

# Microsoft System Center 2012 Configuration Manager RTM Application Management Document

Mar.18 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 :

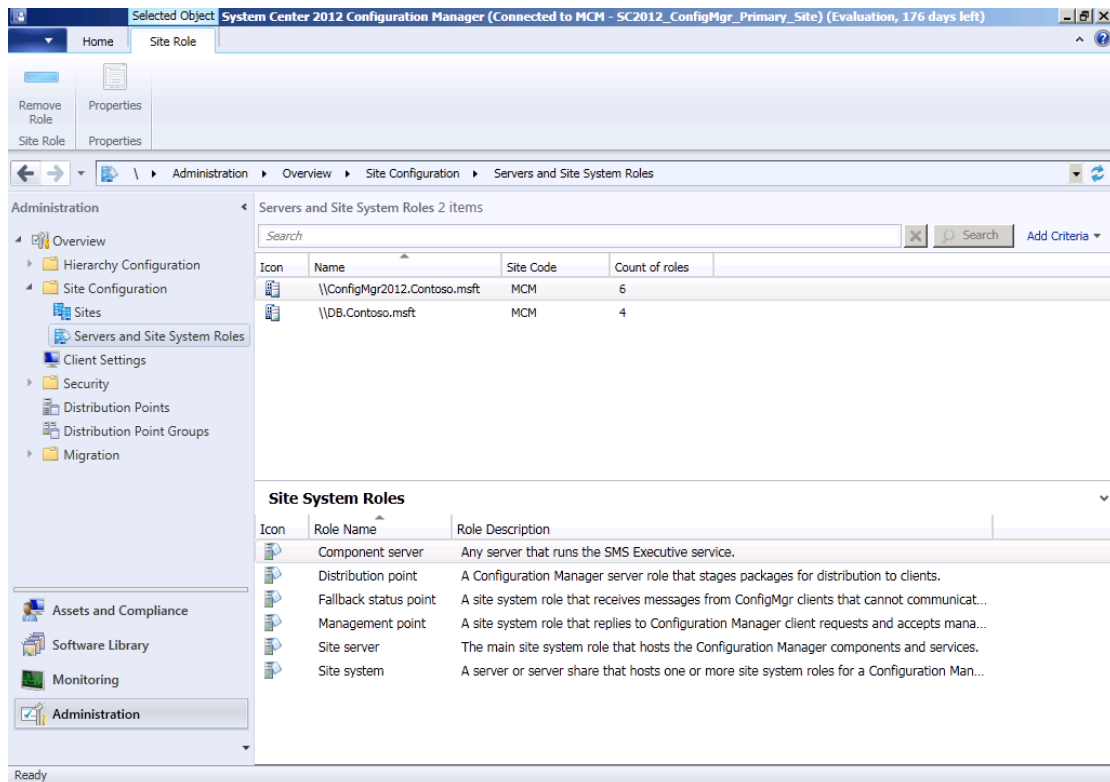
- 1) Logon to **DC** server , installing **ADDS** and **ADCS** . Domain name is **Contoso.msft** . Active Directory forest functional level is **Windows Server 2008 R2**.  
  
This process is no longer described in this part.

### **3. Deploy and Configure 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.
- 3) SC2012 ConfigMgr RTM need to configuration , about this part , you can reference 《 **System Center 2012 Configuration Manager RTM Configure Document**》

## 4. Enable SC2012 ConfigMgr RTM System Role :

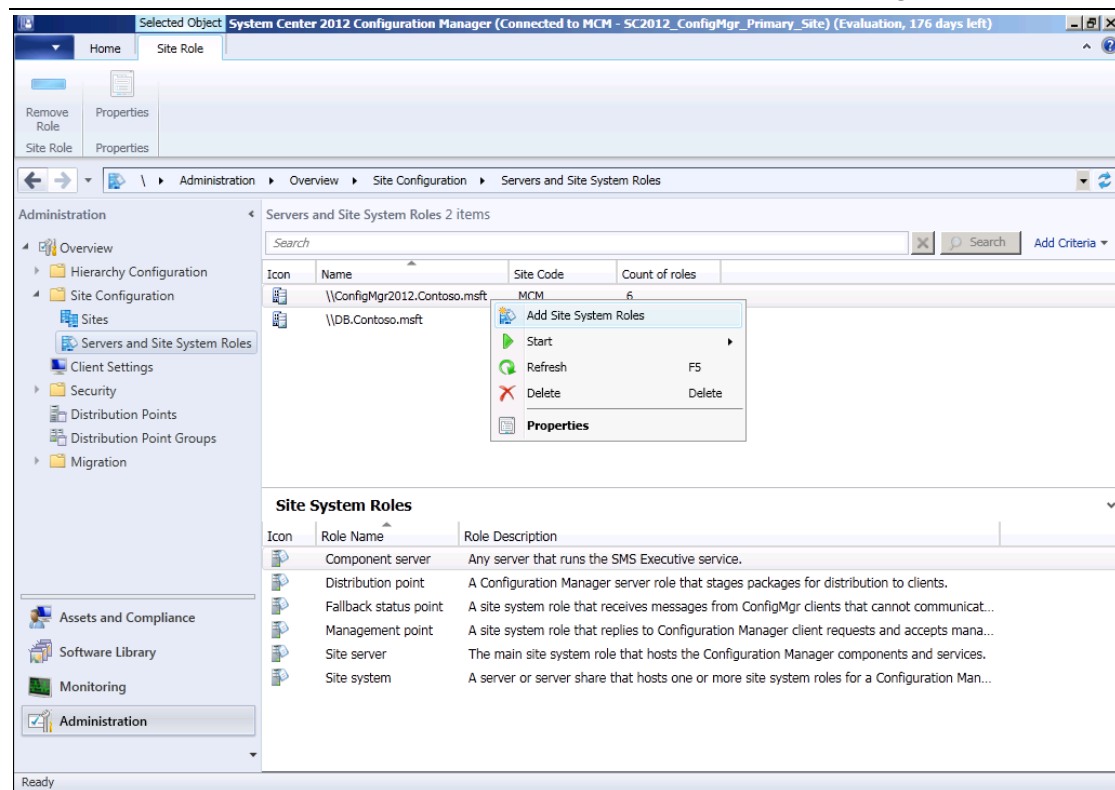
1) Logon to **ConfigMgr2012** server , click **Configuration Manager Console** shortcut , into **Administration** workspace , click **Servers and Site System Roles** node , you can see two site servers :



2) Right-click site system that you will enable system role , select **Add Site**

**System Roles :**

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3) The **Add Site System Roles Wizard** will opening :

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**Add Site System Roles Wizard**

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: internetrv2.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.

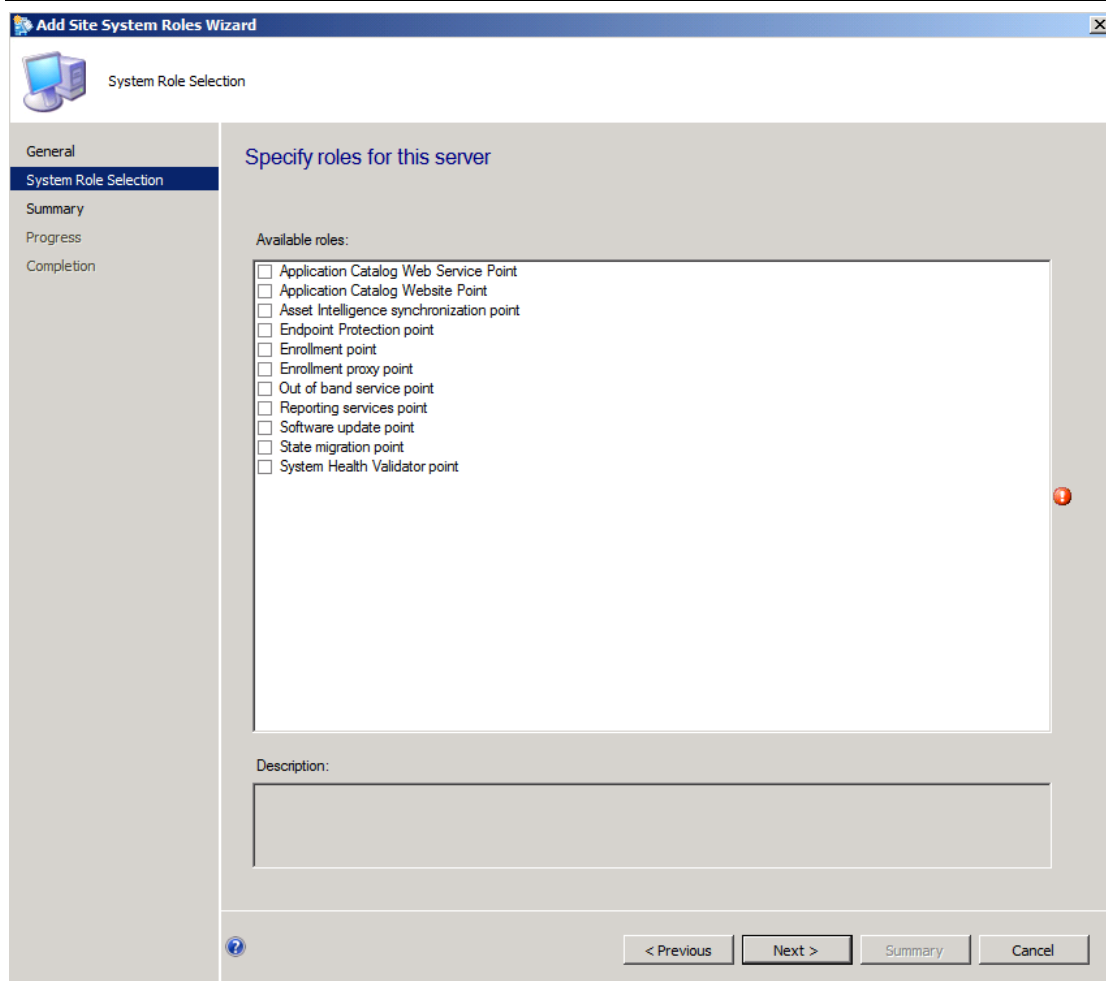
Site System Installation Account  
☒ Use the site server's computer account to install this site system  
☐ Use another account for installing this site system

Active Directory membership  
Active Directory forest: Contoso.msft  
Active Directory domain: Contoso.msft

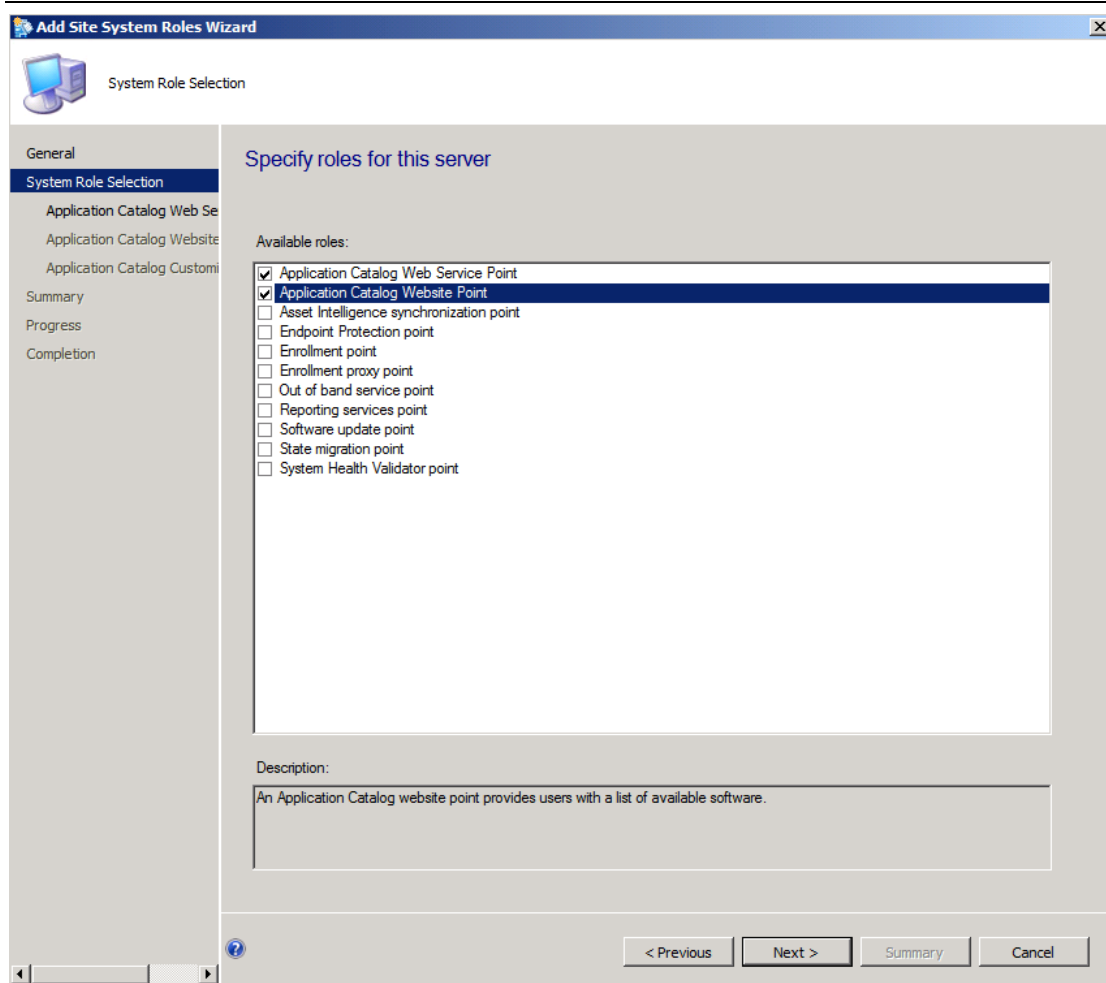
< Previous Next > Summary Cancel

4) Click **Next** , will into **System Role Selection** page :





