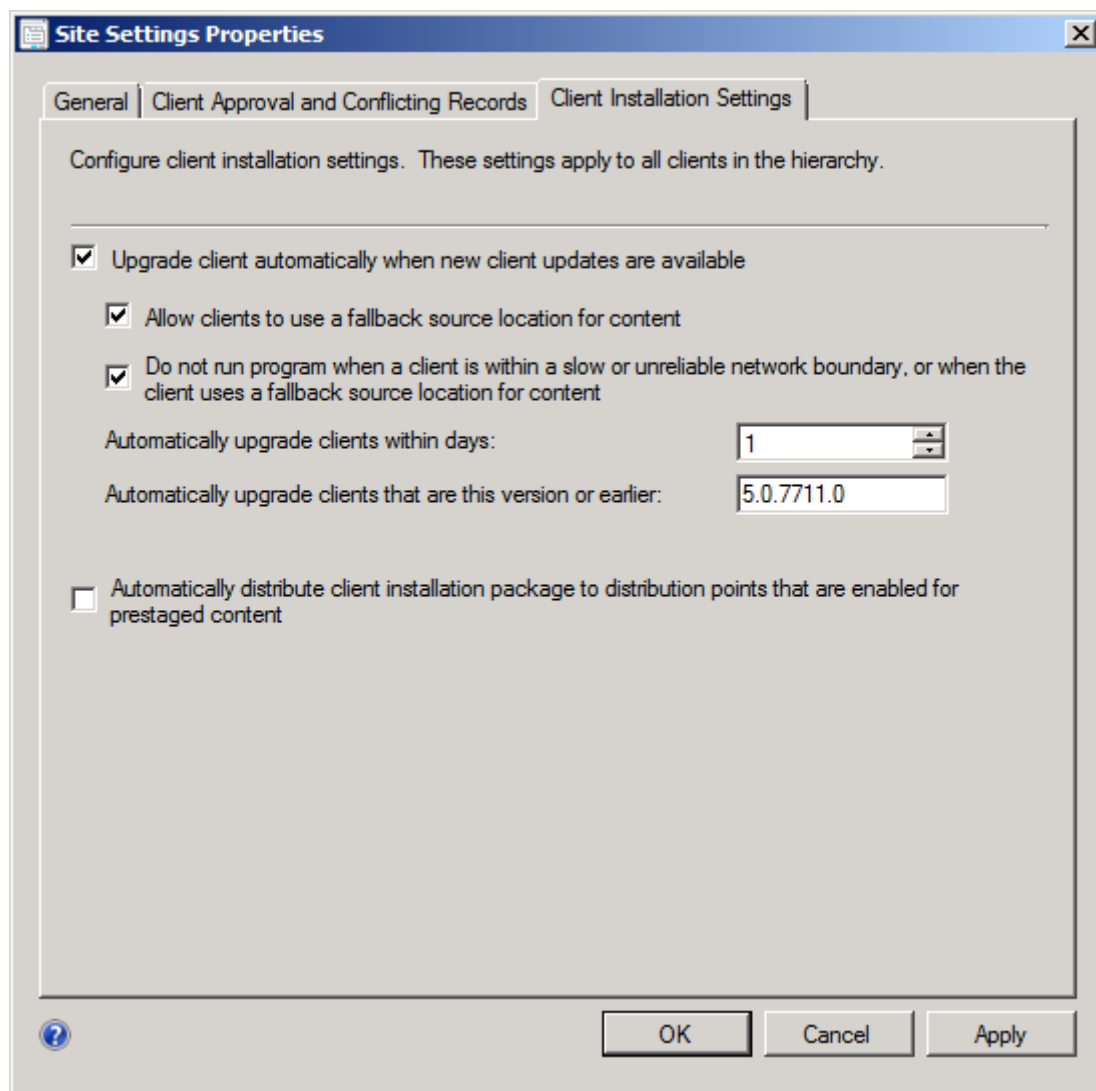
57) In **Client Installation Settings** page , you can setting client update and
prestige options :



58) When you select **Upgrade client automatically when new client updates are available** item , you will see the warning :

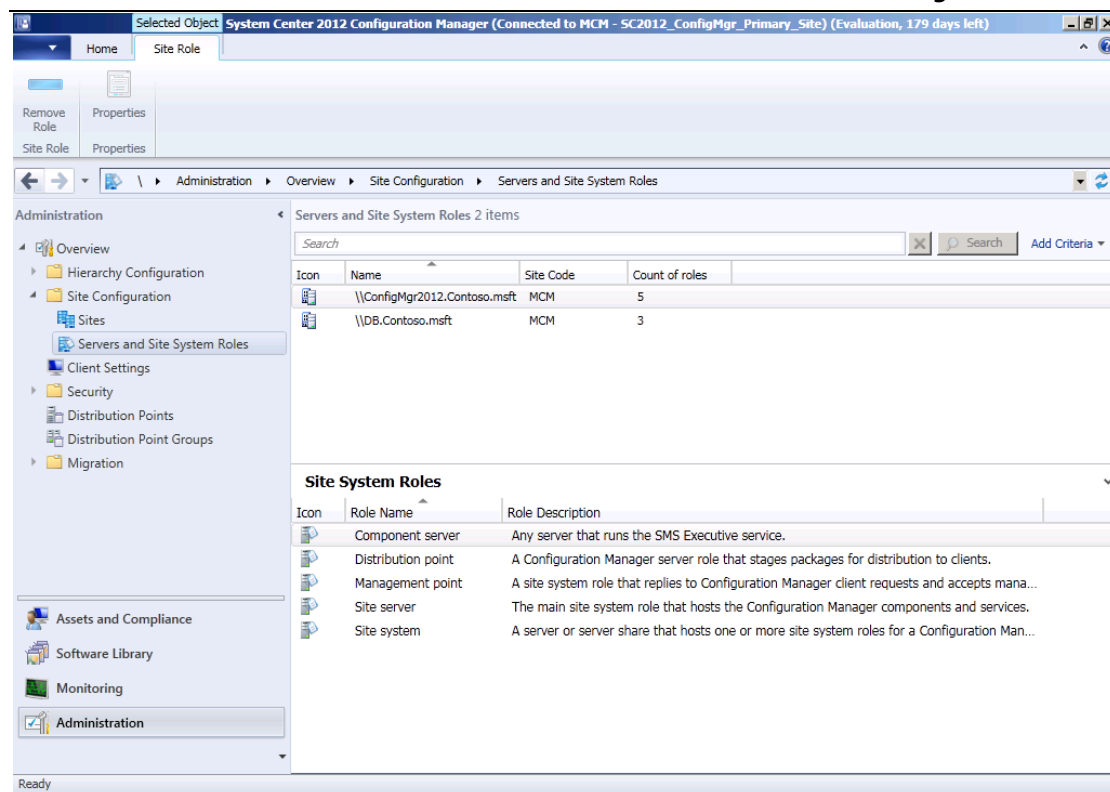


59) Click **OK** and choose your needs options :



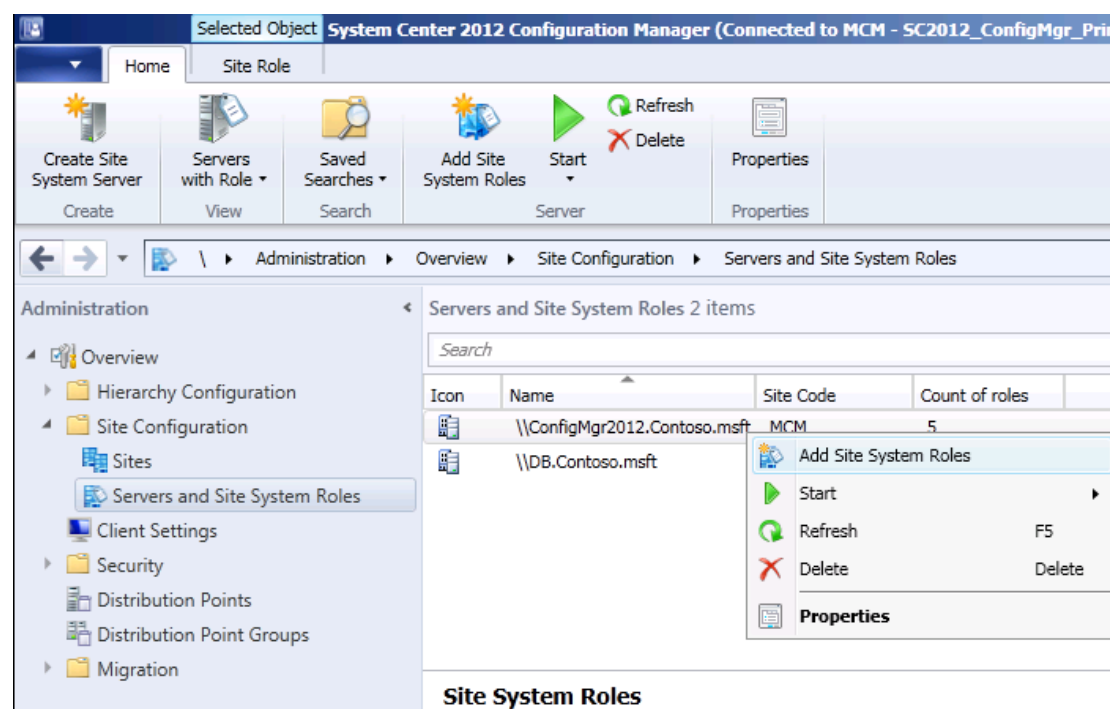
60) Click **Apply**---**OK** and click **Servers and Site System Roles** node :

System Center 2012 Configuration Manager RTM Configure Document



61) Right-click **\\CONFIGMGR2012** server name , click **Add Site System Roles**

item :



62) Will display **Add Site System Roles Wizard** :

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**System Center 2012
Configuration Manager RTM
Configure Document**

Add Site System Roles Wizard

General

General

System Role Selection

Summary

Progress

Completion

Select a server to use as a site system

Name: Example: server1.corp.contoso.com
ConfigMgr2012.Contoso.msft Browse...

Site code: MCM - SC2012_ConfigMgr_Primary_Site

☐ Specify an FQDN for this site system for use on the Internet
Internet FQDN: Example: internetsrv2.contoso.com

☐ Require the site server to initiate connections to this site system

After the installation of the site system roles, the site server initiates all connections to the site system server by using the Site System Installation Account.

Site System Installation Account

☒ Use the site server's computer account to install this site system

☐ Use another account for installing this site system

Get...