5) In **Available roles** list , select **Application Catalog Web Service Point** and **Application Catalog Website Point** :



6) Click **Next** , into **Application Catalog Web Service Point** page :

**Add Site System Roles Wizard**

Application Catalog Web Service Point

General  
System Role Selection  
**Application Catalog Web Service Point**  
Application Catalog Website  
Application Catalog Customization  
Summary  
Progress  
Completion

**Specify settings for the Application Catalog web service point**

An Application Catalog web service point provides software information from the Software Library to the Application Catalog website.

IIS website: Default Web Site

Web application name: CMApplicationCatalogSvc

Specify how Application Catalog websites communicate with this Application Catalog web service point.

☒ HTTP  
Port number: 80

☐ HTTPS  
Port number: 443

< Previous   Next >   Summary   Cancel

7) In this page , you can choose your required option :

**Add Site System Roles Wizard**

Application Catalog Web Service Point

General  
System Role Selection  
**Application Catalog Web Service Point**  
Application Catalog Website  
Application Catalog Customization  
Summary  
Progress  
Completion

**Specify settings for the Application Catalog web service point**

An Application Catalog web service point provides software information from the Software Library to the Application Catalog website.

IIS website: Default Web Site

Web application name: CMApplicationCatalogSvc

Specify how Application Catalog websites communicate with this Application Catalog web service point.

☐ HTTP  
Port number: 80

☒ HTTPS  
Port number: 443

< Previous Next > Summary Cancel

8) Click **Next** , into **Application Catalog Website Point** page :

The screenshot shows the 'Add Site System Roles Wizard' window, specifically the 'Application Catalog Website Point' step. The left-hand navigation pane lists the following steps: General, System Role Selection, Application Catalog Web Service, Application Catalog Website Point (which is currently selected and highlighted in blue), Application Catalog Customizations, Summary, Progress, and Completion. The main content area is titled 'Specify settings to configure IIS for this Application Catalog website point.' and contains the following configuration options:

- Select the site system server that is configured for the Application Catalog web service point.**  
Site system server: ConfigMgr2012.Contoso.msft (dropdown menu)
- Specify the settings for the IIS website. The website must already exist on this server.**  
IIS website: Default Web Site (text box)  
Web application name: CMAApplicationCatalog (text box)
- Client connections**  
Specify the NetBIOS name used in the Application Catalog URL for client computers on the intranet.  
NetBIOS name: ConfigMgr2012 (text box)  
Allowed connections:
  - ☐ HTTP  
Port number: 80 (spin box)
  - ☒ HTTPS (Recommended)  
Port number: 443 (spin box)  
Allow intranet-only connections (dropdown menu)

At the bottom of the window, there is a note: 'Make sure that the following client setting is configured for clients that connect to this Application Catalog: Add Application Catalog website to Internet Explorer trusted sites zone. The current default client setting for this value: False'. The bottom of the wizard features a progress bar and four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

9) Click **Next** , will into **Application Catalog Customizations** page :

**Add Site System Roles Wizard**

Application Catalog Customizations

General  
System Role Selection  
Application Catalog Web Site  
Application Catalog Website  
**Application Catalog Customizations**  
Summary  
Progress  
Completion

Specify customized settings for the Application Catalog website point.

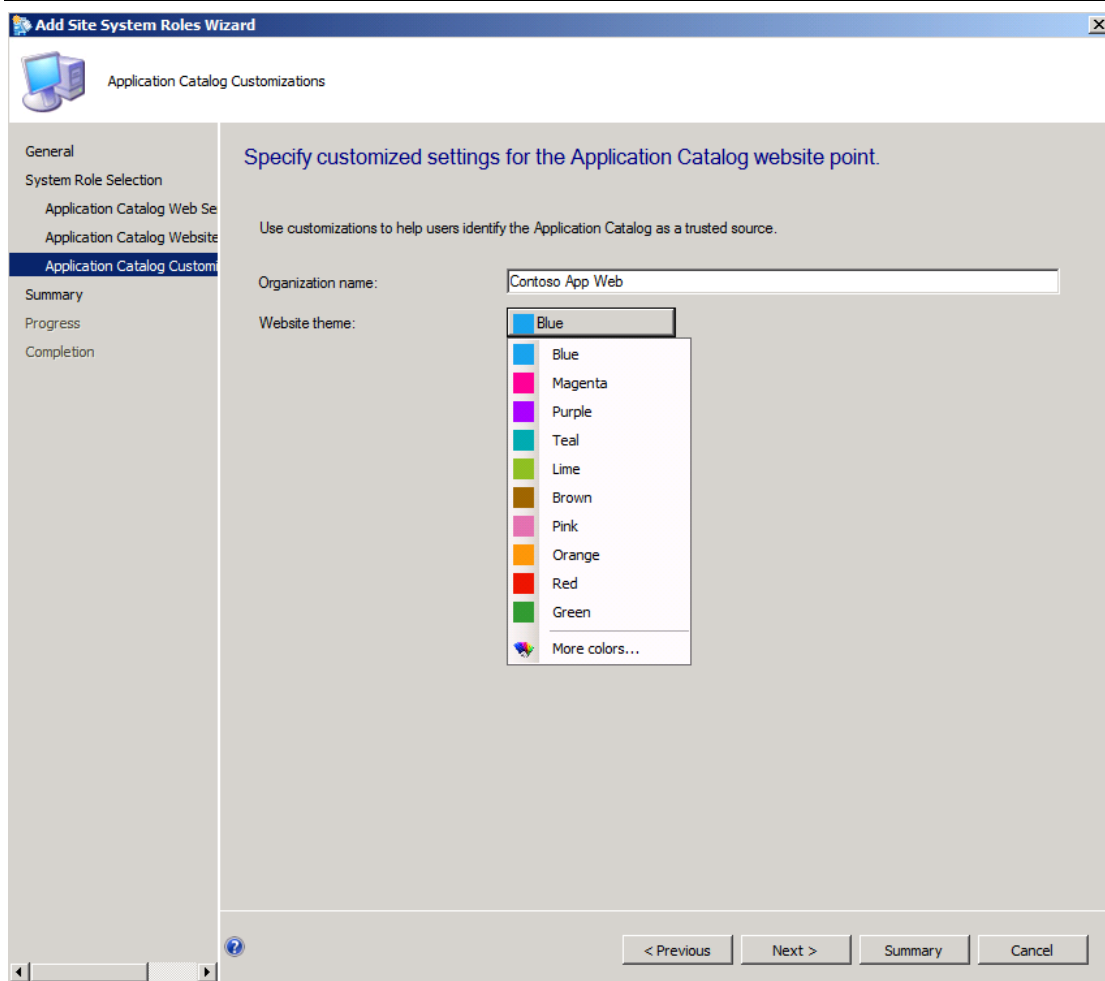
Use customizations to help users identify the Application Catalog as a trusted source.

Organization name:

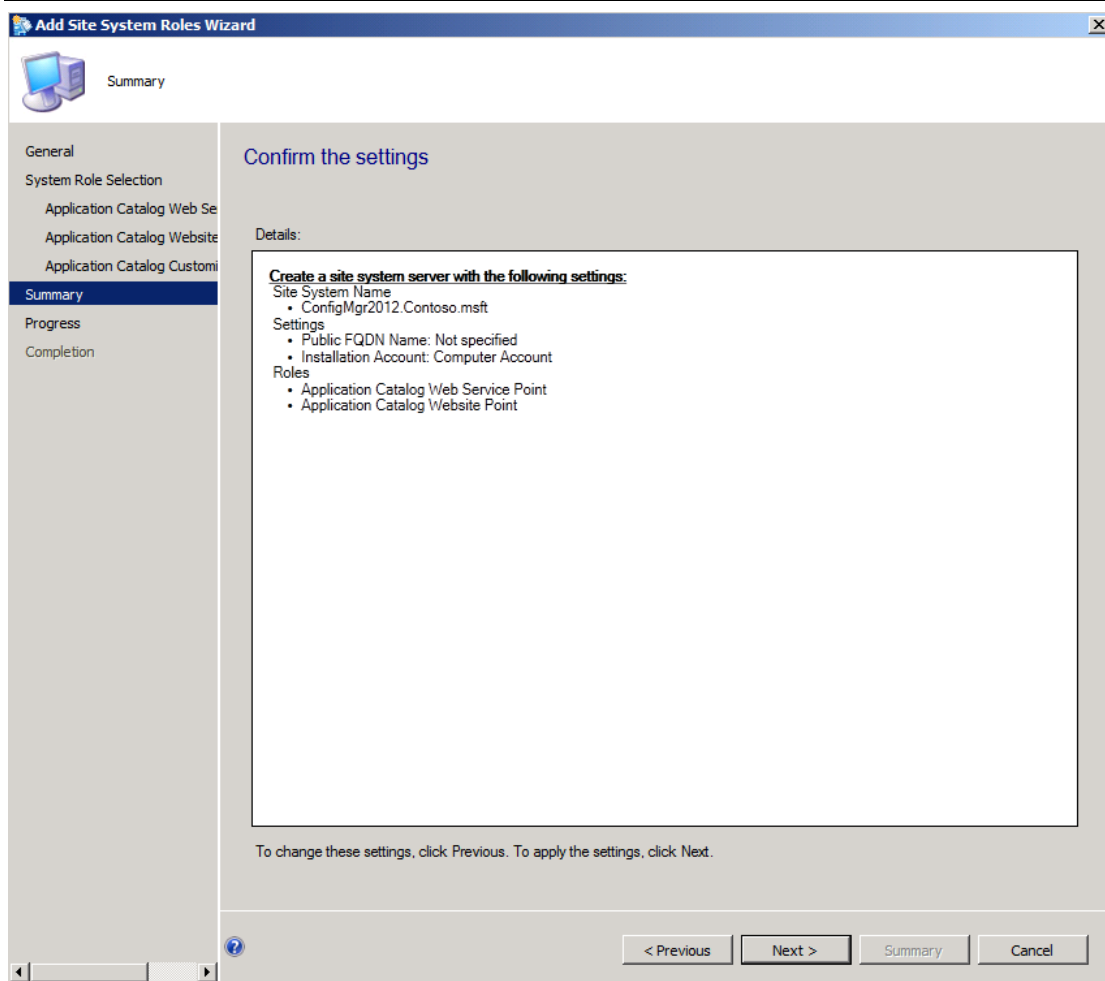
Website theme:

< Previous   Next >   Summary   Cancel

10) Type a name that this application web in **Organization name** field and select a color in **Website theme** item :

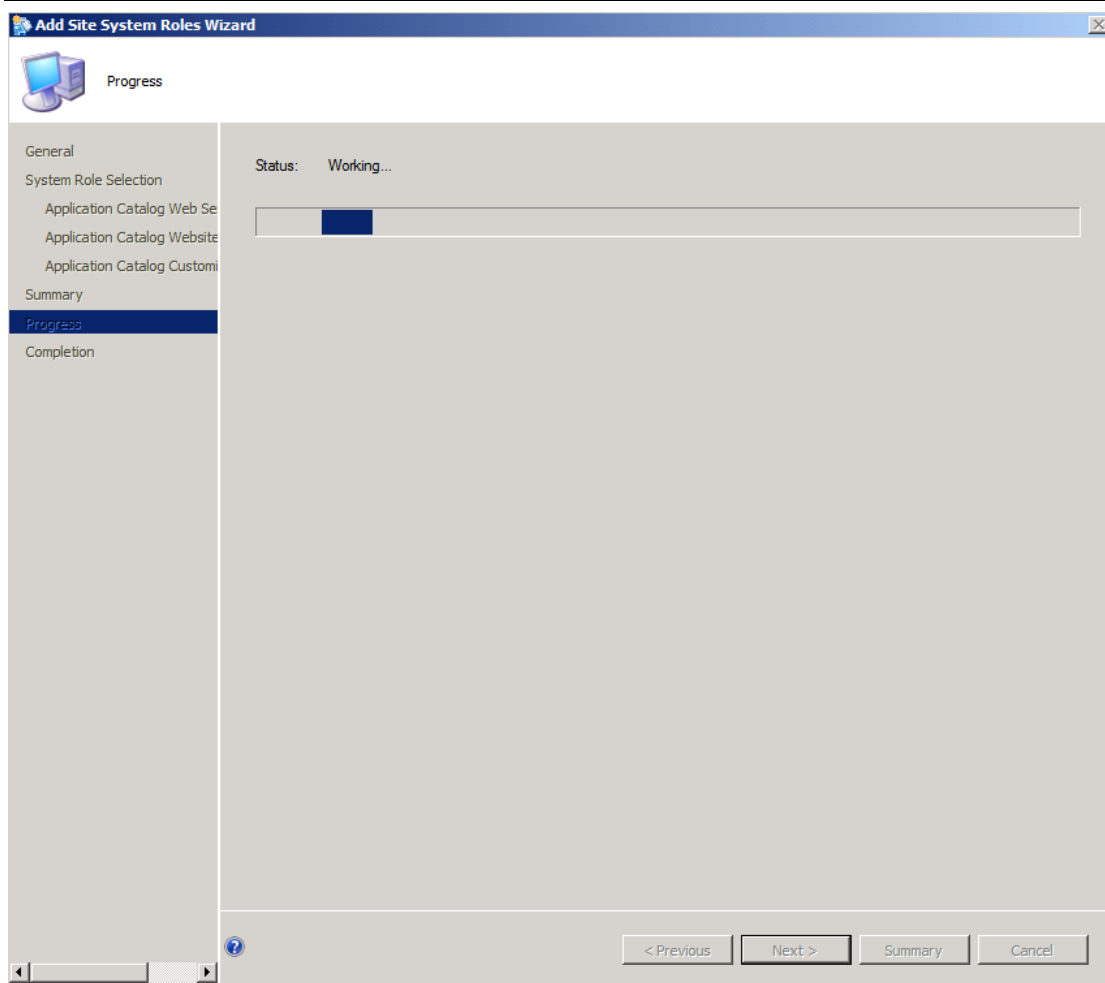


11) Click **Next** , will into **Summary** page :

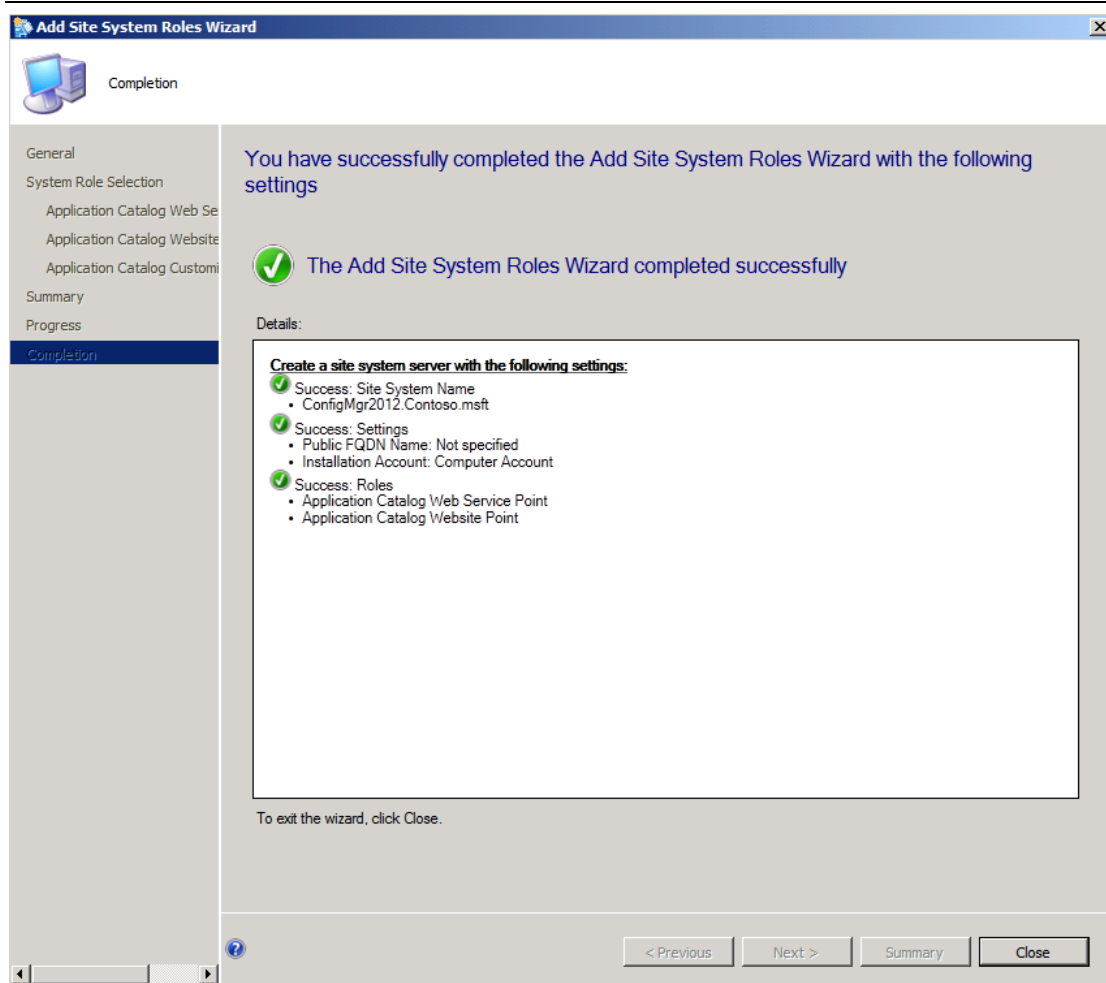


12) Confirm all configure and click **Next** , will into **Progress** page :



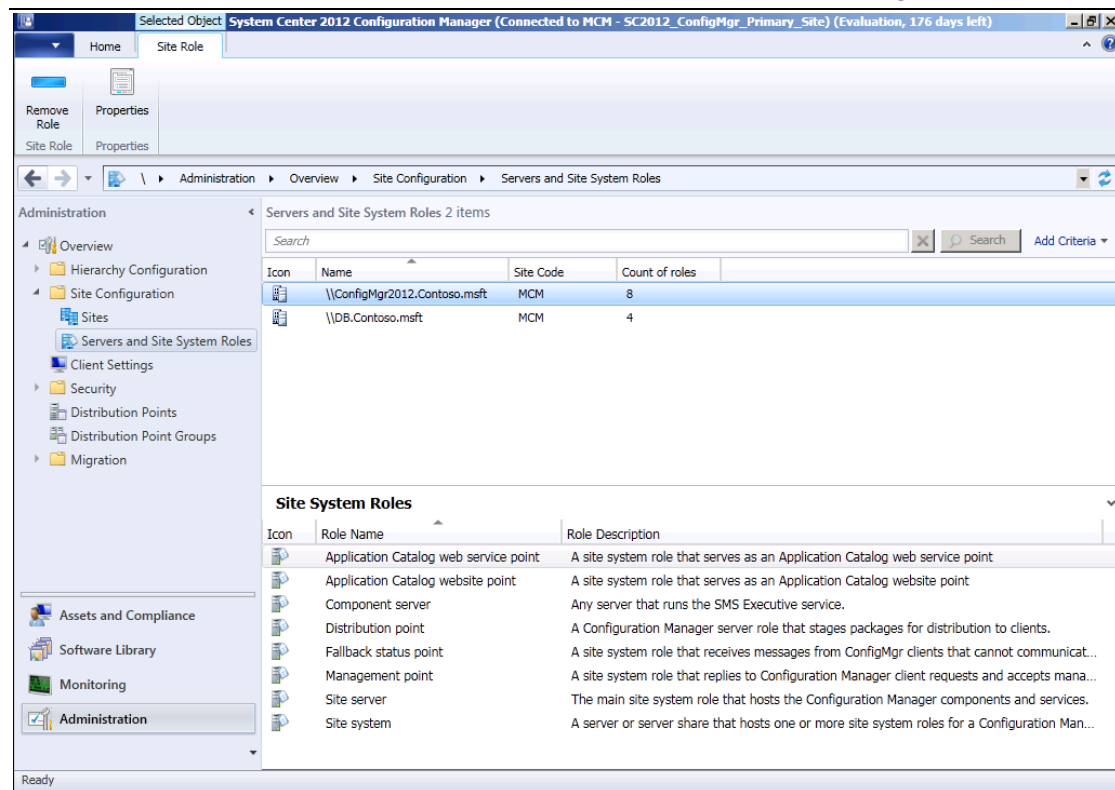


13) Wait some seconds and will display **Completion** page :



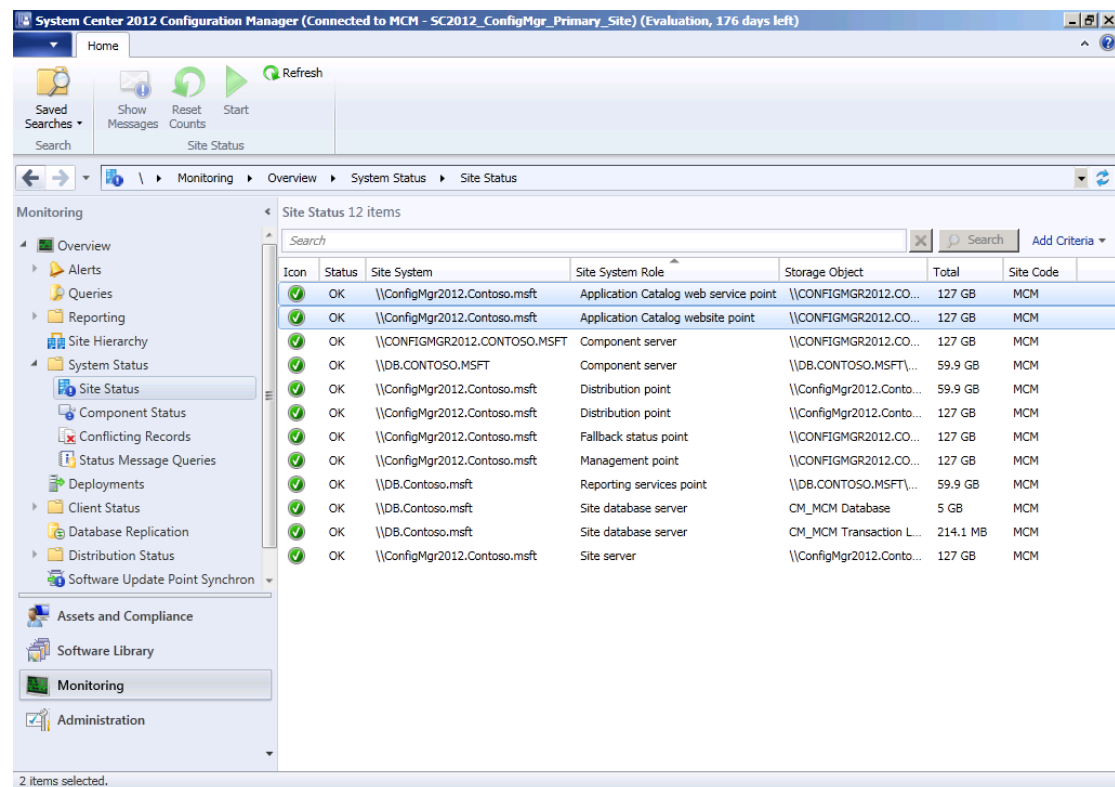
14) Click **Close** . Back to **Servers and Site System Roles** node , you can see added two site roles :