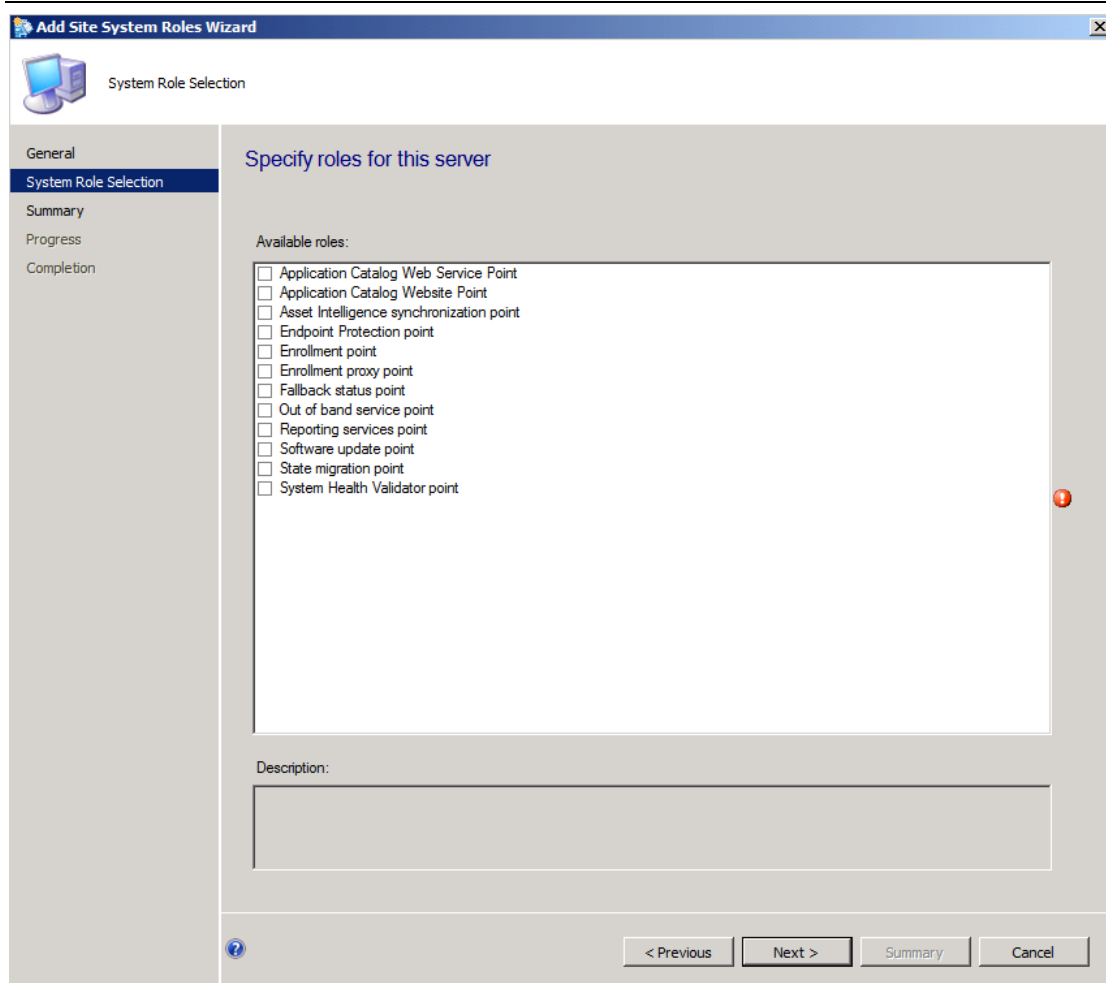
Active Directory membership

Active Directory forest: Contoso.msft

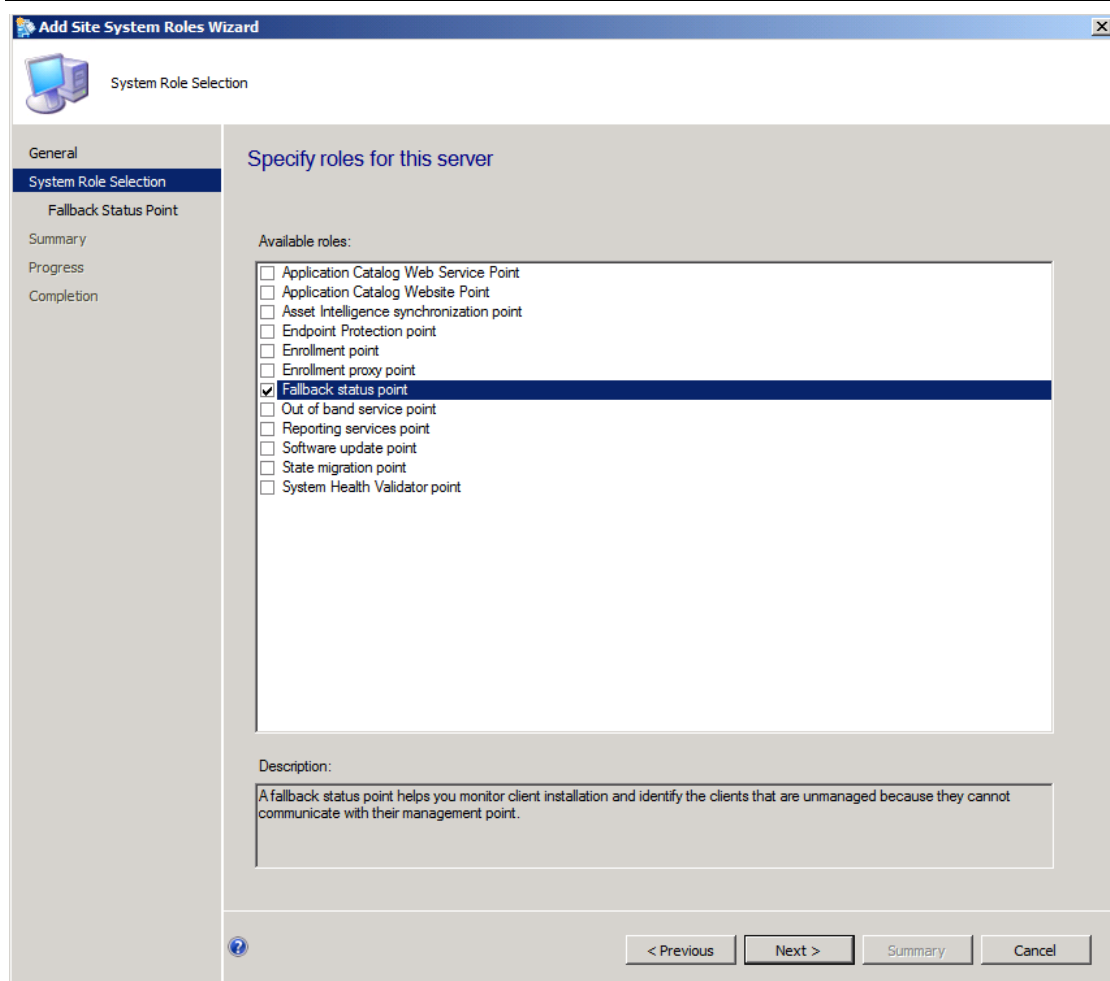
Active Directory domain: Contoso.msft

< Previous Next > Summary Cancel

63) Click **Next** , will display **System Role Selection** page :



64) Select **Fallback status point** in **Available roles** box :



65) Click **Next** , into **Fallback Status Point** page :

The screenshot shows the 'Add Site System Roles Wizard' window with the 'Fallback Status Point' page selected. The left sidebar contains a navigation pane with the following items: General, System Role Selection, Fallback Status Point (highlighted), Summary, Progress, and Completion. The main content area is titled 'Specify fallback status point settings'. It includes a description: 'A fallback status point helps you monitor client installation and identify the clients that are unmanaged because they cannot communicate with their management point.' Below this is a section for 'Allowed client connections' with a text box containing 'Allow intranet-only connections'. Further down, there are two input fields: 'Number of state messages' set to 10000 and 'Throttle interval (in seconds)' set to 3600. At the bottom right, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

Add Site System Roles Wizard

Fallback Status Point

General
System Role Selection
Fallback Status Point
Summary
Progress
Completion

Specify fallback status point settings

A fallback status point helps you monitor client installation and identify the clients that are unmanaged because they cannot communicate with their management point.

Allowed client connections

The allowed client connections setting is automatically configured and is displayed for information only. The value is determined by the site system configuration option to specify the Internet FQDN.

Allow intranet-only connections

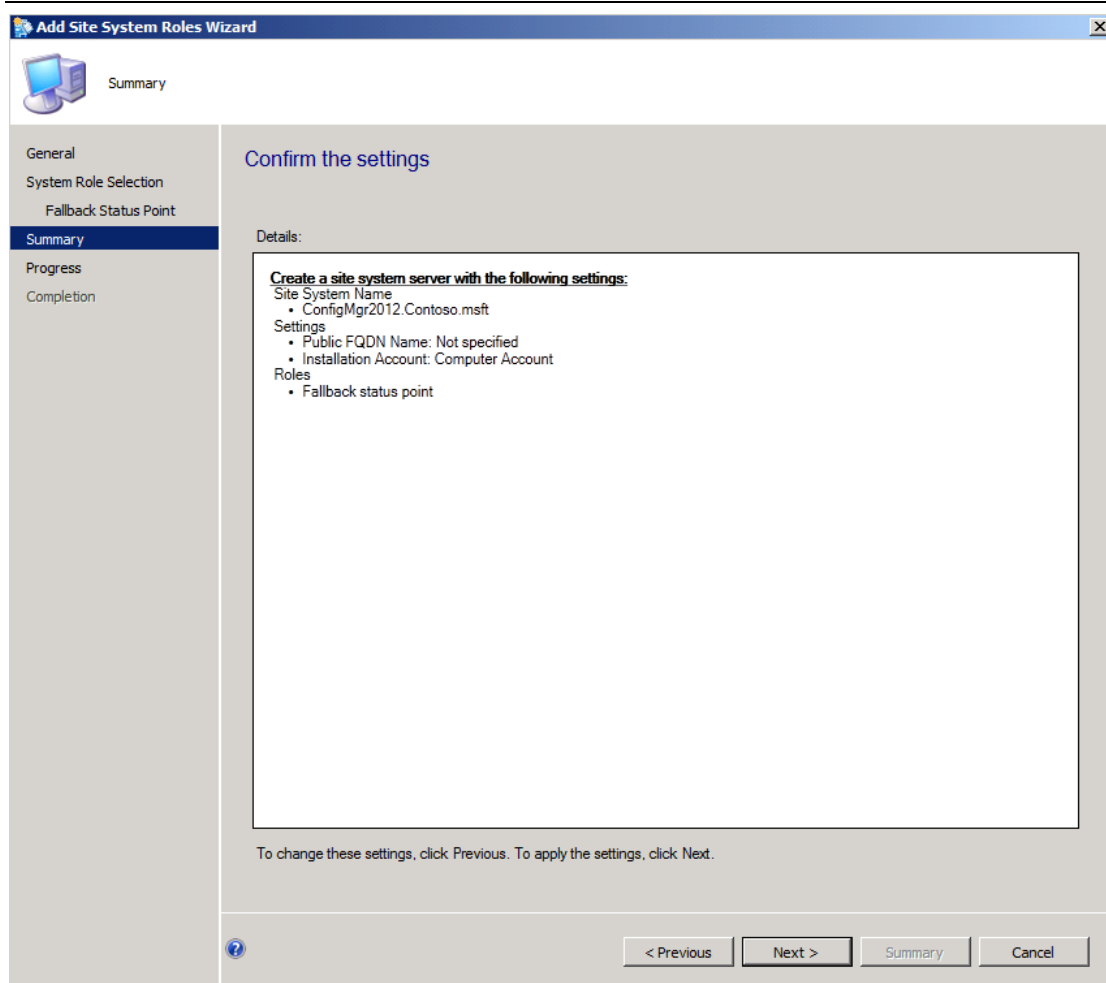
Specify the number of state messages to process within the throttle interval. When the site server processes many state messages, it might decrease the performance of the site server.