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15) Wait some minutes , click **Monitoring** workspace , click **Site Status** node in

**System Status** folder , you can see these system role indicate Green **OK** status :

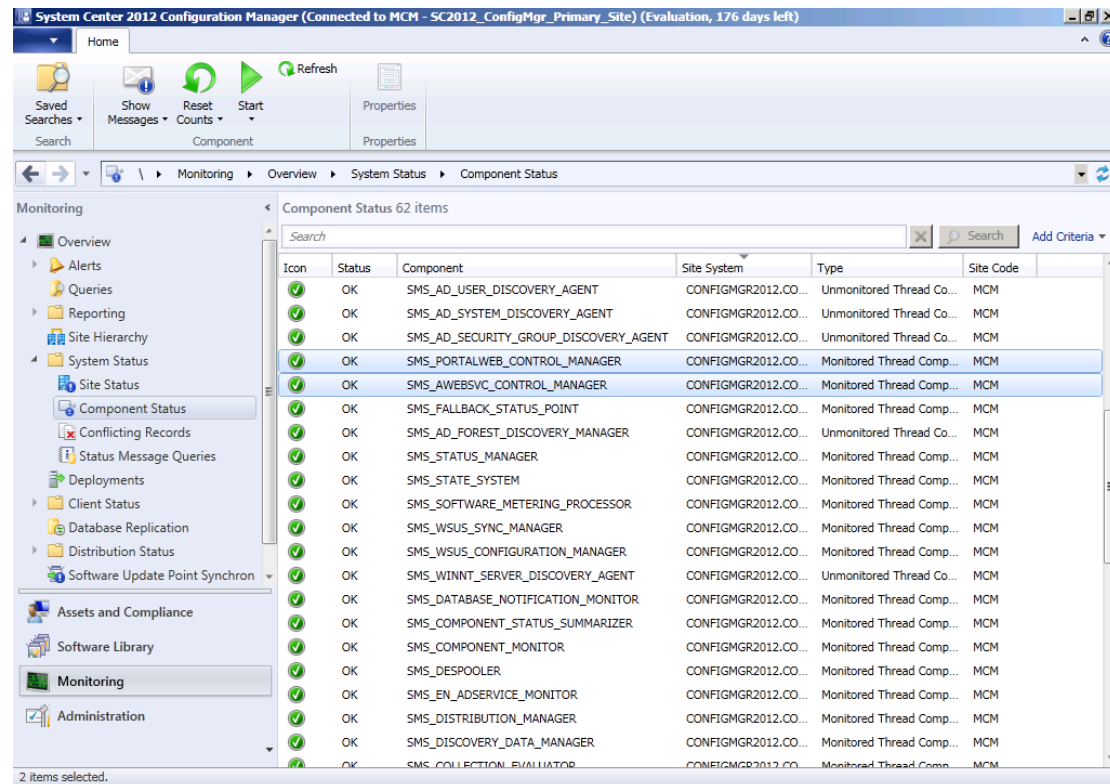


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16) Click Component Status node , you can see

**SMS\_PORTALWEB\_CONTROL\_MANAGER** and

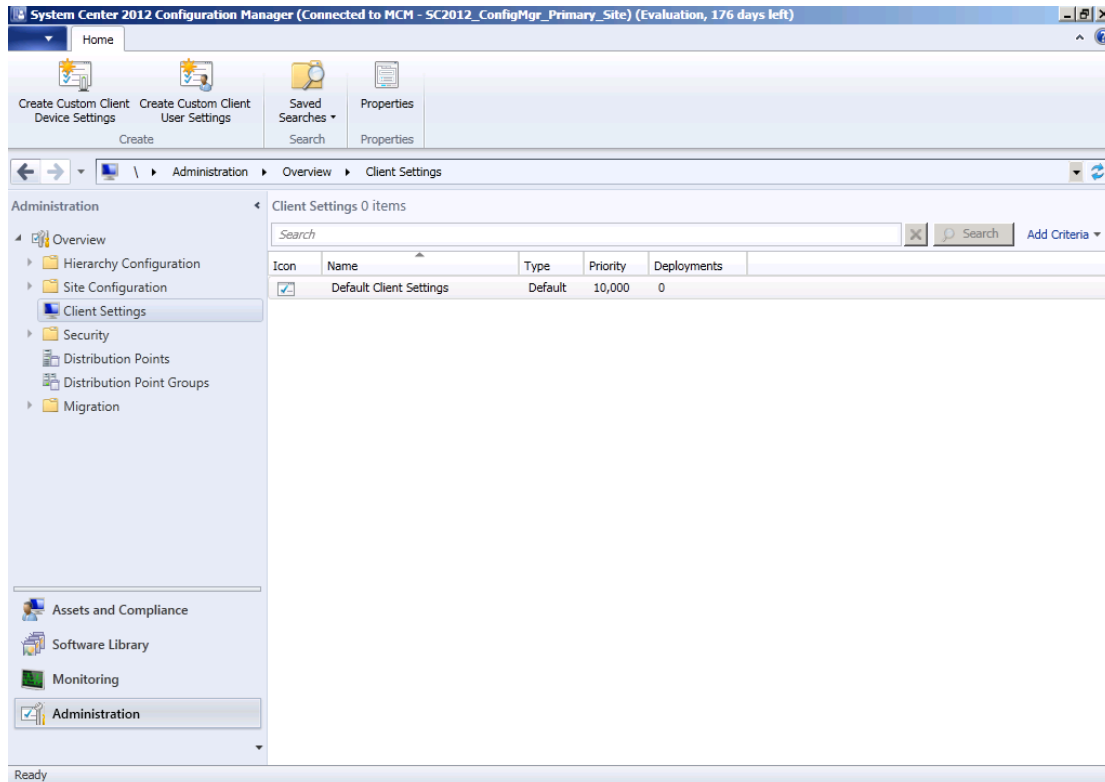
**SMS\_AWEBSVC\_CONTROL\_MANAGER** components indicate Green **OK** status :



## 5. Configure SC2012 ConfigMgr RTM Client Setting:

1) In **Configuration Manager Console** , click **Administration** workspace ,  
click **Client Settings** node , you can see there have one client setting , called

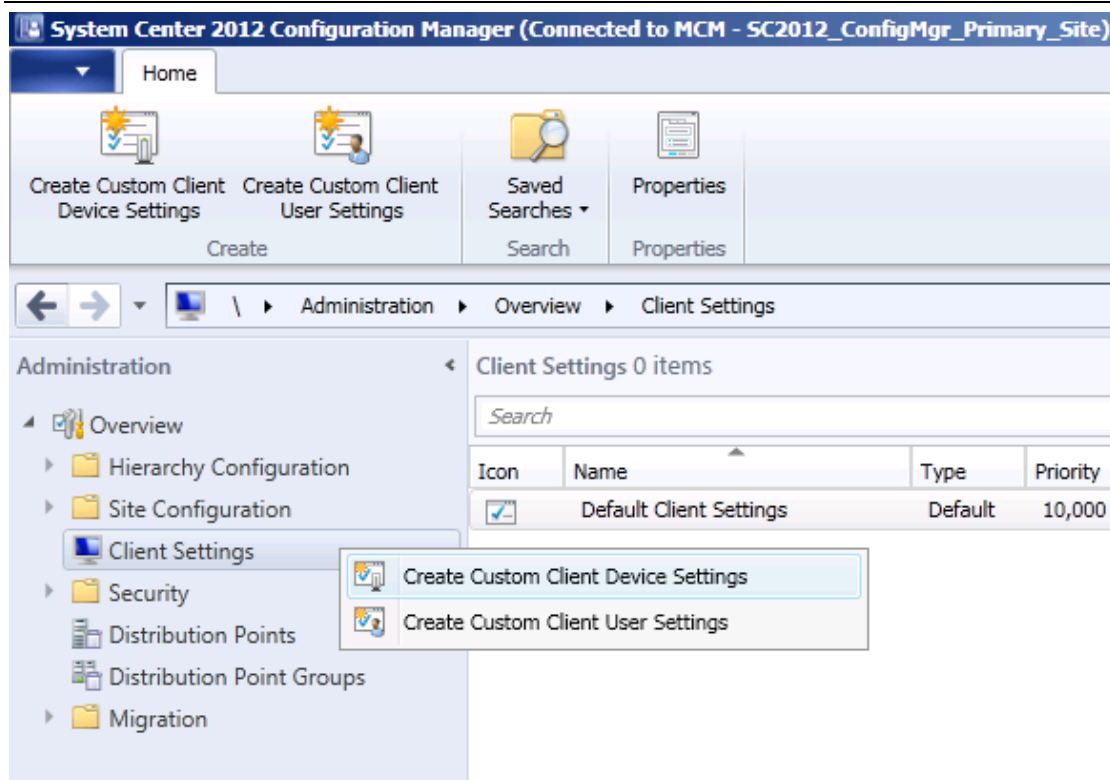
### Default Client Settings :



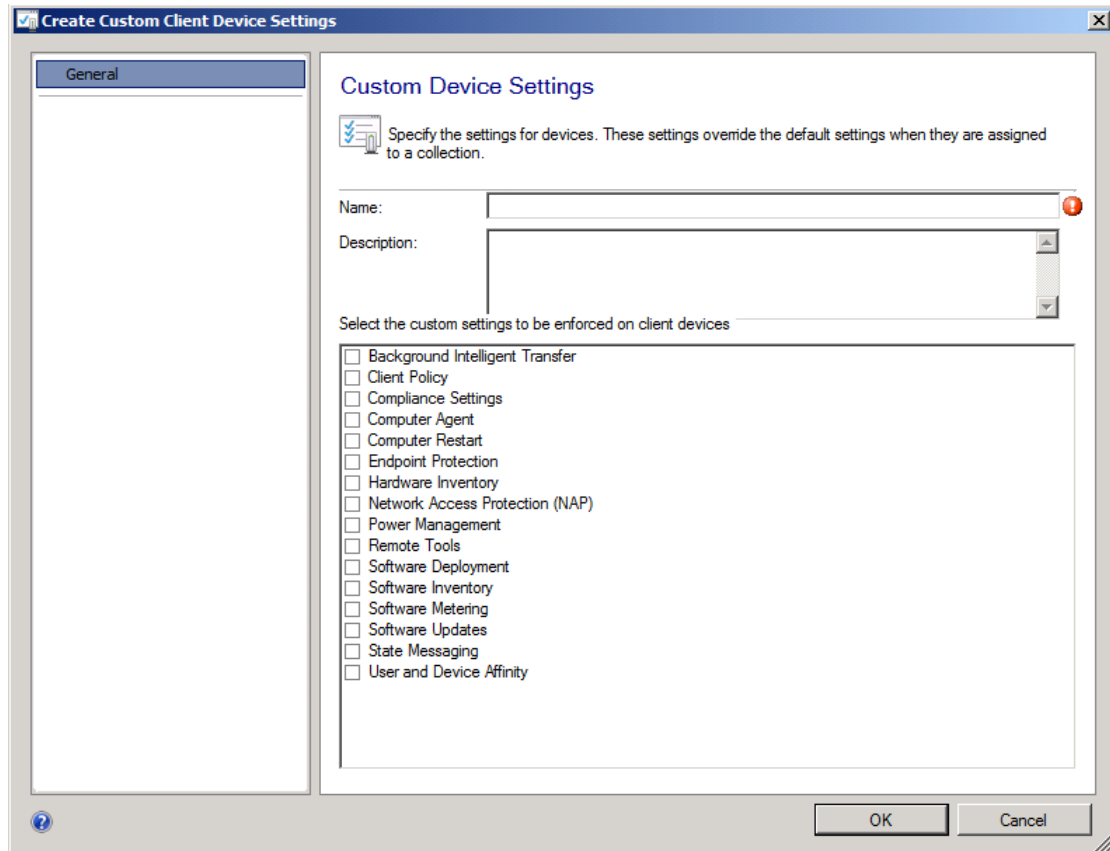
2) Right-click **Client Settings** node , select **Create Custom Client Device**

### Settings :

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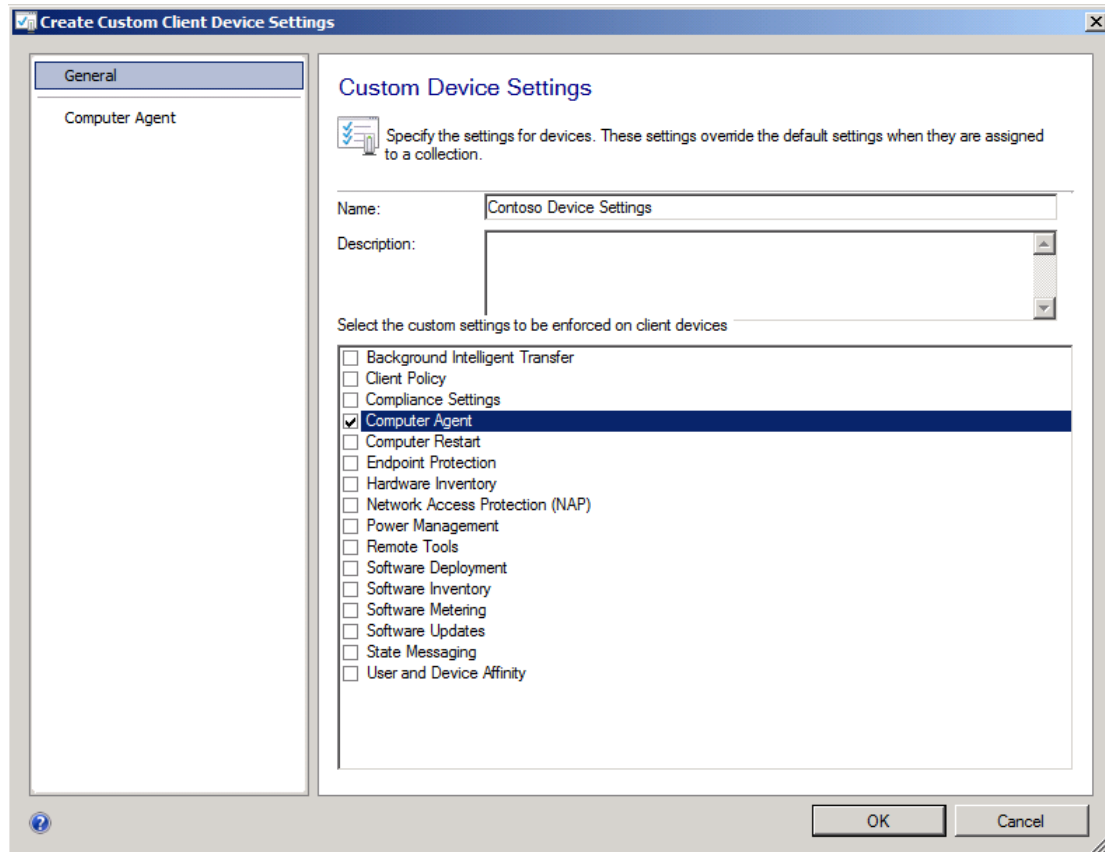
3) **Create Custom Client Device Settings** table will display :



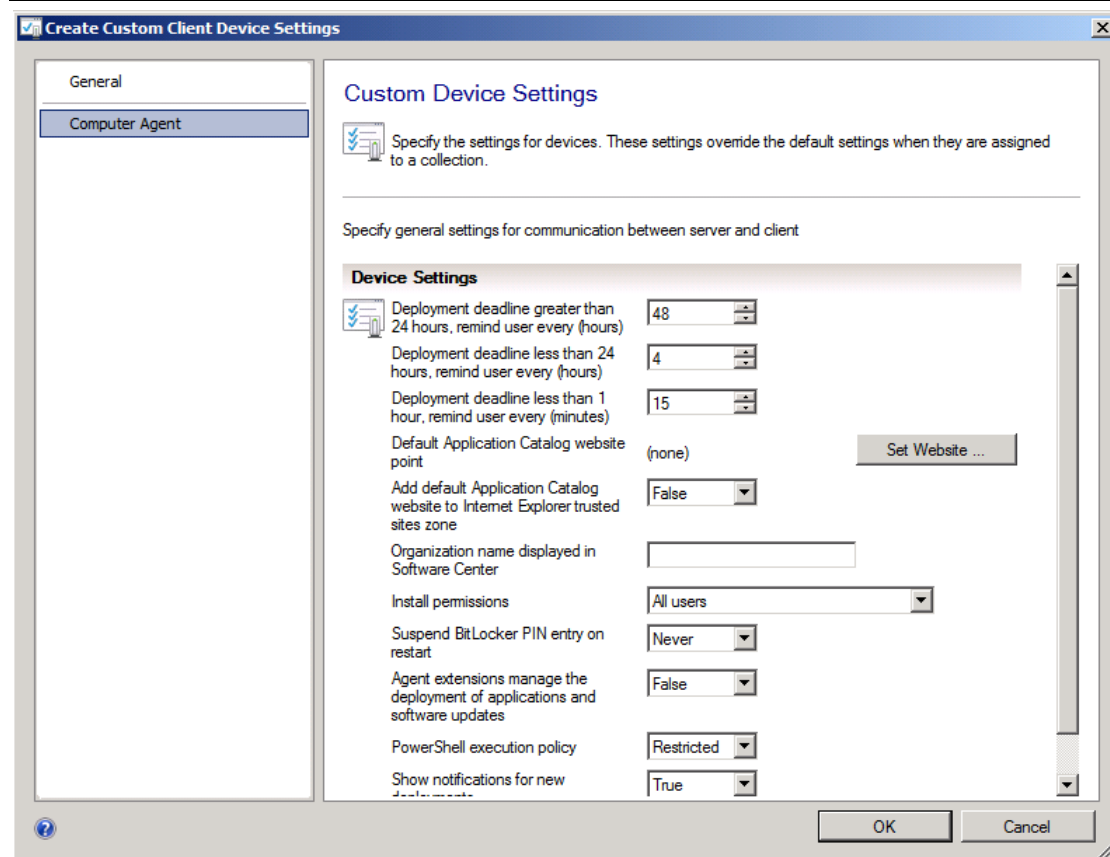
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[http://blogs.technet.com/b/justin\\_gao](http://blogs.technet.com/b/justin_gao)

- 4) Type a name in **Name** field , select one or more settings that your required .

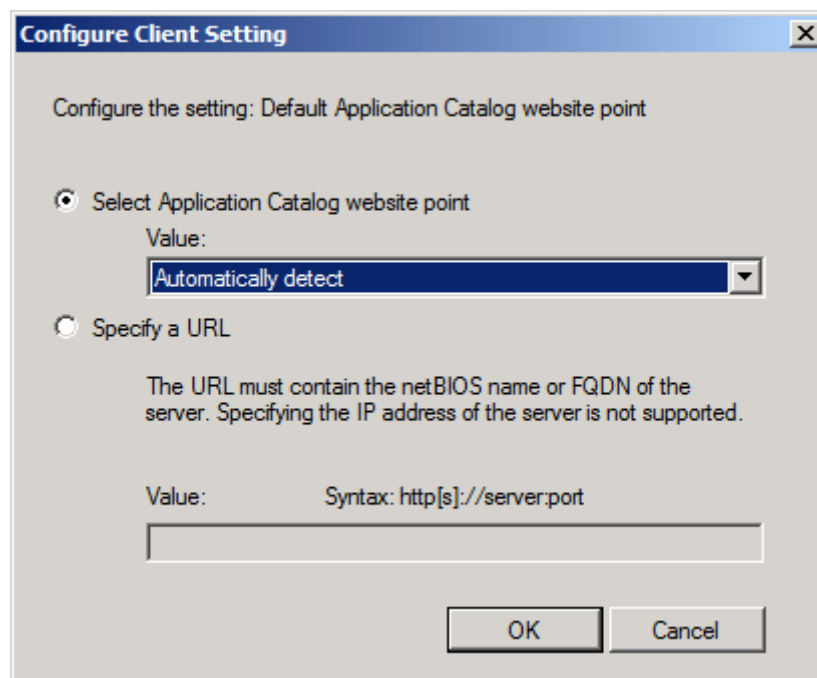
Now I just select **Computer Agent** item in **Select the custom settings to be enforced on client devices** lists :



- 5) Click **Computer Agent** in left , you can see all device settings items :



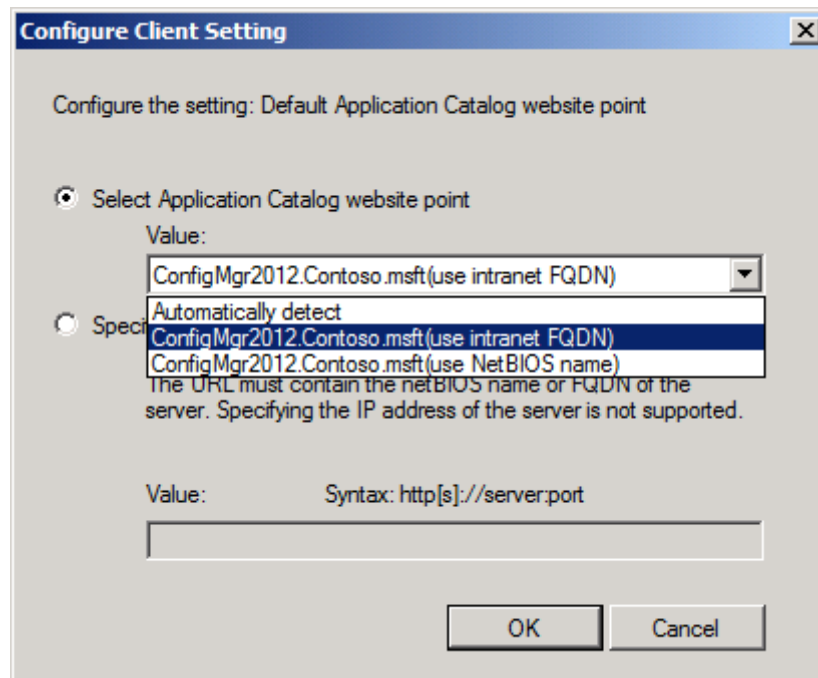
6) Click **Set Website ...** button in **Default Application Catalog website point** item , the **Configure Client Setting** box will display:



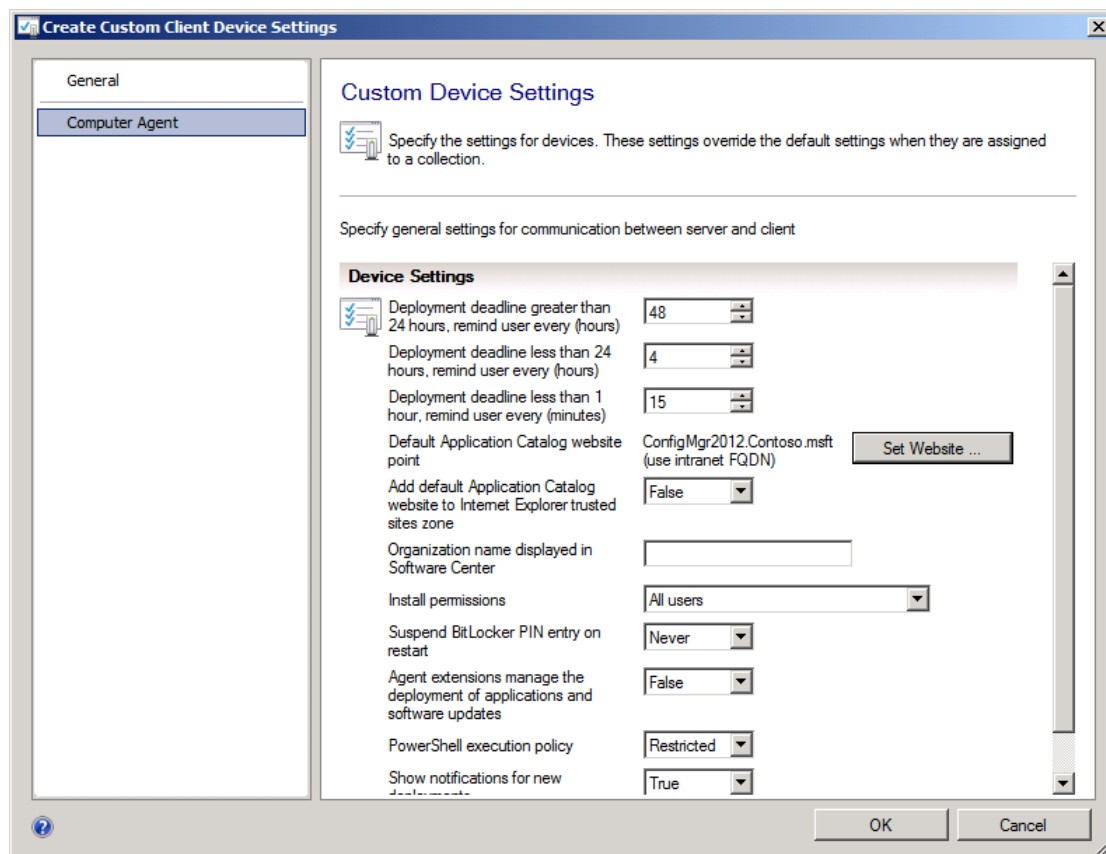


- 7) Confirm selected **Select Application Catalog website point** and select

**ConfigMgr2012.Contoso.msft(use intranet FQDN)** item in **Value** list :



- 8) Click **OK** will back to **Custom Device Settings** page :



9) In **Add default Application Catalog website to Internet Explorer trusted sites zone** item , select **True** :

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**Create Custom Client Device Settings**

General  
Computer Agent

**Custom Device Settings**

Specify the settings for devices. These settings override the default settings when they are assigned to a collection.