Number of state messages: 10000

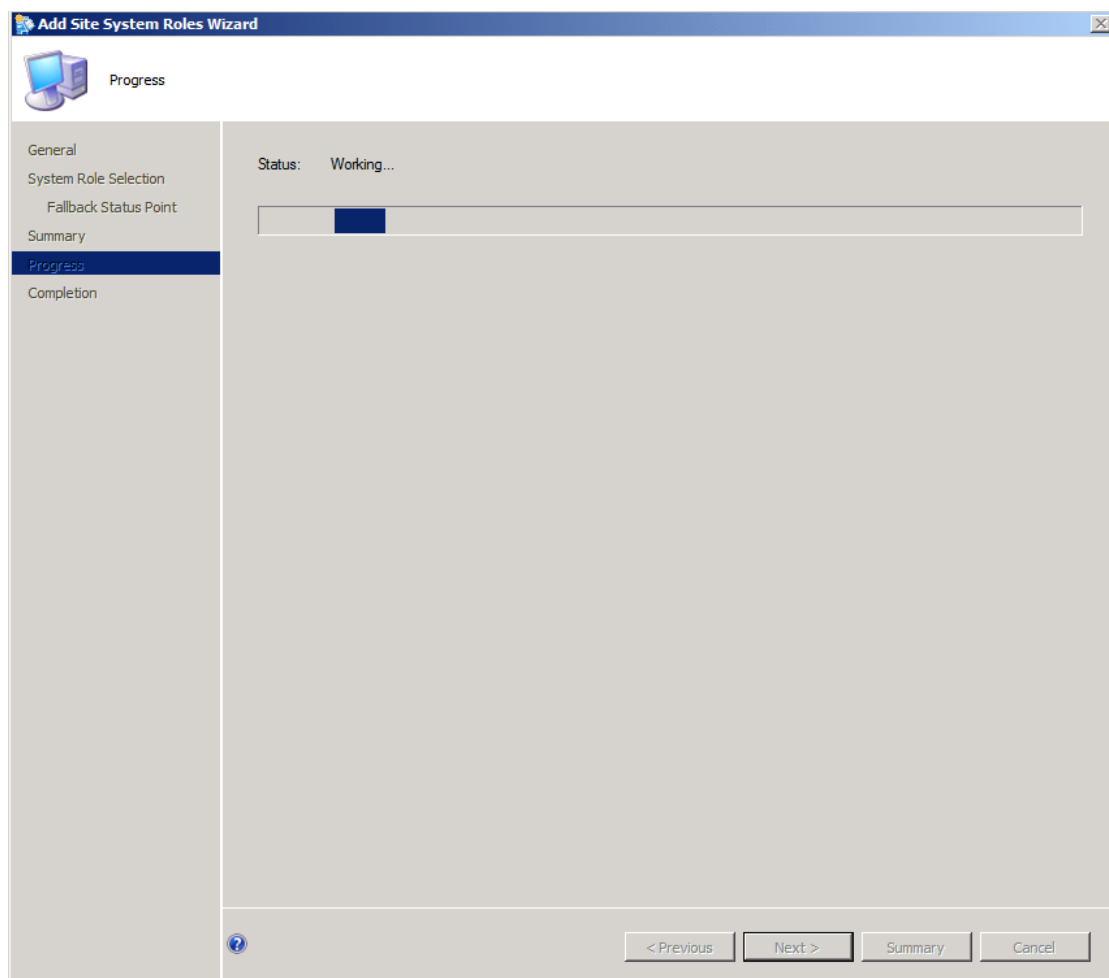
Throttle interval (in seconds): 3600

< Previous Next > Summary Cancel

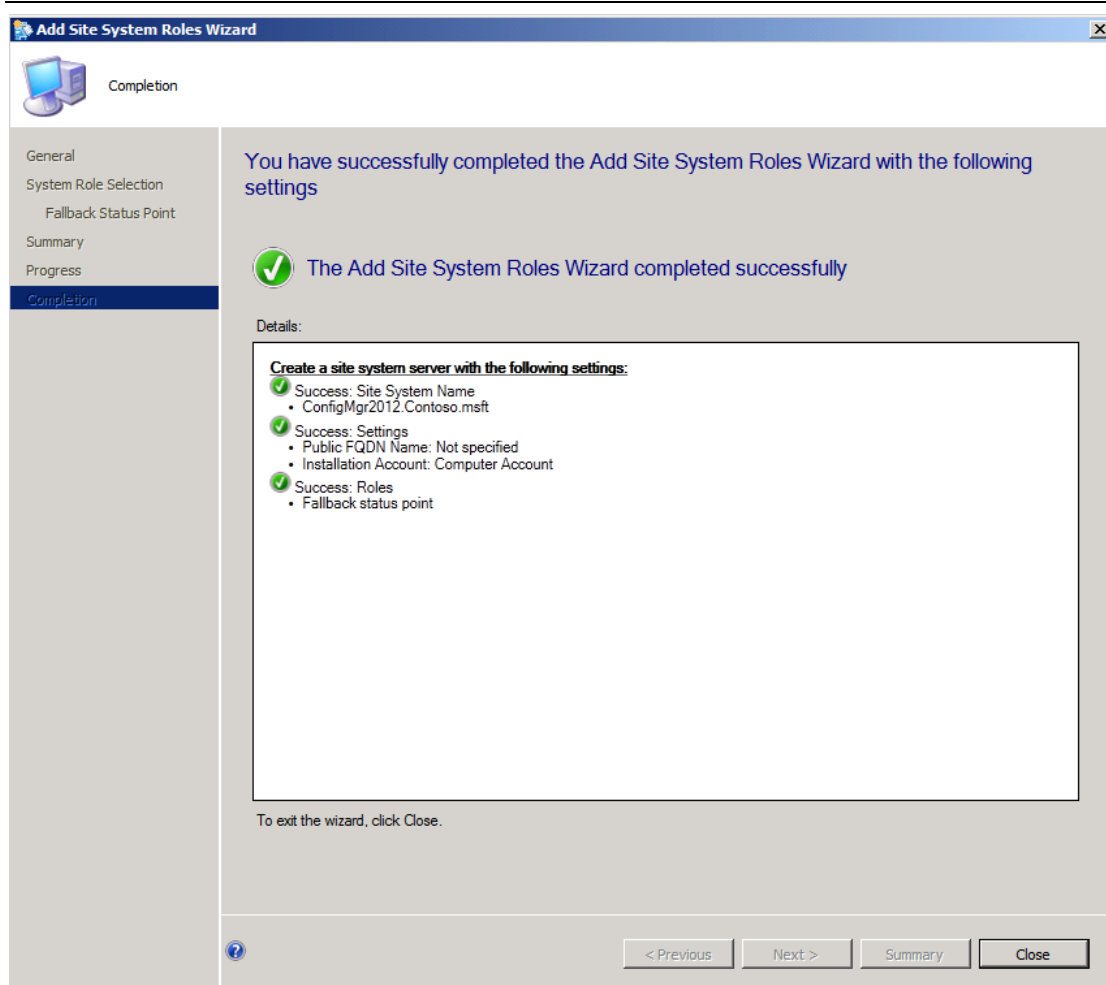
66) Click **Next** , into **Summary** page :



67) Click **Next** will into Progress page :

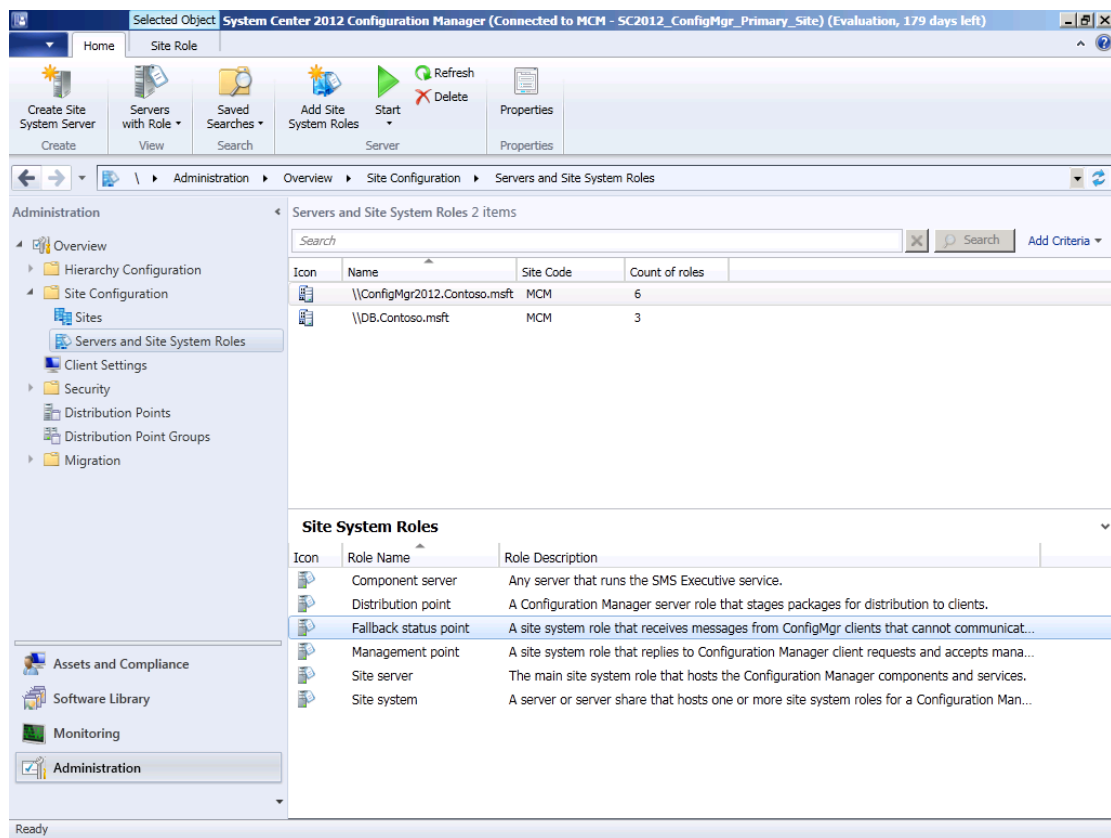


68) Will display **Completion** page :



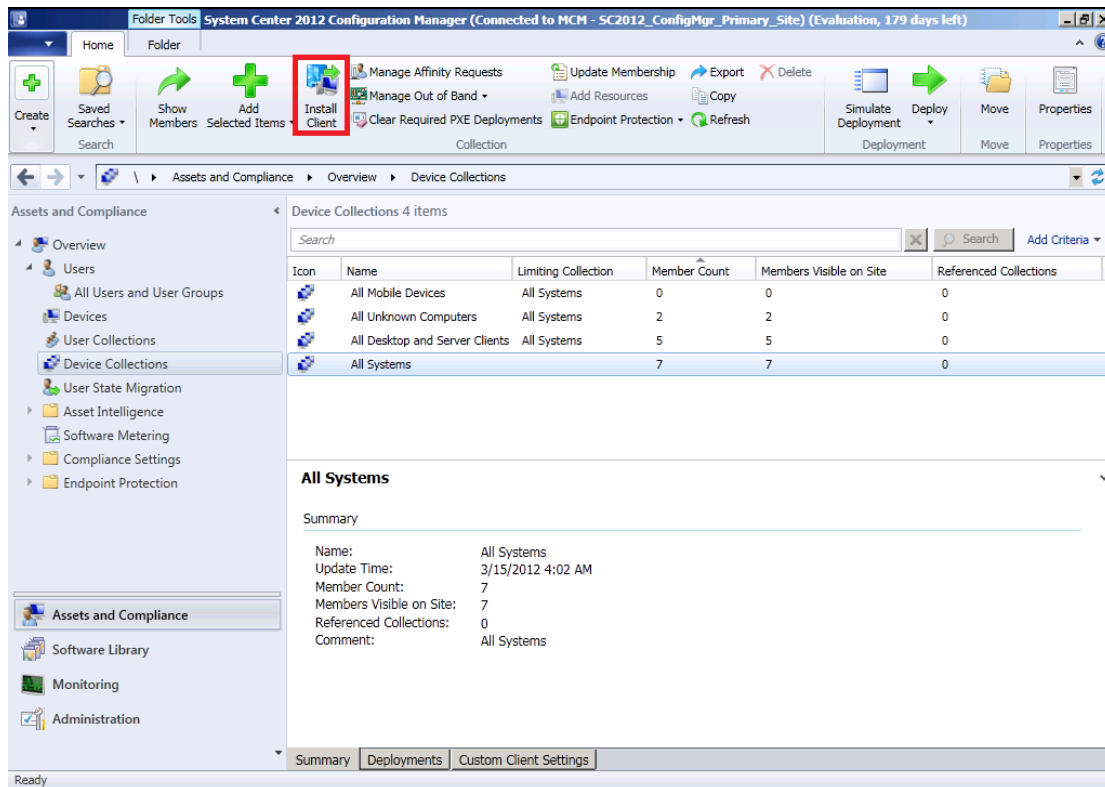
69) Click **Close** , you will see the new site system role already added :

System Center 2012 Configuration Manager RTM Configure Document

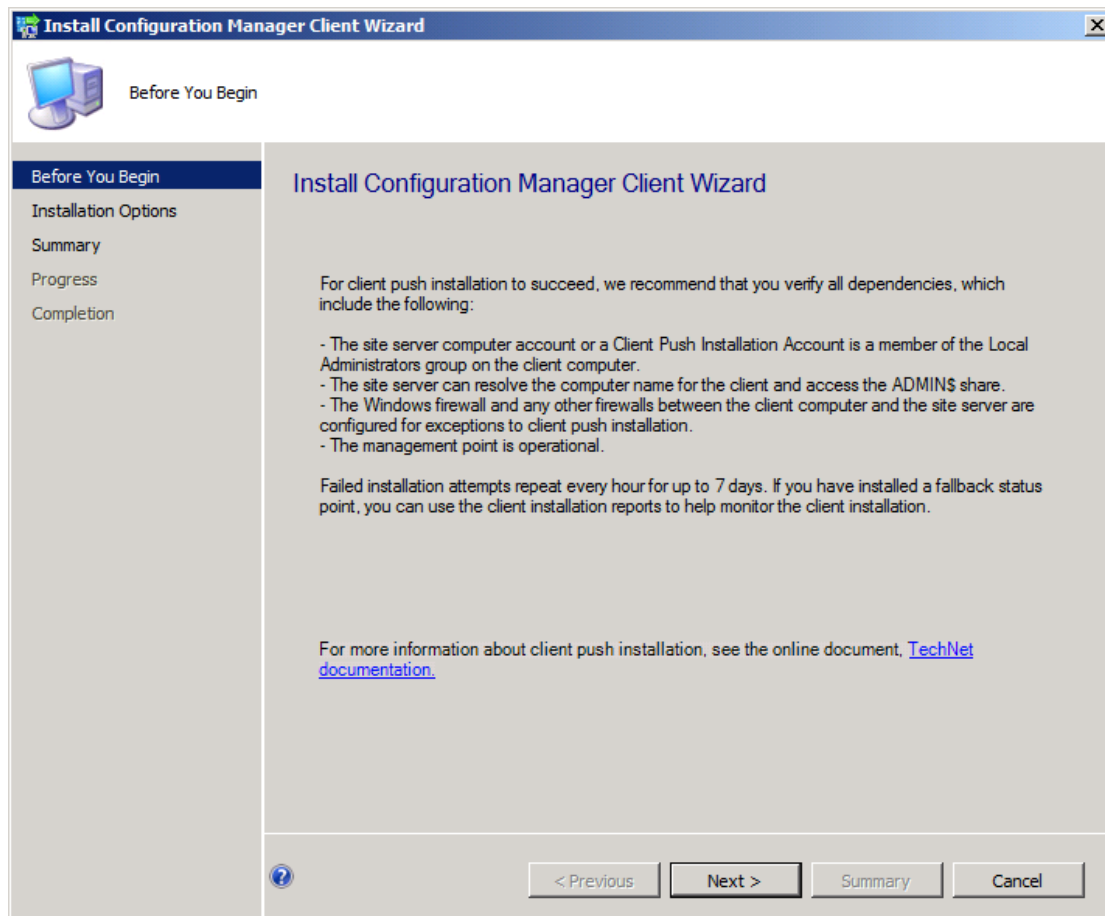


5. Installing SC2012 ConfigMgr RTM Client Agent :

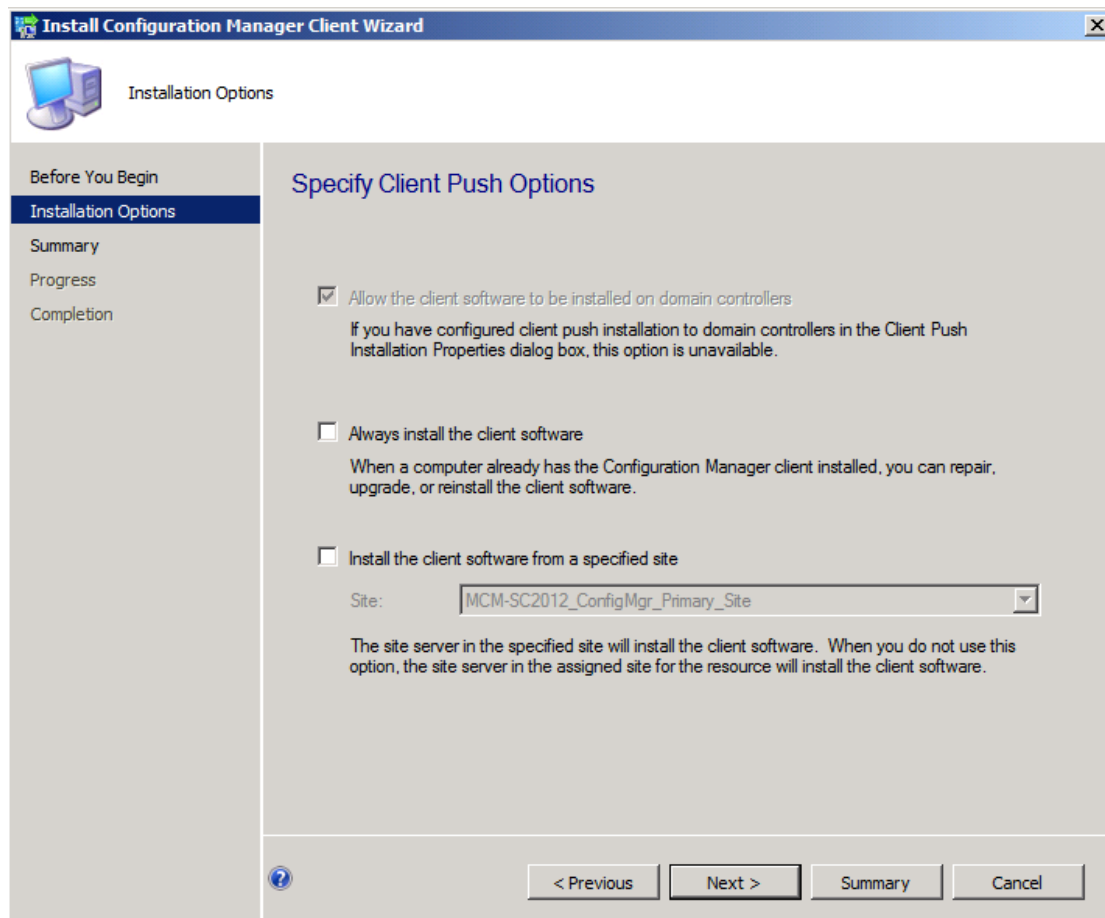
1) Logon to **ConfigMgr2012** server , Open **Configuration Manager Console**, into **Assets and Compliance** page , click **Device Collections** node , click **All Systems** collection , click **Install Client** option in Ribbon zone :



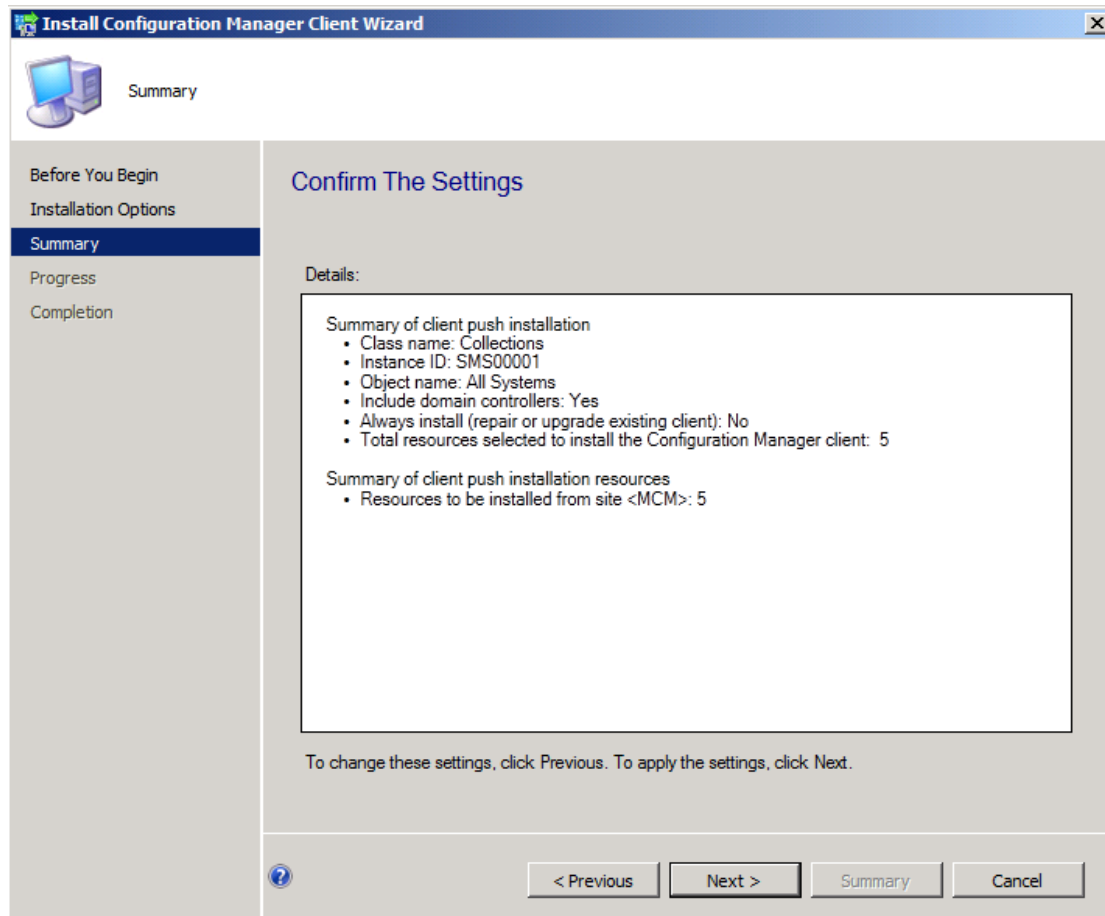
2) Will display **Install Configuration Manager Client Wizard** :



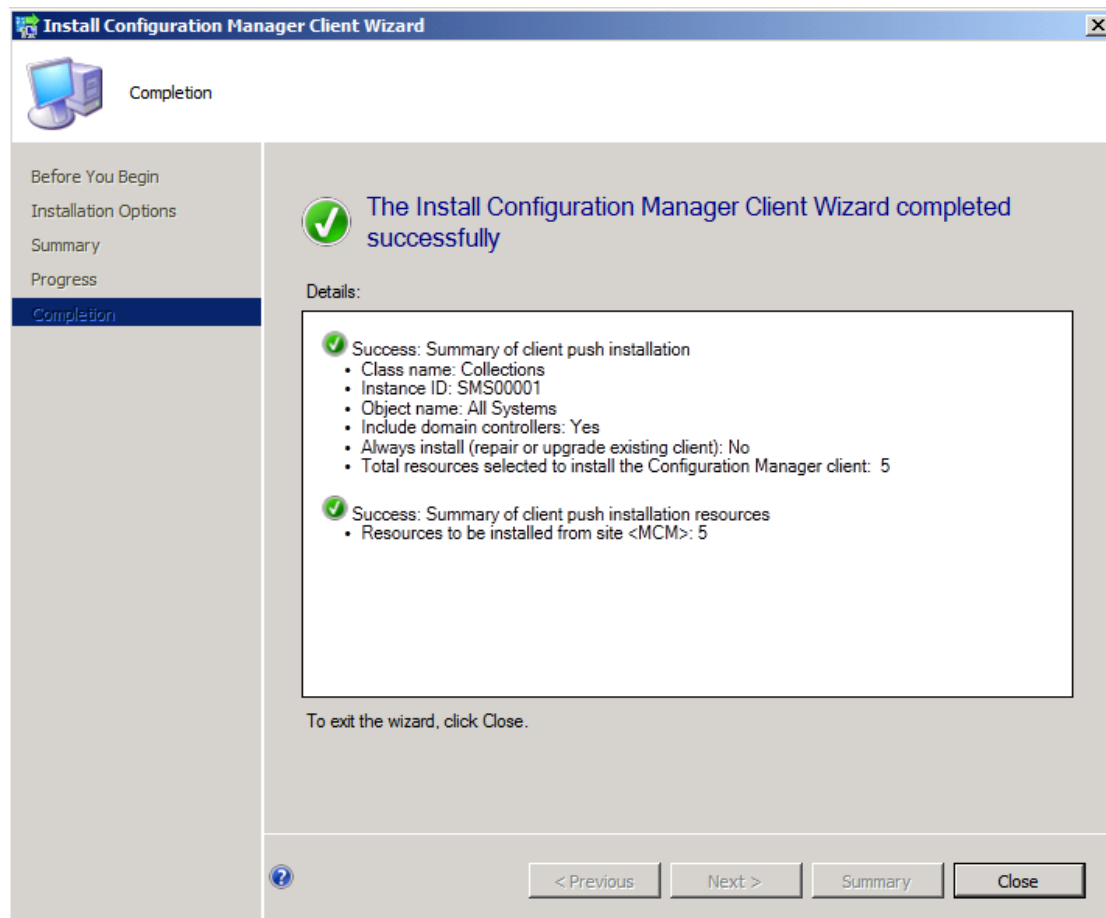
3) Click **Next** , into **Installation Options** page :



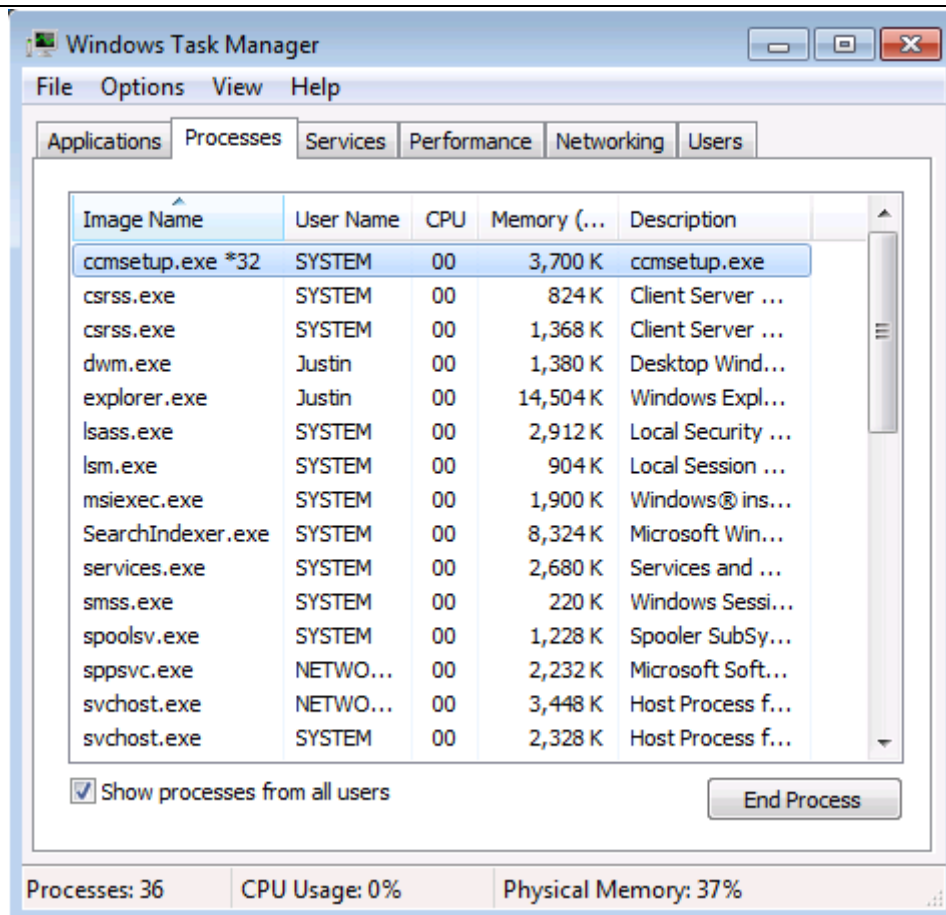
4) Select your needs option and click **Next** , will into **Summary** page :



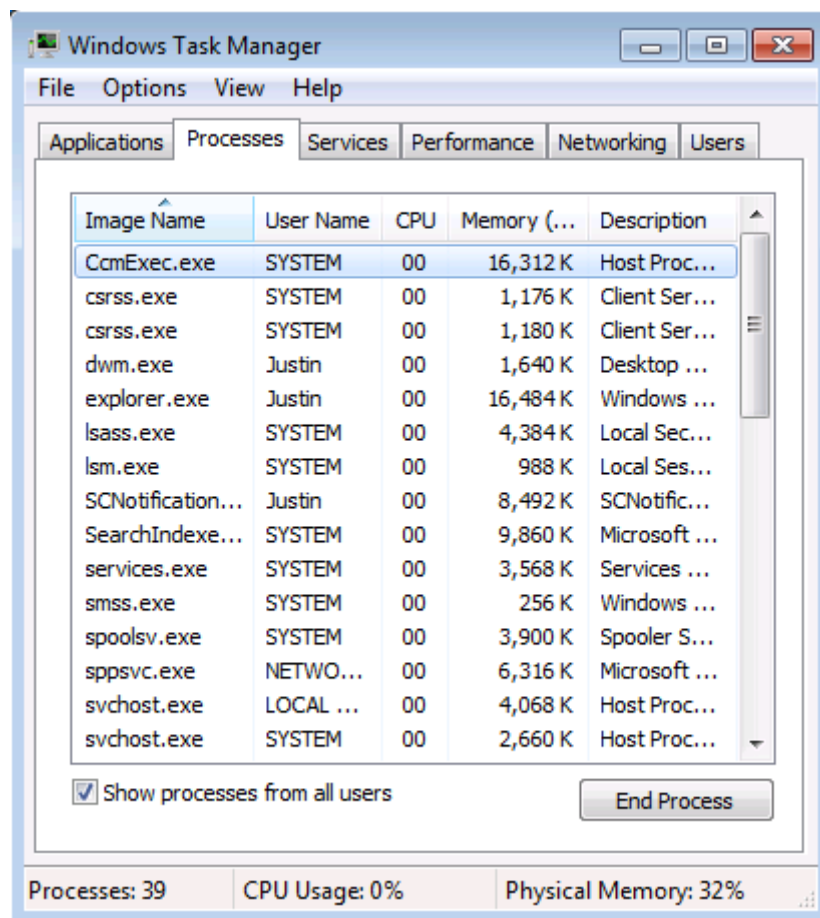
5) Click **Next** will into **Completion** page :