Specify general settings for communication between server and client

**Device Settings**

- Deployment deadline greater than 24 hours, remind user every (hours): 48
- Deployment deadline less than 24 hours, remind user every (hours): 4
- Deployment deadline less than 1 hour, remind user every (minutes): 15
- Default Application Catalog website point: ConfigMgr2012.Contoso.msft (use intranet FQDN) Set Website ...
- Add default Application Catalog website to Internet Explorer trusted sites zone: True
- Organization name displayed in Software Center:
- Install permissions: All users
- Suspend BitLocker PIN entry on restart: Never
- Agent extensions manage the deployment of applications and software updates: False
- PowerShell execution policy: Restricted
- Show notifications for new deployments: True

OK Cancel

10) Click **OK** will back to **Client Settings** node :

**System Center 2012 Configuration Manager (Connected to MCM - SC2012\_ConfigMgr\_Primary\_Site) (Evaluation, 176 days left)**

Home

Create Custom Client Device Settings Create Custom Client User Settings Saved Searches Deploy Increase Priority Decrease Priority Refresh Copy Set Security Scopes Properties

Administration > Overview > Client Settings

Client Settings 2 items

Icon	Name	Type	Priority	Deployments
	Contoso Device Settings	Device	1	0
	Default Client Settings	Default	10,000	0

**Contoso Device Settings**

Description

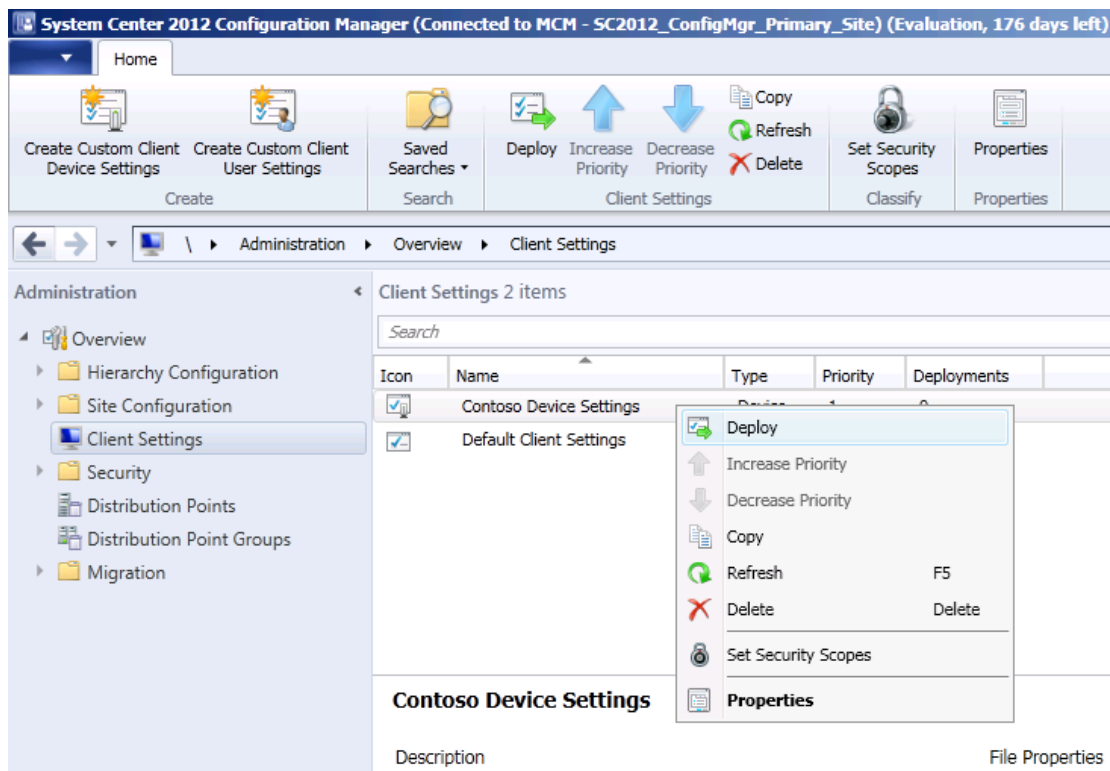
File Properties

Date Created: 3/18/2012 12:38 AM  
Created By: CONTOSO\Administrator  
Date Modified: 3/18/2012 12:38 AM  
Modified By: CONTOSO\Administrator

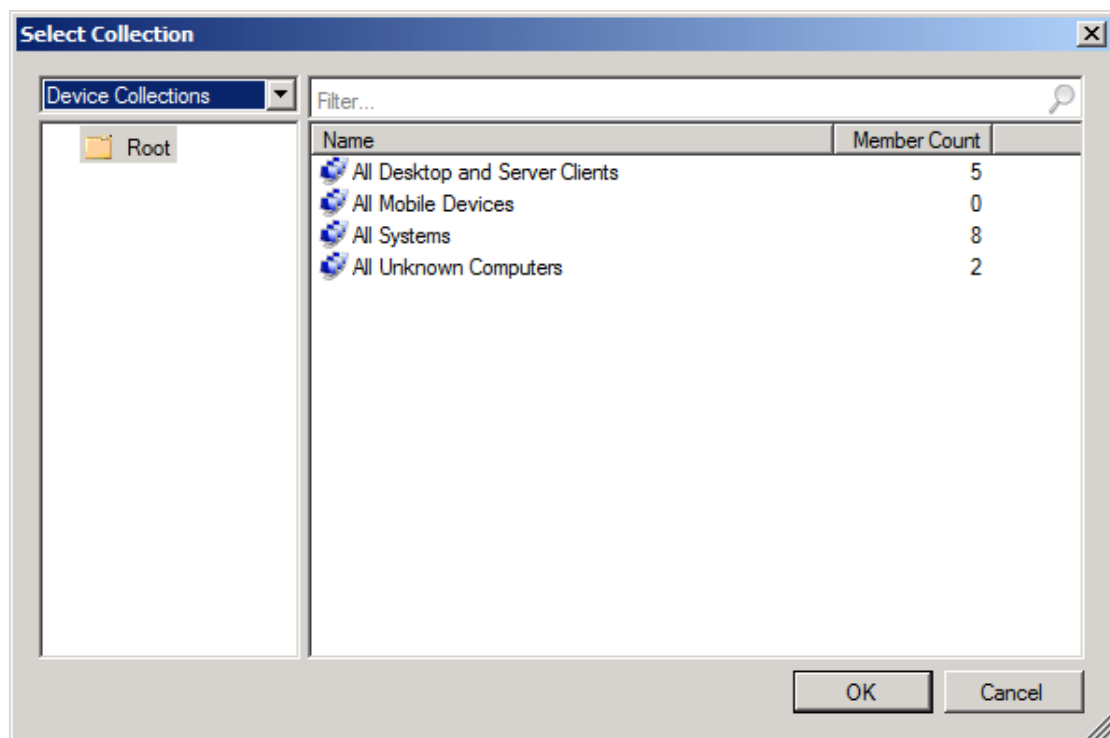
Ready

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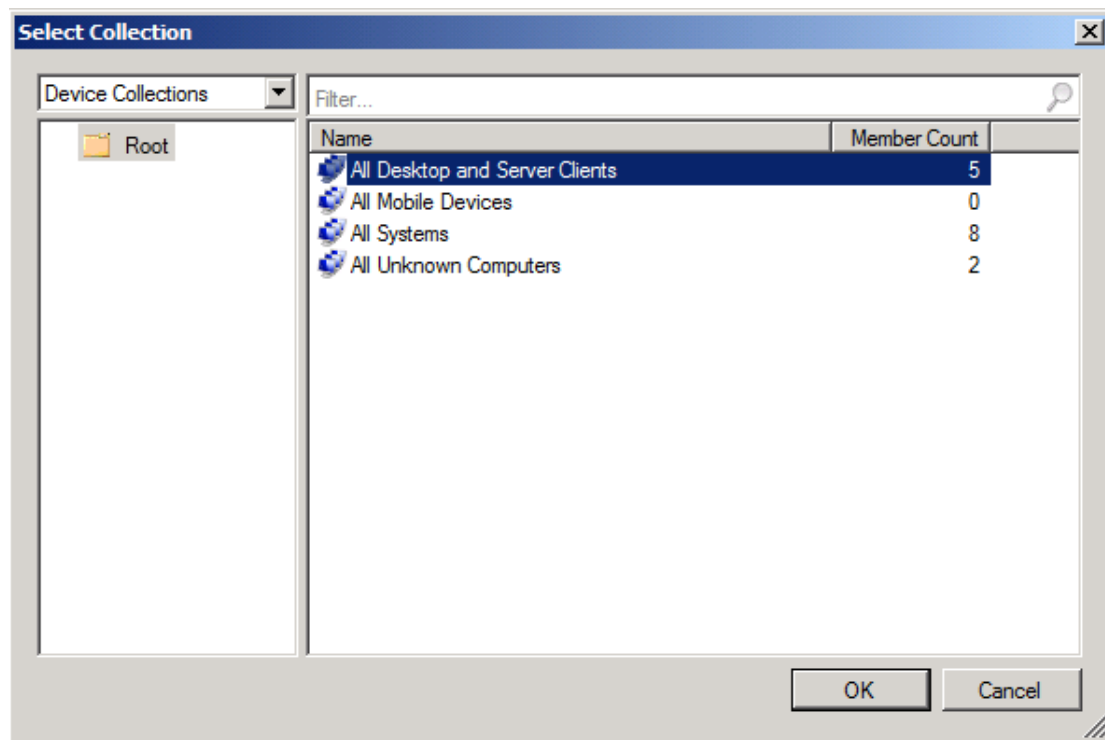
11) Right-click just added device settings , select **Deploy** :



12) Will open **Select Collection** box :

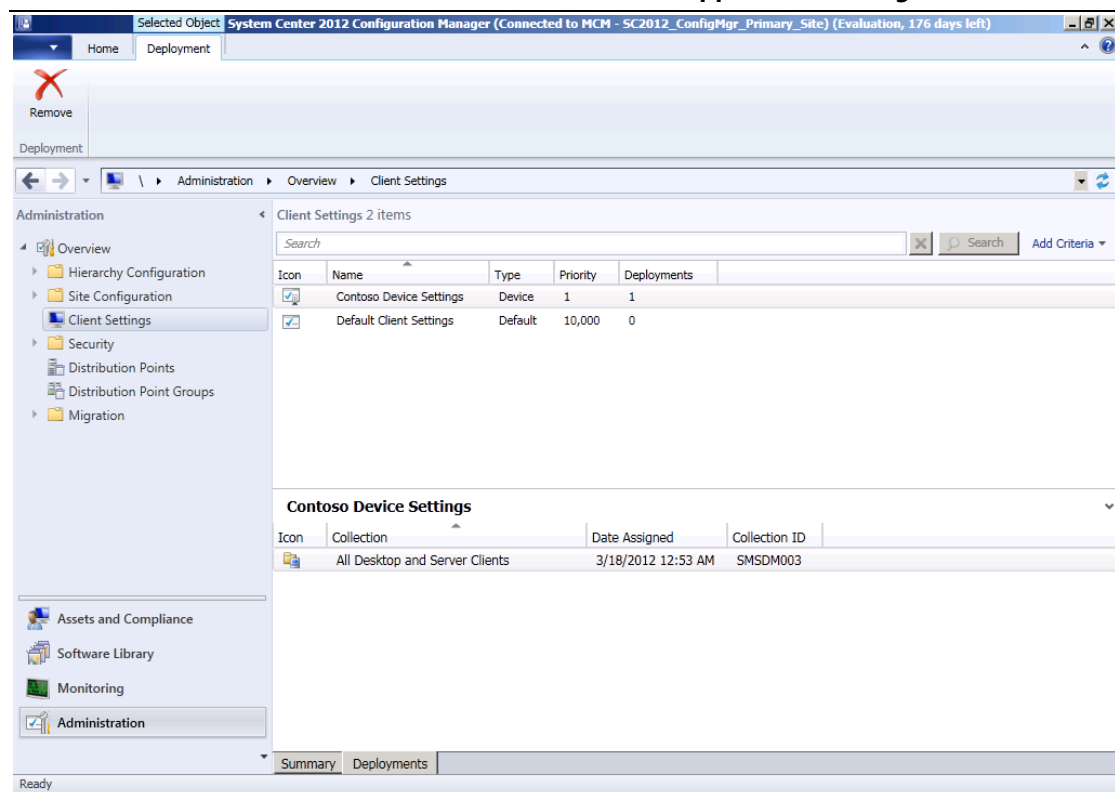


13) Select one device collection :