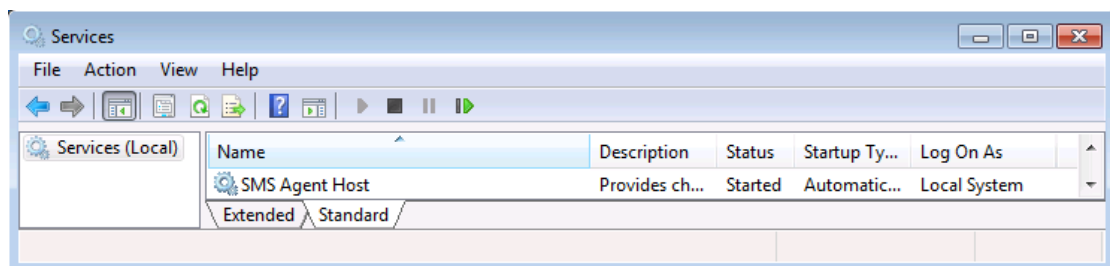
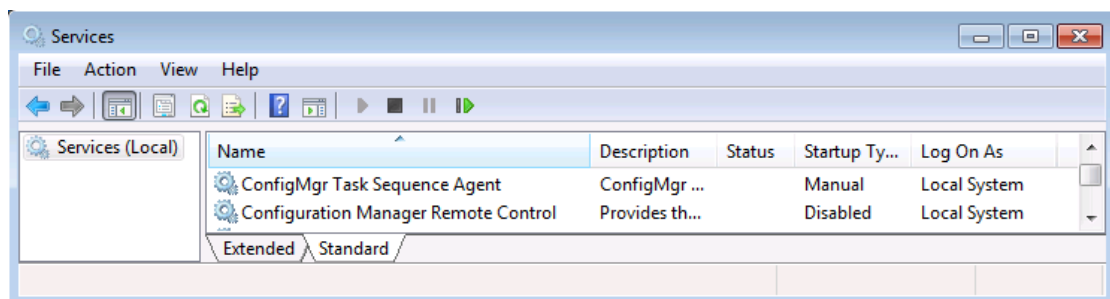
6) Click **Close** . Logon to **Client** computer , in **Task Manager** you can see installing client agent :



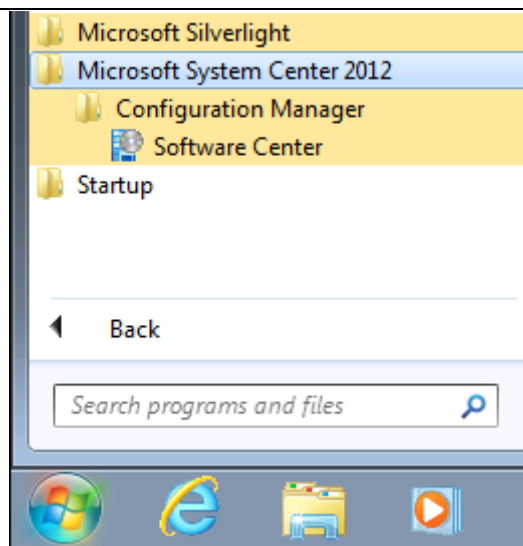
7) Please wait some minutes will display :



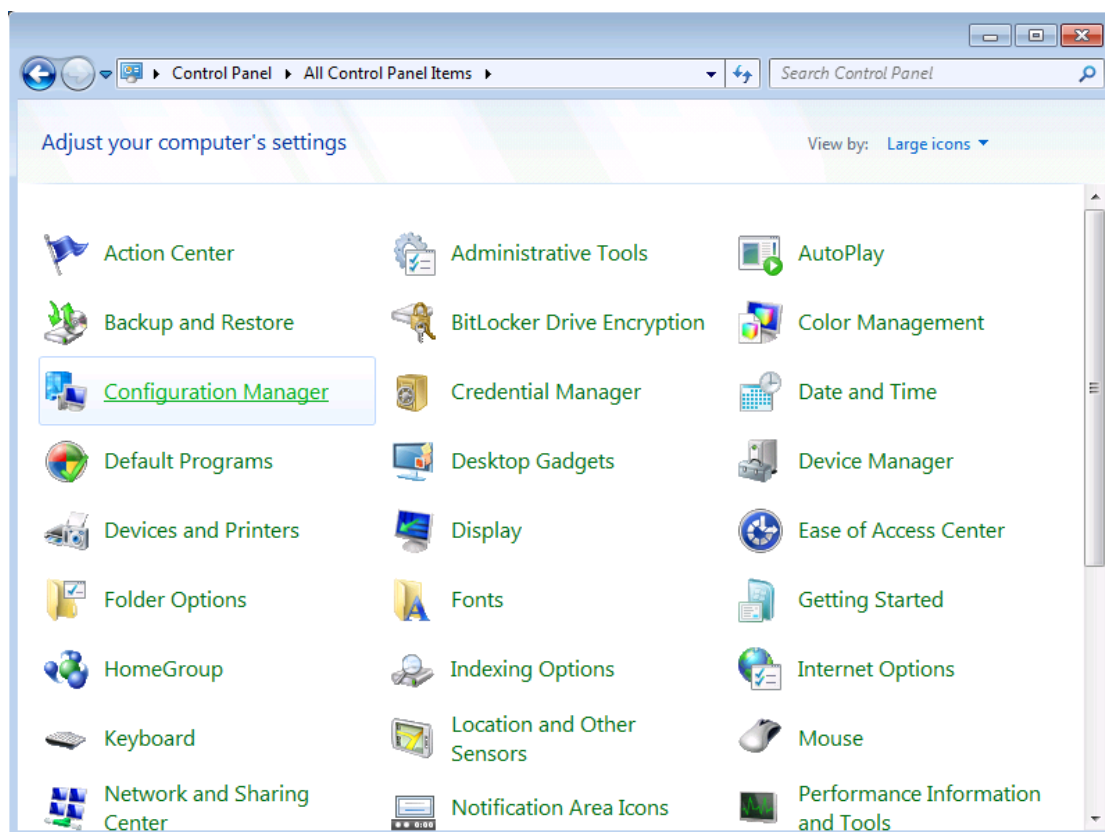
8) In **Services.msc** snap-in console , you can see relate services :



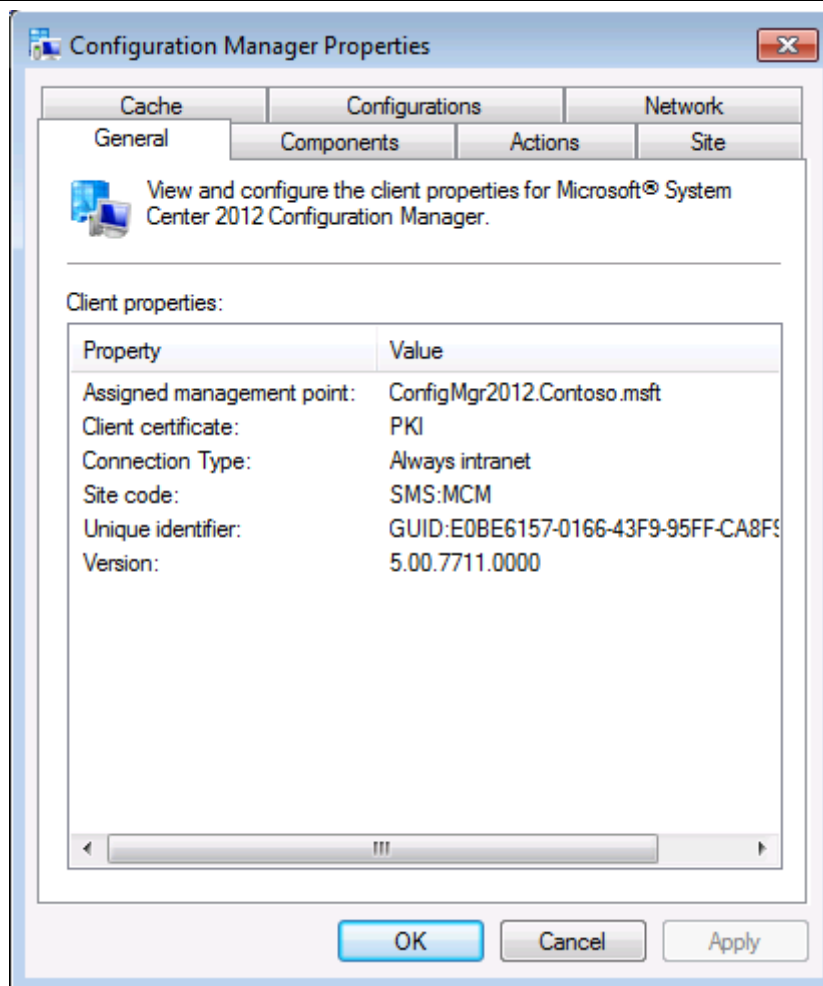
9) In **Windows Button** you can see **Software Center** and **Silverlight** :



10) In Control Panel , you can see **Configuration Manager** item :

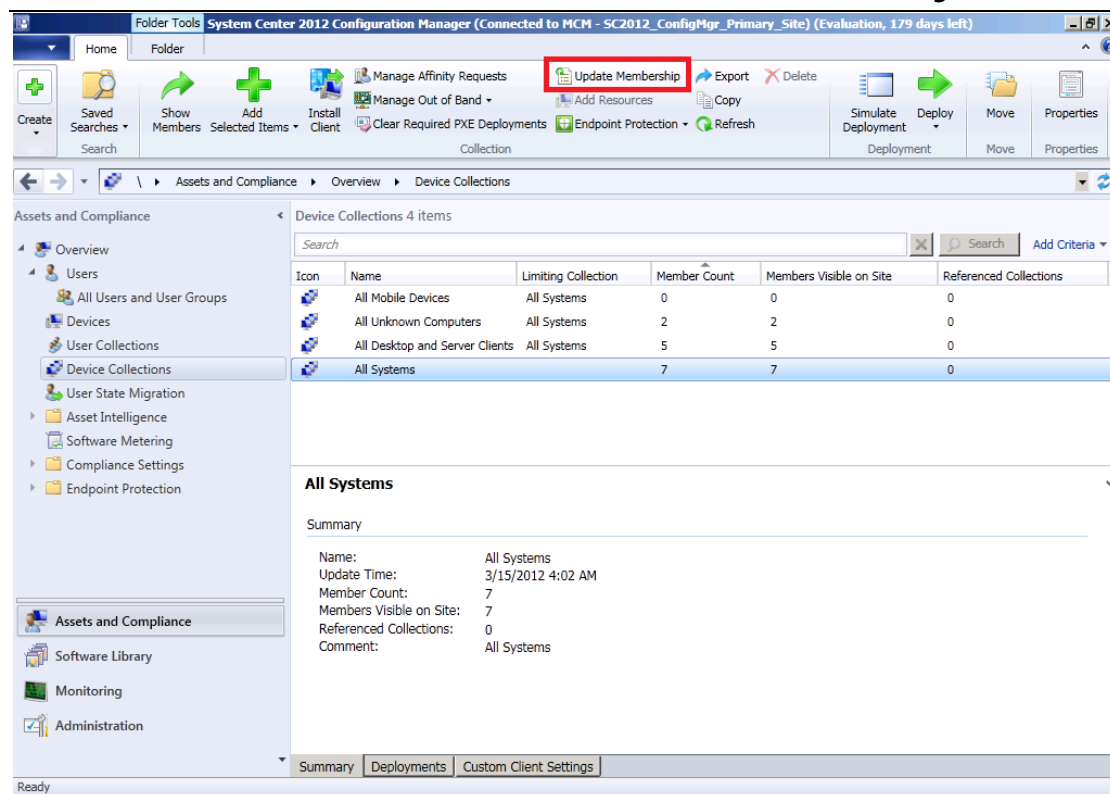


11) Double-click will display **Configuration Manager Properties** :

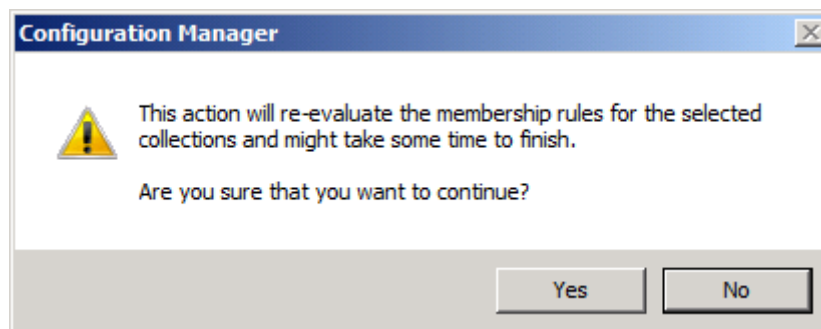


12) Click **OK** . Logon to **ConfigMgr2012** server , click **All Systems** collection ,
click **Update Membership** item in Ribbon zone :

**System Center 2012
Configuration Manager RTM
Configure Document**

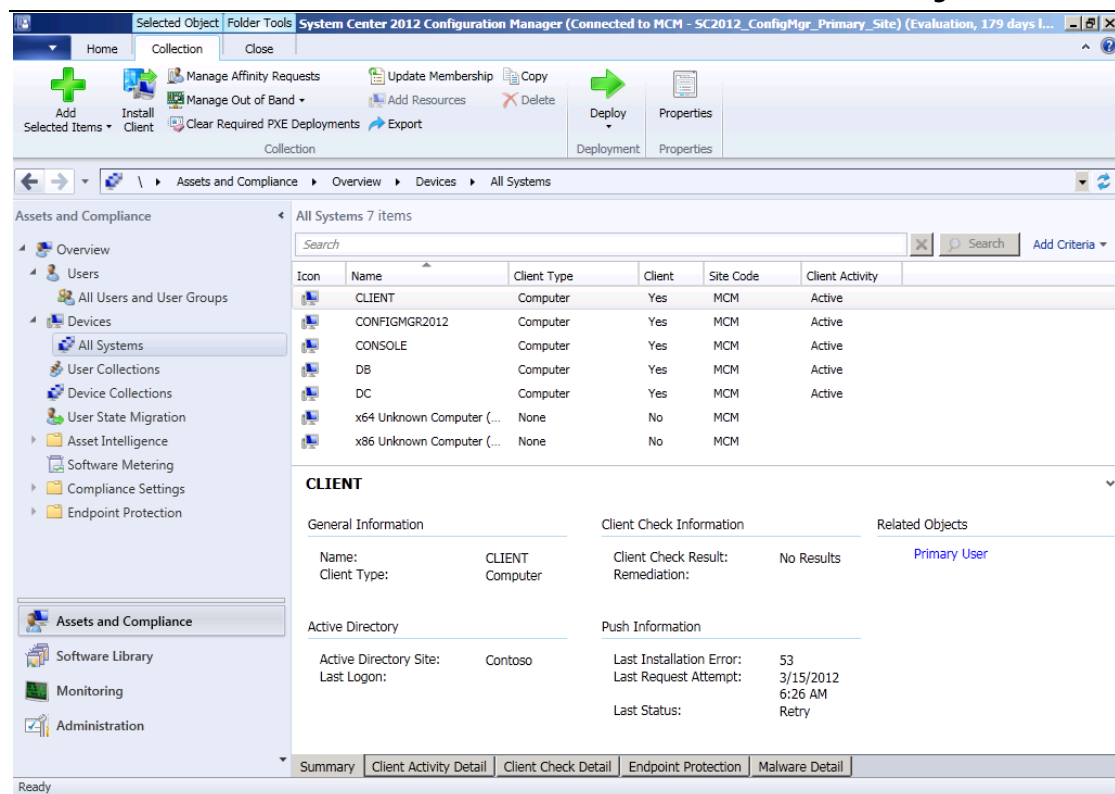


13) Will display a warning :

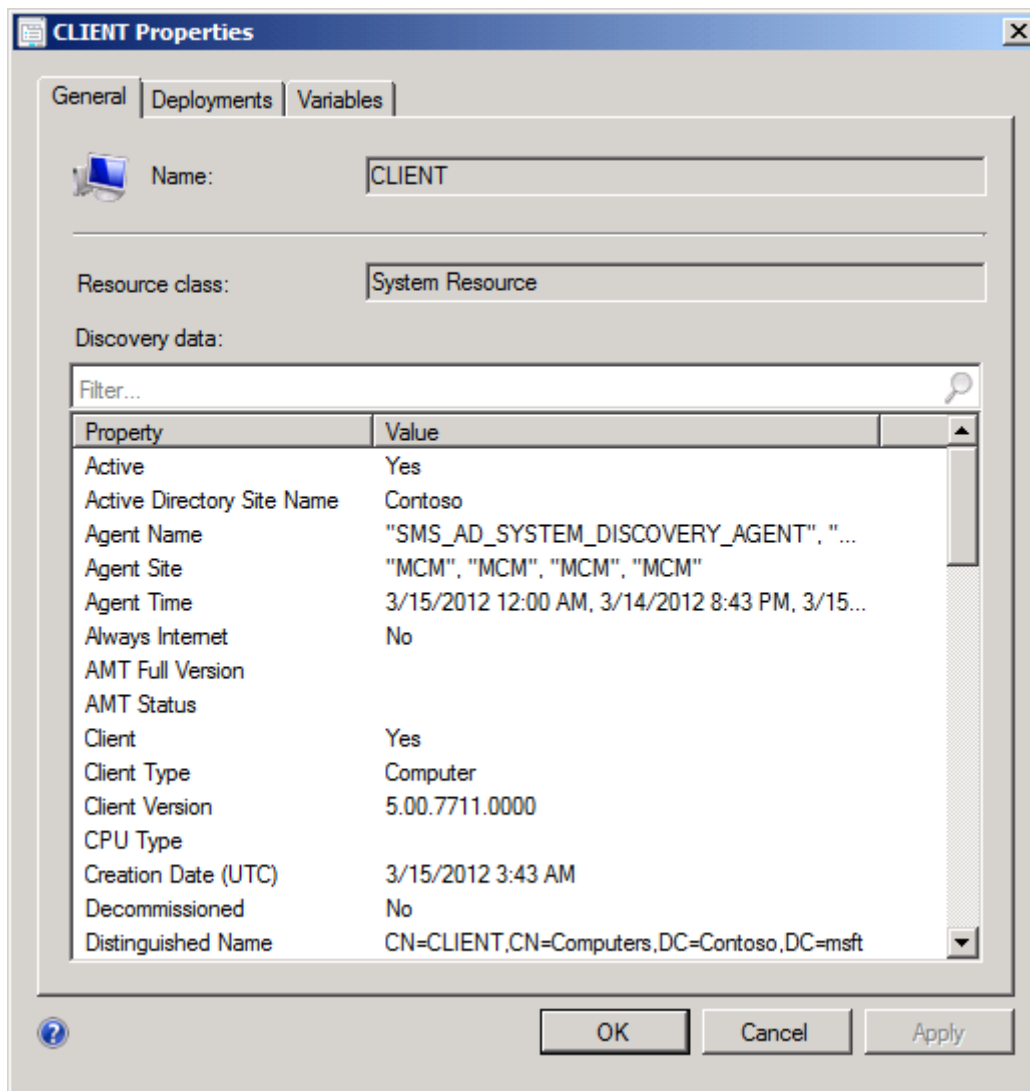


14) Click **Yes** and wait some minutes , you can see all client agent status :

System Center 2012 Configuration Manager RTM Configure Document



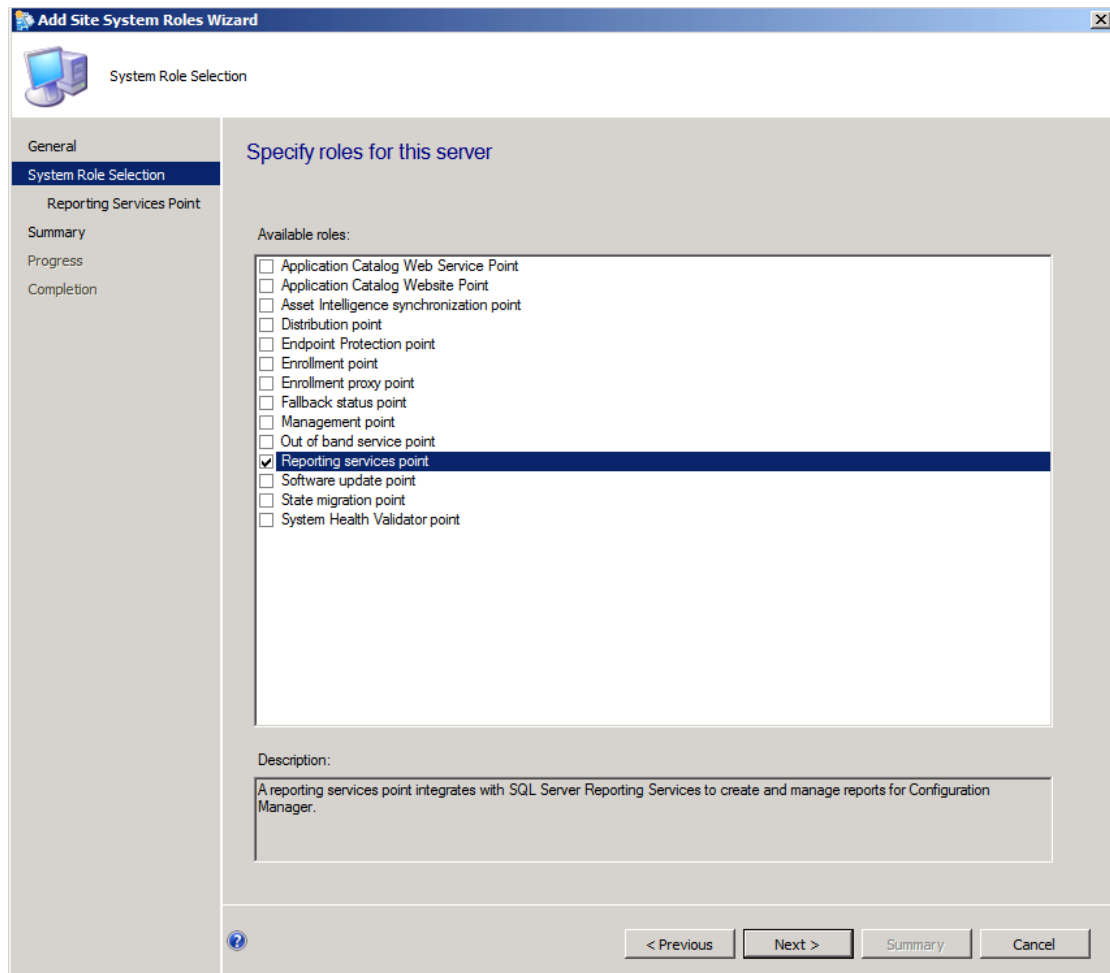
15) Double-click **CLIENT** item , will display **CLIENT Properties** box :



16) In here you can see more information about client. Click **OK** to close this properties.

6. Installing SC2012 ConfigMgr RTM Reporting :

1) Logon to **ConfigMgr2012** server ,open **Configuration Manager Console** ,
click **Administration** workspace , click **Servers and Site System Roles** node ,
right-click **\\DB.Contoso.msft** server and click **Add Site System Roles** , add
Reporting services point :



2) Click **Next** , will into **Reporting Services Point** page :

Add Site System Roles Wizard

Reporting Services Point

General
System Role Selection
Reporting Services Point
Summary
Progress
Completion

Specify Reporting Services settings

The reporting services point provides integration with SQL Server Reporting Services to create and manage reports for Configuration Manager.

Site database connection settings
Specify the Configuration Manager site database server name, optional database instance name, and database name which SQL Reporting Services will use when running reports.
Example: ServerName\InstanceName

Site database server name: DB.Contoso.msft
Database name: CM_MCM
Verify

Specify the folder to create on the reporting services point site system server that will contain the Configuration Manager reports.
Folder name: ConfigMgr_MCM

Reporting Services server instance: MSSQLSERVER

Reporting Services Point Account
Specify the credentials that SQL Reporting Services will use when connecting to the Configuration Manager site database.

User name:
Set...

< Previous Next > Summary Cancel

3) Click **Verify** , in **Reporting Services Point Account** box , click **Set...** select **Existing Account** or **New Account** item :

Add Site System Roles Wizard

Reporting Services Point

General
System Role Selection
Reporting Services Point
Summary
Progress
Completion

Specify Reporting Services settings

The reporting services point provides integration with SQL Server Reporting Services to create and manage reports for Configuration Manager.

Site database connection settings
Specify the Configuration Manager site database server name, optional database instance name, and database name which SQL Reporting Services will use when running reports.
Example: ServerName\InstanceName

Site database server name:
Database name:
 Successfully verified.

Specify the folder to create on the reporting services point site system server that will contain the Configuration Manager reports.

Folder name:

Reporting Services server instance:

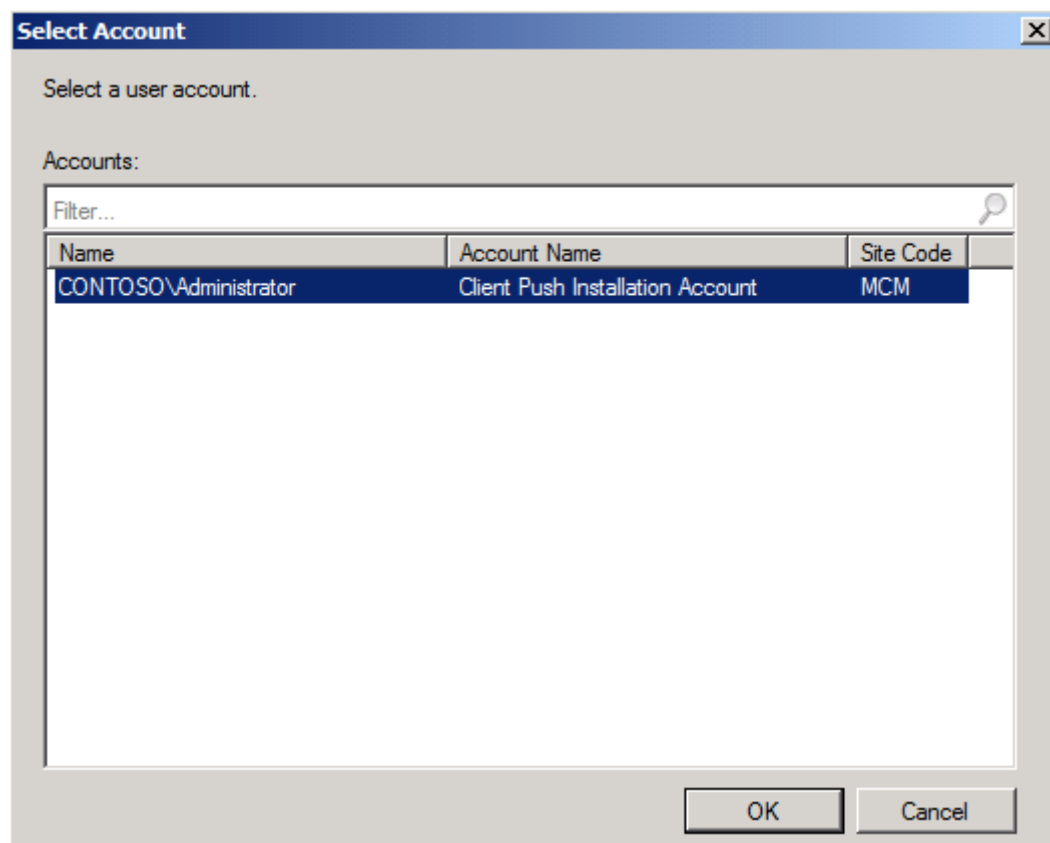
Reporting Services Point Account
Specify the credentials that SQL Reporting Services will use when connecting to the Configuration Manager site database.