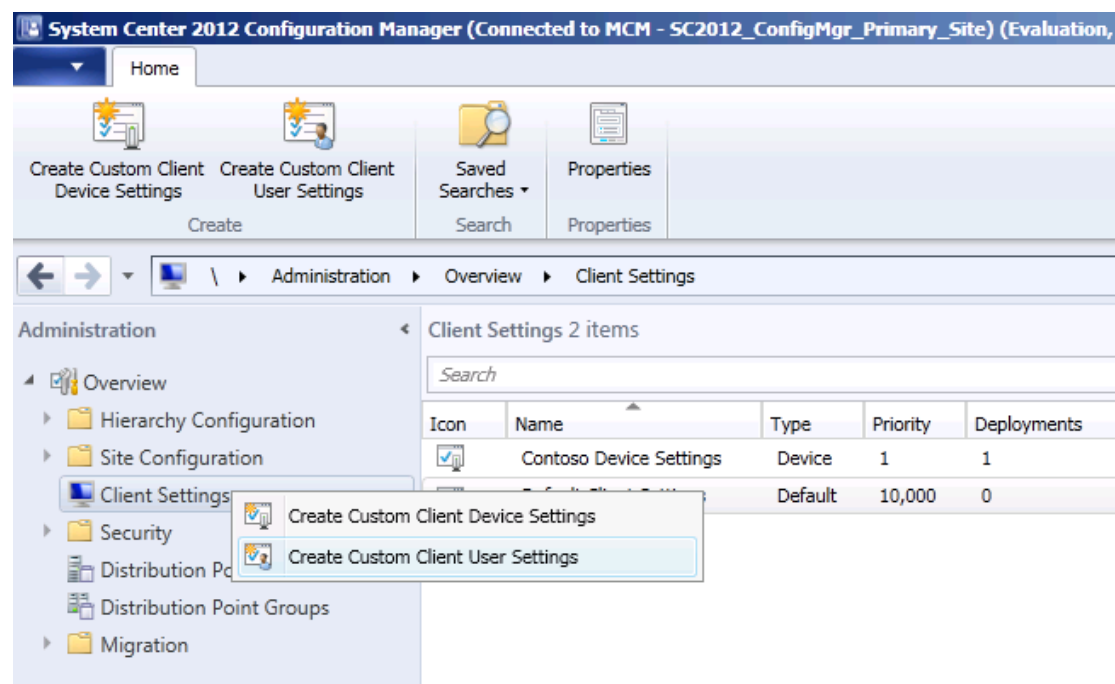
14) Click **OK** will back to **Client Settings** node , you can see **Contoso Device Settings** already deployed :

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15) Right-click **Client Settings** node , click **Create Custom Client User**

**Settings :**



16) Will open **Create Custom Client User Settings** table :

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**Create Custom Client User Settings**

**General**

**Custom User Settings**

Specify the client settings for users. These settings override the default settings when they are assigned to a collection.

Name:

Description:

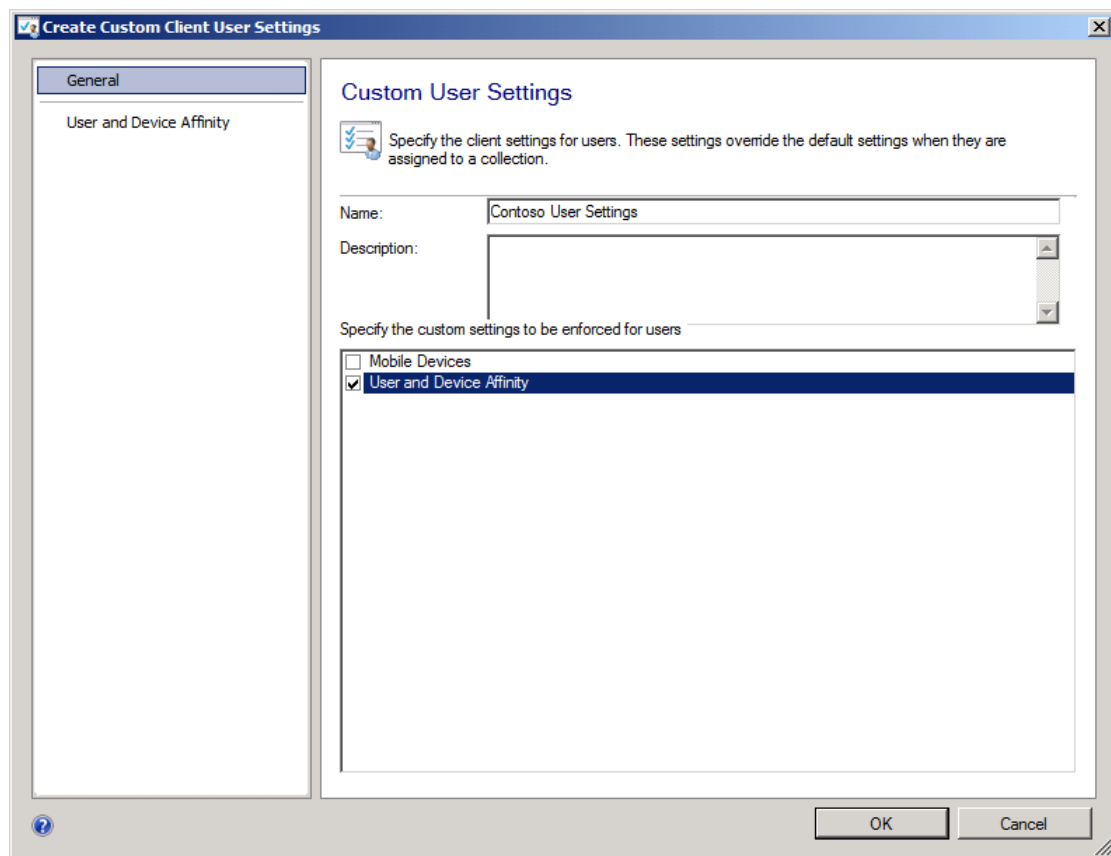
Specify the custom settings to be enforced for users

☐ Mobile Devices

☐ User and Device Affinity

OK Cancel

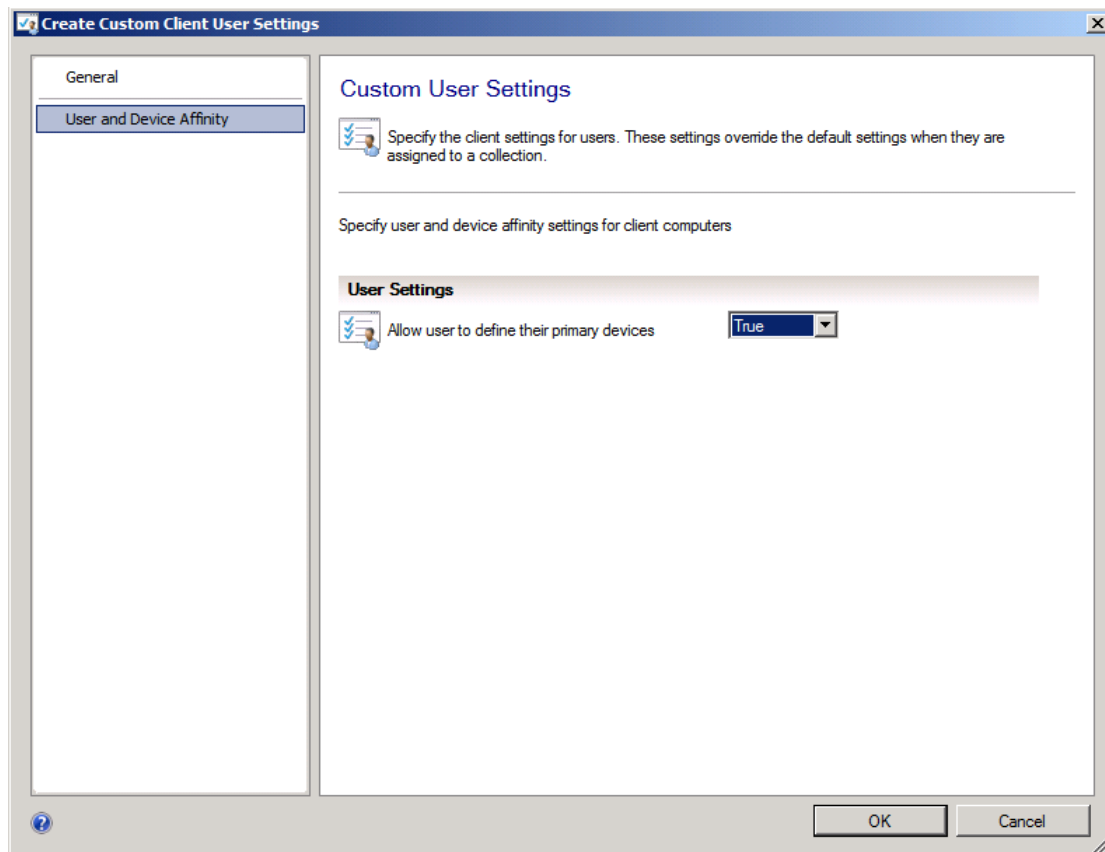
17) Type a name in **Name** field and select **User and Device Affinity** in **Specify the custom settings to be enforced for users** list :



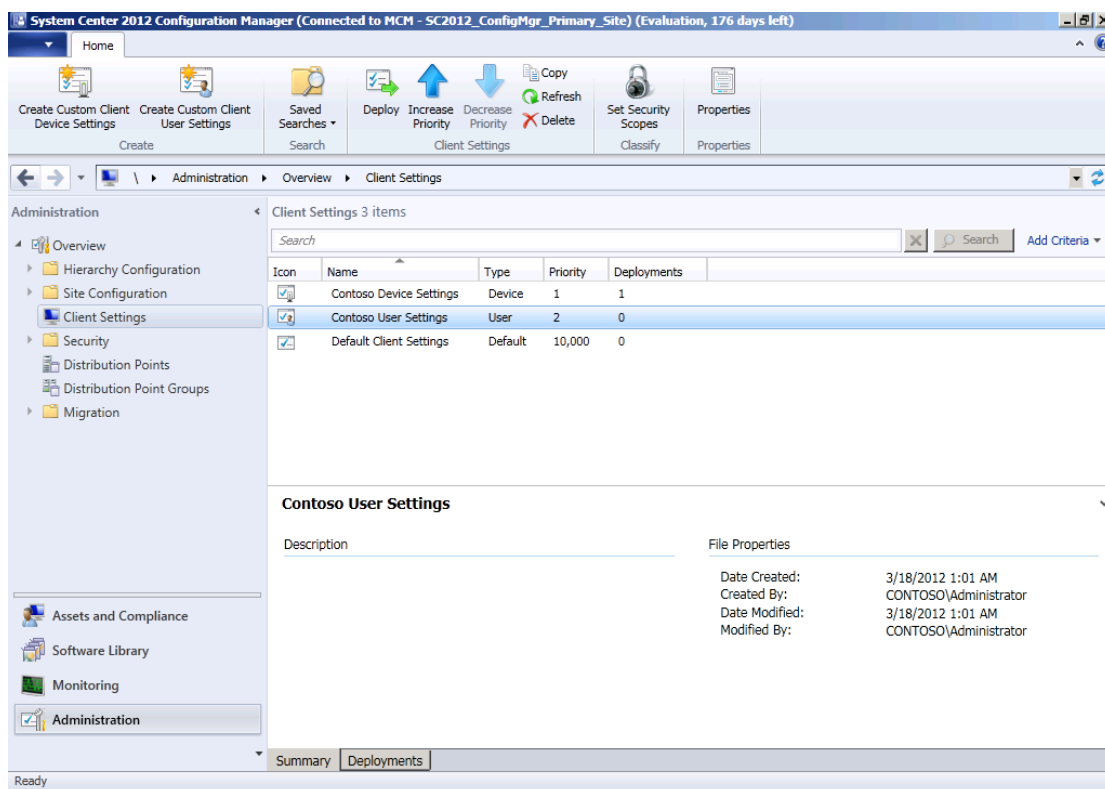
18) Click **User and Device Affinity** in the left , select **True** in **Allow user to define their primary devices** item :