User name:

Existing Account
New Account

< Previous Next > Summary Cancel

4) If you select **Existing Account**, you can see **Select Account** box :



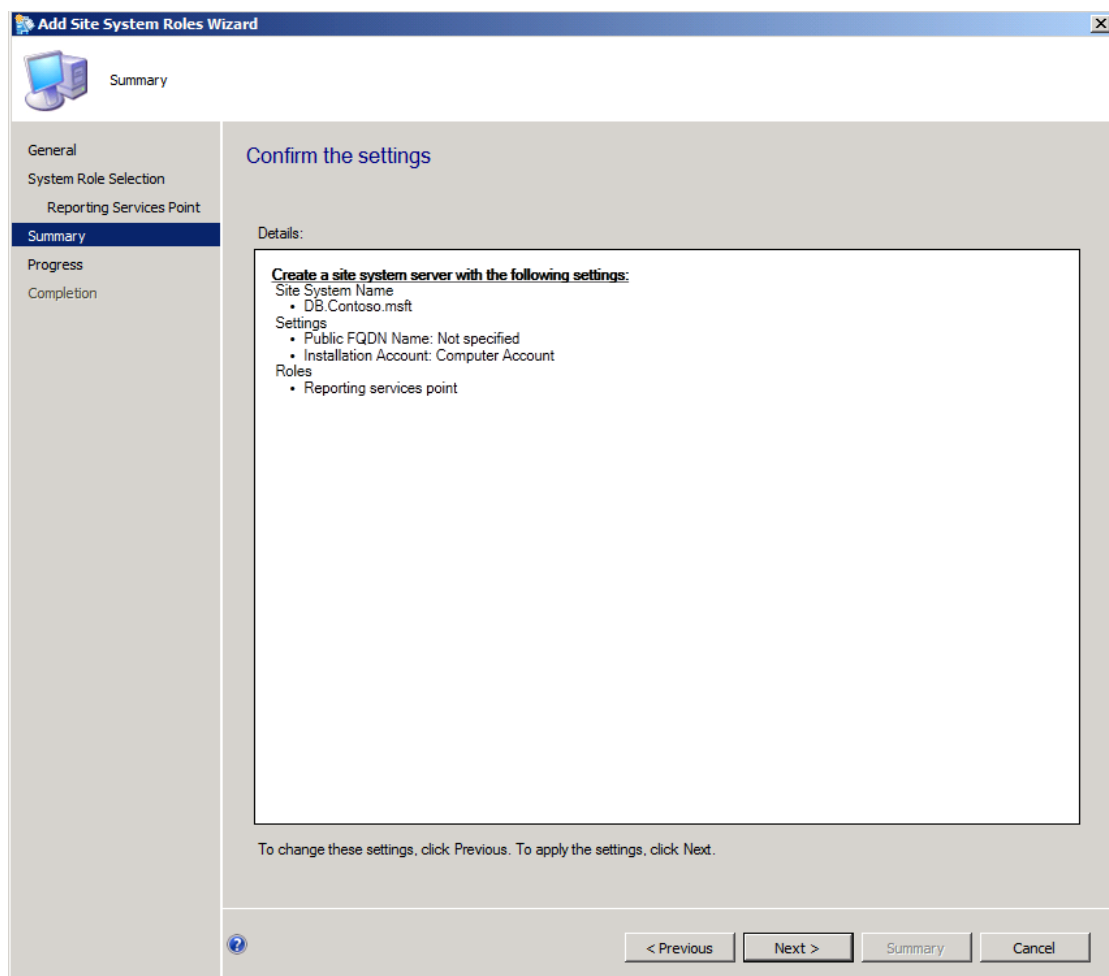
5) Click this account and click **OK** , will back to **Reporting Services Point**
page :

The screenshot shows the 'Add Site System Roles Wizard' window, specifically the 'Reporting Services Point' step. The window has a title bar with the text 'Add Site System Roles Wizard' and a close button. On the left, there is a navigation pane with the following items: 'General', 'System Role Selection', 'Reporting Services Point' (which is highlighted), 'Summary', 'Progress', and 'Completion'. The main area of the window is titled 'Specify Reporting Services settings'. It contains the following sections:

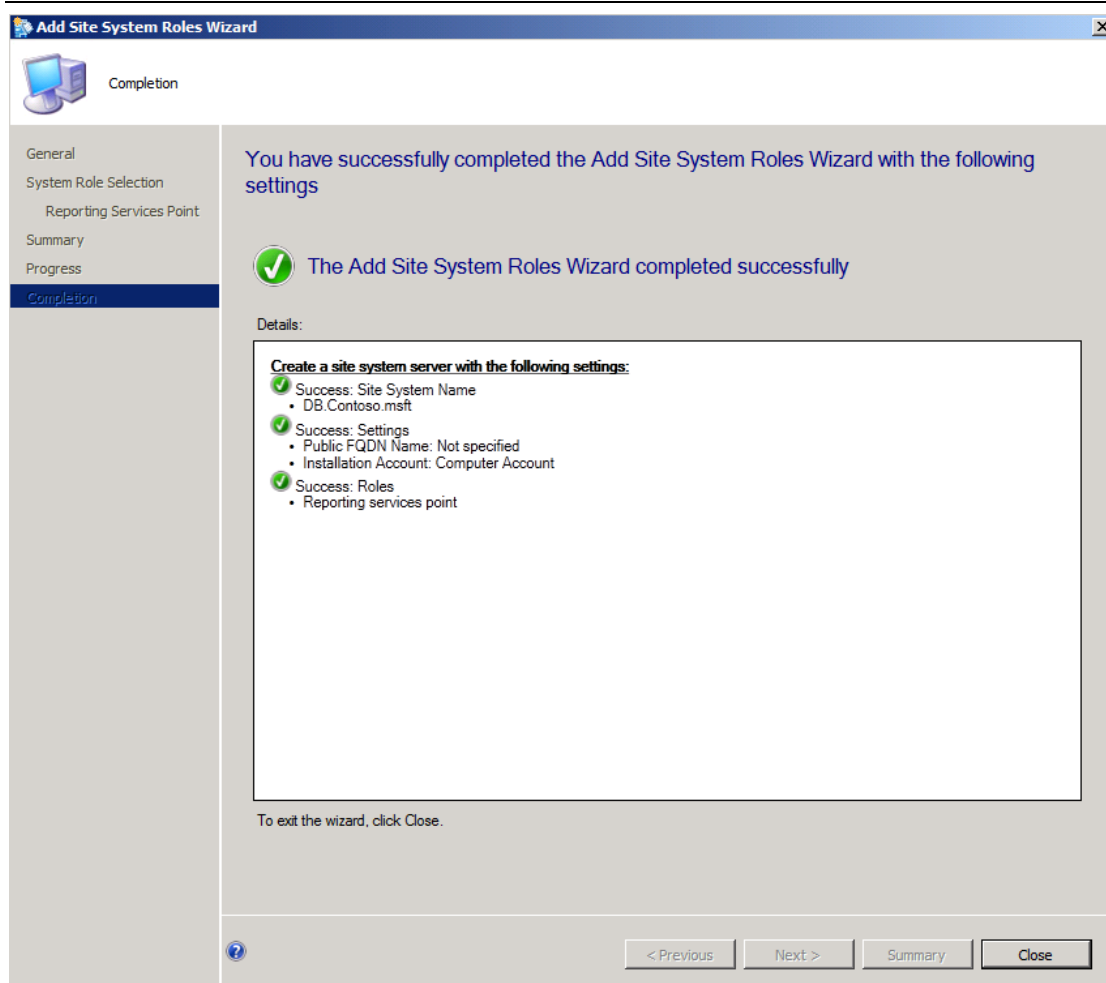
- Site database connection settings**: This section explains that the reporting services point provides integration with SQL Server Reporting Services to create and manage reports for Configuration Manager. It asks the user to specify the Configuration Manager site database server name, optional database instance name, and database name which SQL Reporting Services will use when running reports. An example is provided: 'Example: ServerName\InstanceName'. There are two text input fields: 'Site database server name:' with the value 'DB.Contoso.msft' and 'Database name:' with the value 'CM_MCM'. Below these fields is a 'Verify' button, and to its right, the text 'Successfully verified.' is displayed.
- Folder name**: This section asks the user to specify the folder to create on the reporting services point site system server that will contain the Configuration Manager reports. There is a text input field with the value 'ConfigMgr_MCM'.
- Reporting Services server instance**: This section has a dropdown menu with the value 'MSSQLSERVER'.
- Reporting Services Point Account**: This section explains that the user should specify the credentials that SQL Reporting Services will use when connecting to the Configuration Manager site database. There is a text input field for 'User name:' with the value 'CONTOSO\Administrator'. To the right of this field is a 'Set...' button with a dropdown arrow.

At the bottom of the window, there is a status bar with a help icon (question mark) and four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

6) Click **Next** , will into **Summary** page :

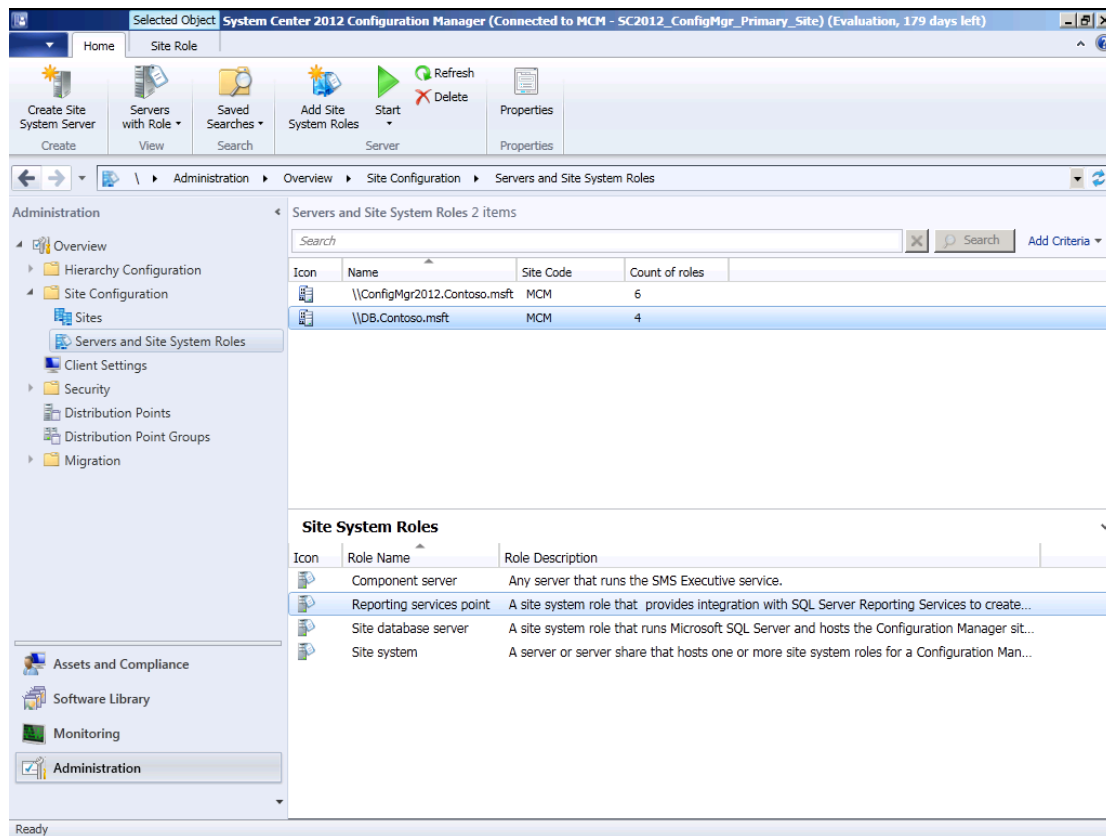


7) Click **Next** , will into **Completion** page :



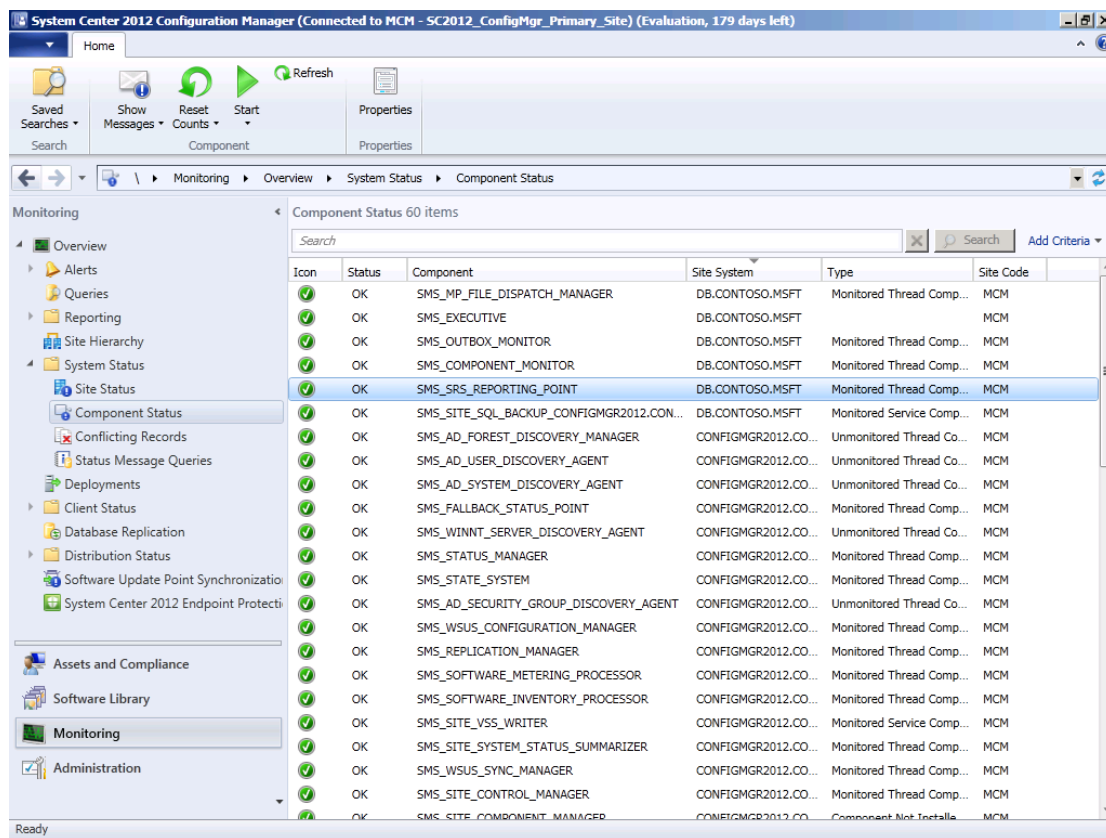
8) Click **Close** , you will see the new added role :

**System Center 2012
Configuration Manager RTM
Configure Document**



9) Click **Monitoring** workspace , in **Component Status** node , you can see all status , should be Green **OK** :

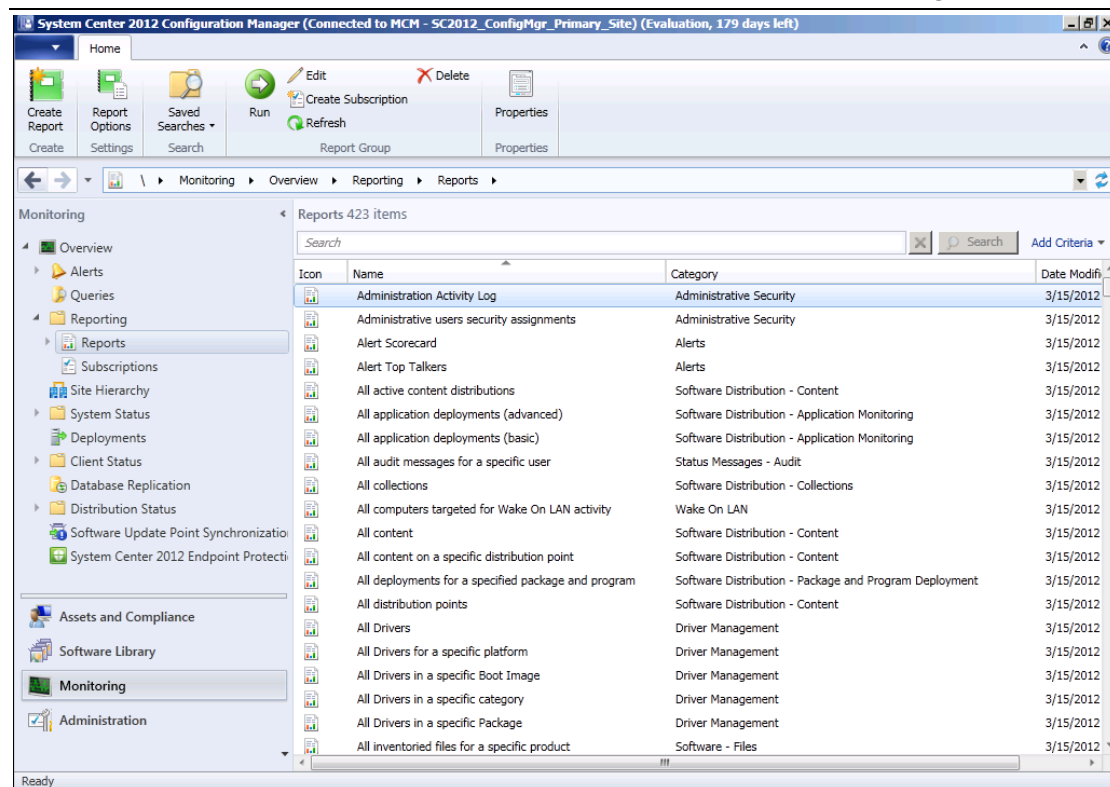
System Center 2012 Configuration Manager RTM Configure Document



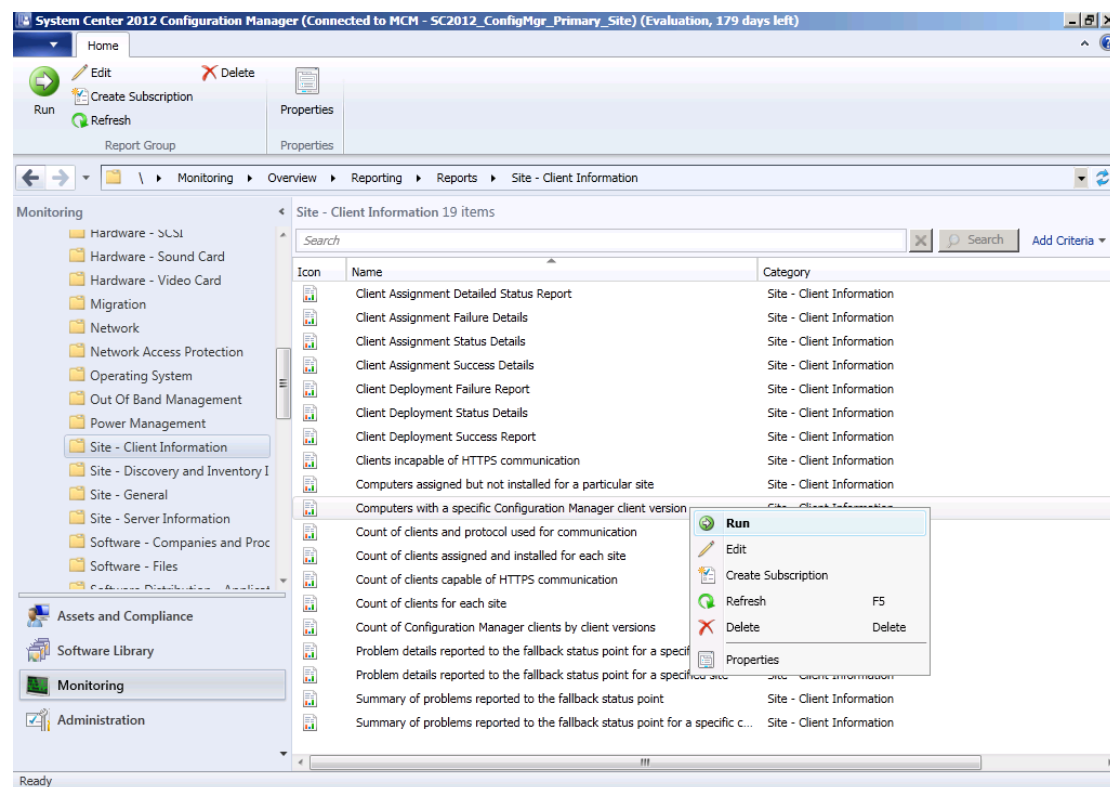
Note : For successfully install **Reporting Services point** on **DB server** , you need to install **.Net framework 4.0** first.

10) Click Reports node , you can see all reports :

System Center 2012 Configuration Manager RTM Configure Document



11) Right-click **Computers with a specific Configuration Manager client versions** report and click **Run** :



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http://blogs.technet.com/b/justin_gao

12) Will display :

The screenshot shows a window titled "Computers with a specific Configuration Manager client version". Inside the window, there is a section for report configuration with the following details:

- Report Category: Site - Client Information
- Report Name: Computers with a specific Configuration Manager client version
- Report Description: Displays a list of computers running a single specified version of the Configuration Manager client software.

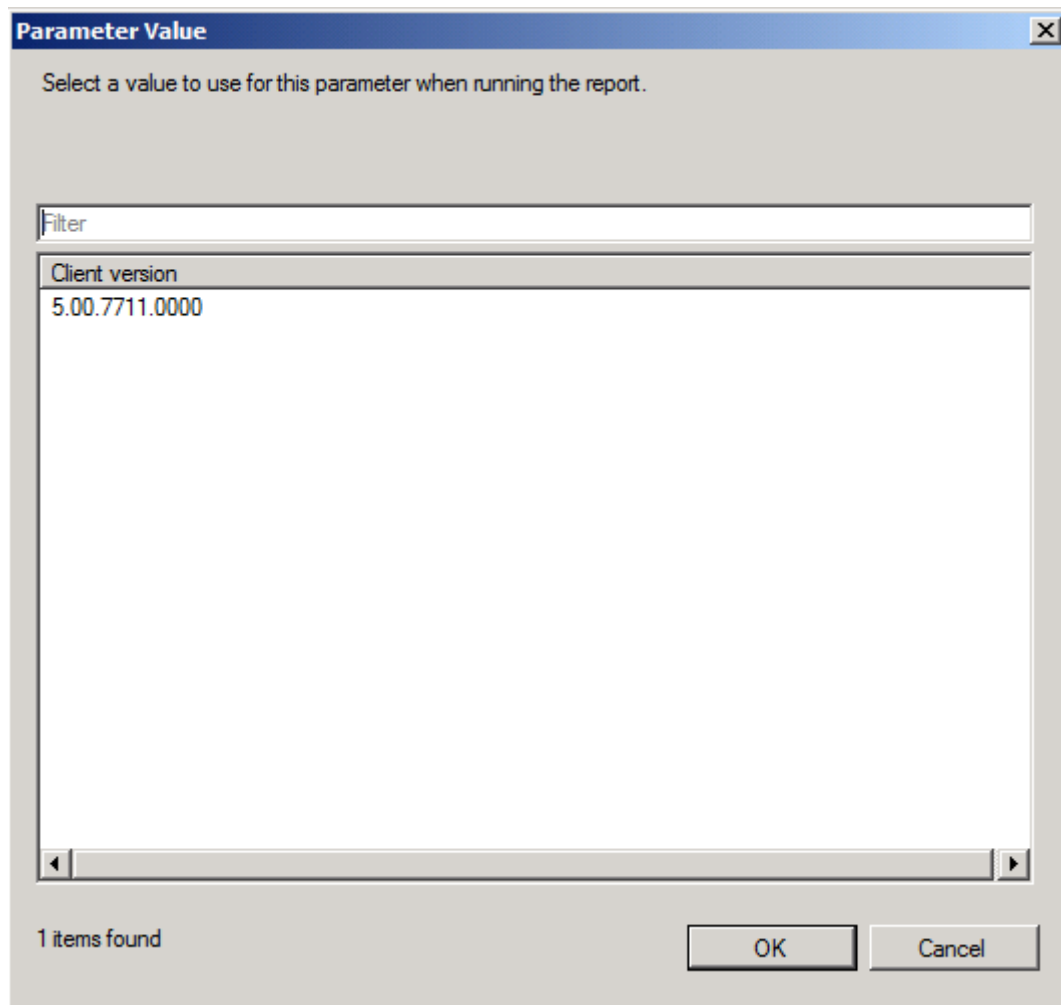
Below the description, there are two input fields:

- Client version: [Empty text box] with a "Values..." link and a red warning icon.
- Client type (1 = Computer; 3 = Mobile): [All clients] with a "Values..." link.

A "< Back" button is located to the left of the Client type field. A "View Report" button is located to the right of the Client version field.

At the bottom of the window, there is a toolbar with navigation icons (back, forward, search, etc.), a "Find" and "Next" button, and a "100%" zoom level indicator.

13) Click **Client Version Values...** item , will open **Parameter Value** box :



14) Select any client version and click **OK** will back to selection page :

Computers with a specific Configuration Manager client version

To view the report, provide values for the parameters below, then click View Report.

Report Category
Site - Client Information

Report Name
Computers with a specific Configuration Manager client version

Report Description
Displays a list of computers running a single specified version of the Configuration Manager client software.

Client version: 5.00.7711.0000 [Values...](#)

Client type (1 = Computer; 3 = Mobile): All clients [Values...](#)

< Back [View Report](#)

of 100% Find | Next

15) Click **View Report** will display all result :

**System Center 2012
Configuration Manager RTM
Configure Document**

Computers with a specific Configuration Manager client version

To view the report, provide values for the parameters below, then click View Report.

Report Category
Site - Client Information
Report Name
Computers with a specific Configuration Manager client version
Report Description
Displays a list of computers running a single specified version of the Configuration Manager client software.

Client version:
[Values...](#)

Client type (1 = Computer; 3 = Mobile):
[Values...](#)

1 of 1
100%
Find | Next

Microsoft
System Center 2012
Configuration Manager

Computers with a specific Configuration Manager client version

☐ Description
Displays a list of computers running a single specified version of the Configuration Manager client software.

NetBIOS Name	User Domain	User Name	Client Version
CLIENT	CONTOSO	Justin	5.00.7711.0000
CONFIGMGR2012	CONTOSO	Administrator	5.00.7711.0000
CONSOLE	CONTOSO	Administrator	5.00.7711.0000
DB	CONTOSO	Administrator	5.00.7711.0000
DC	CONTOSO	Administrator	5.00.7711.0000

16) Now you are finished **System Center 2012 Configuration Manager RTM** basic configuration .