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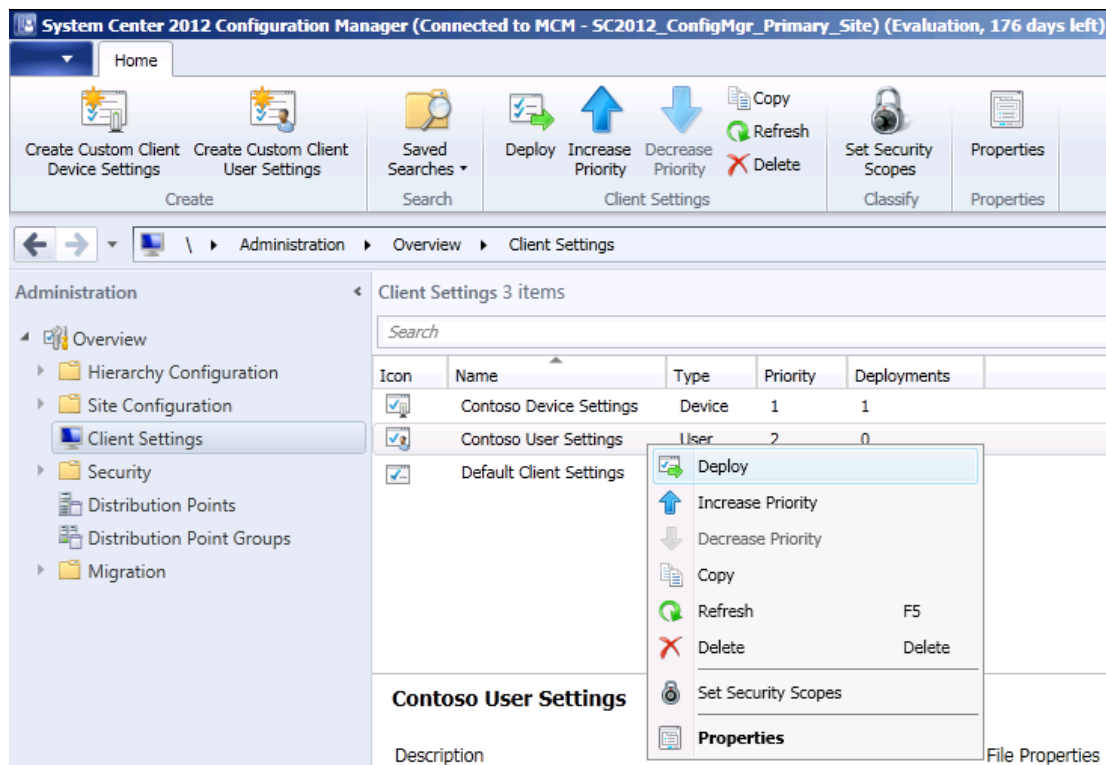


19) Click **OK** will back to **Client Settings** node :

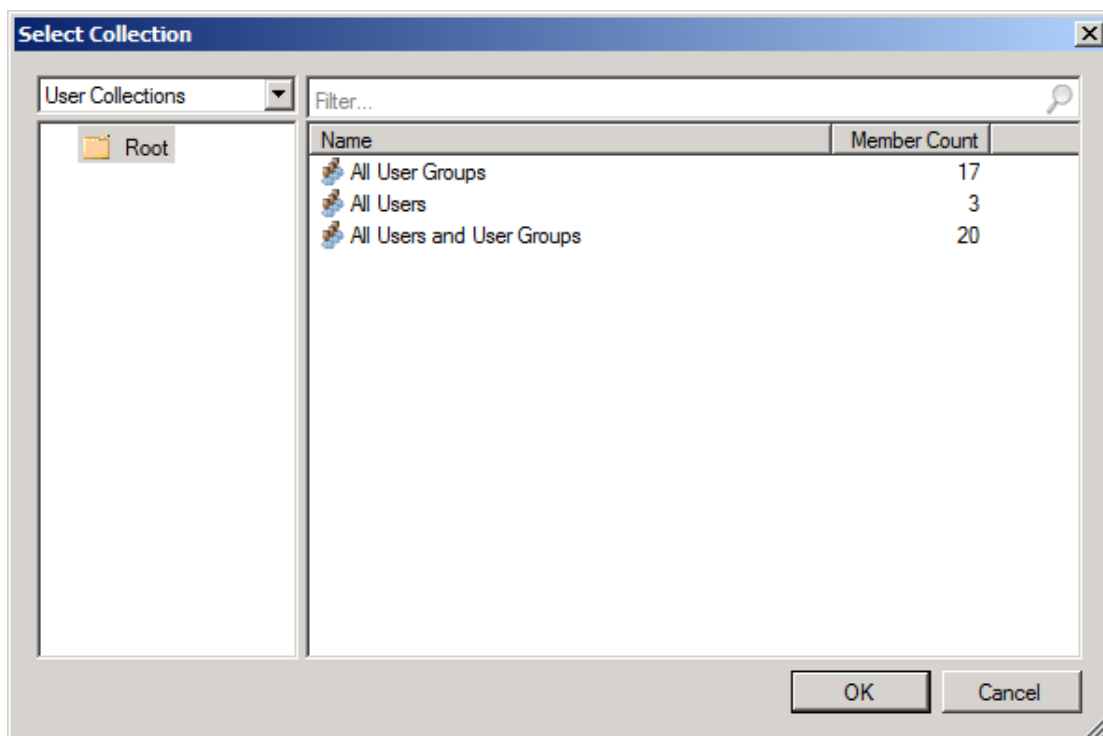


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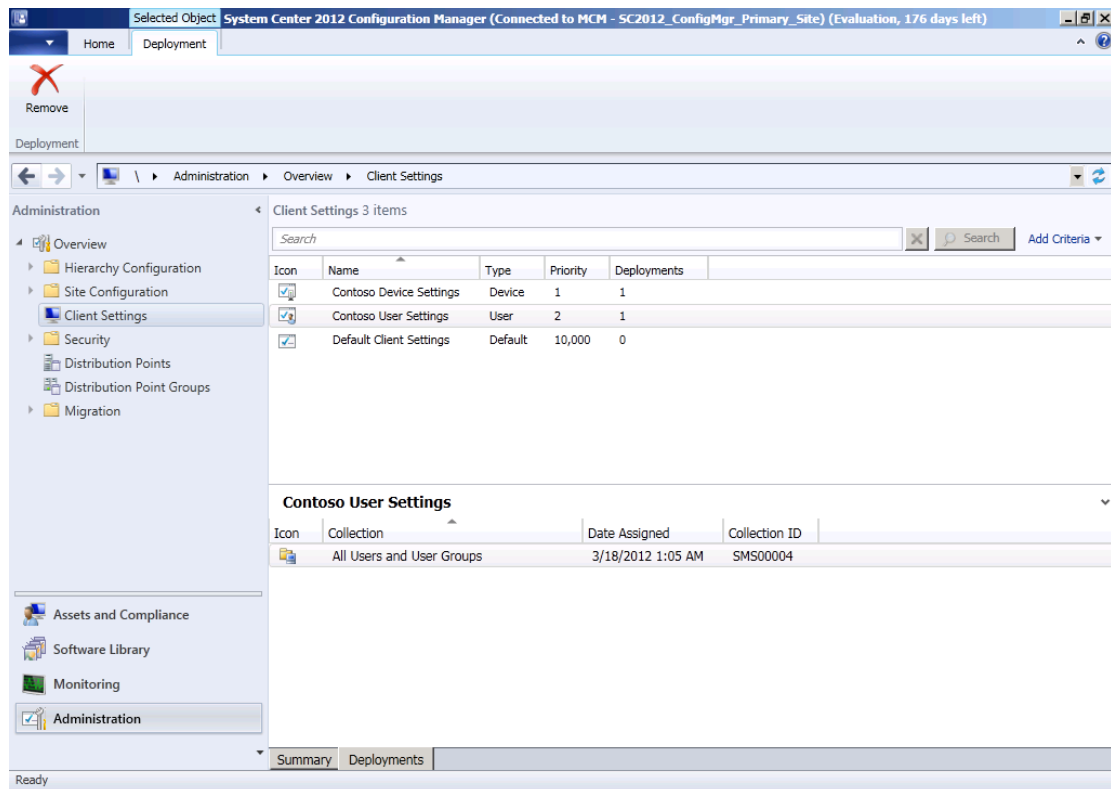
20) Right-click **Contoso User Settings** and click **Deploy** :



21) Will display **Select Collection** box :

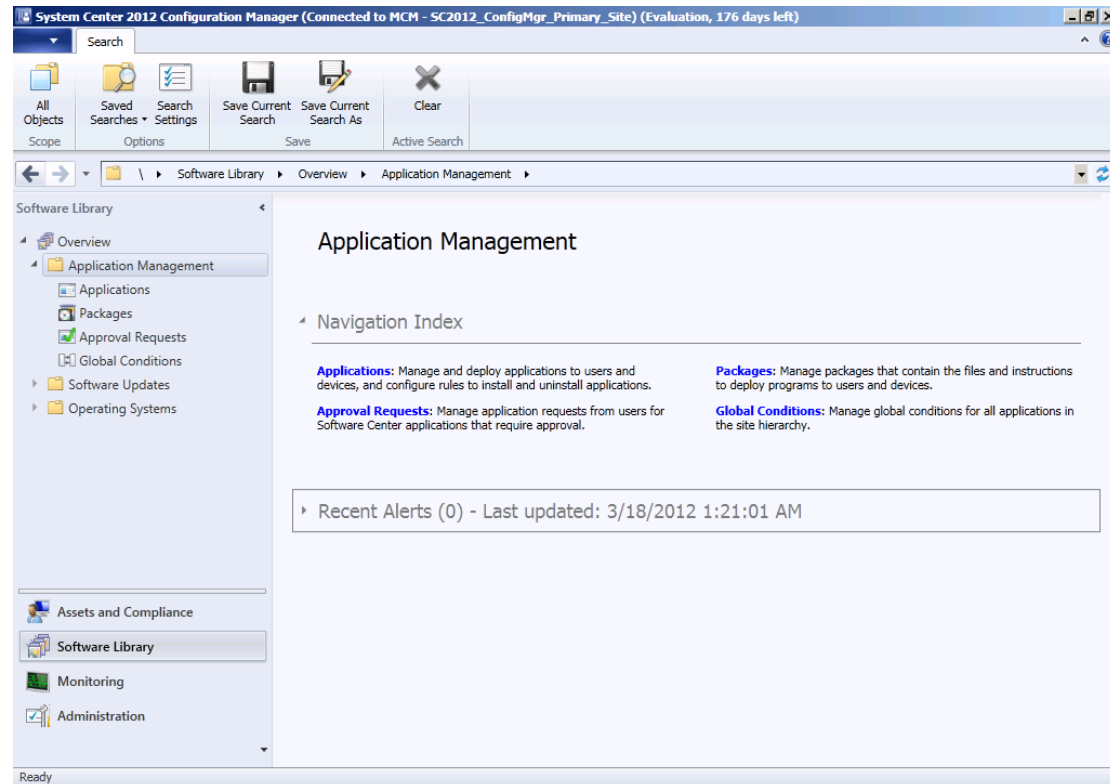


22) Select any user collection and click **OK** , you can see deploy user target :



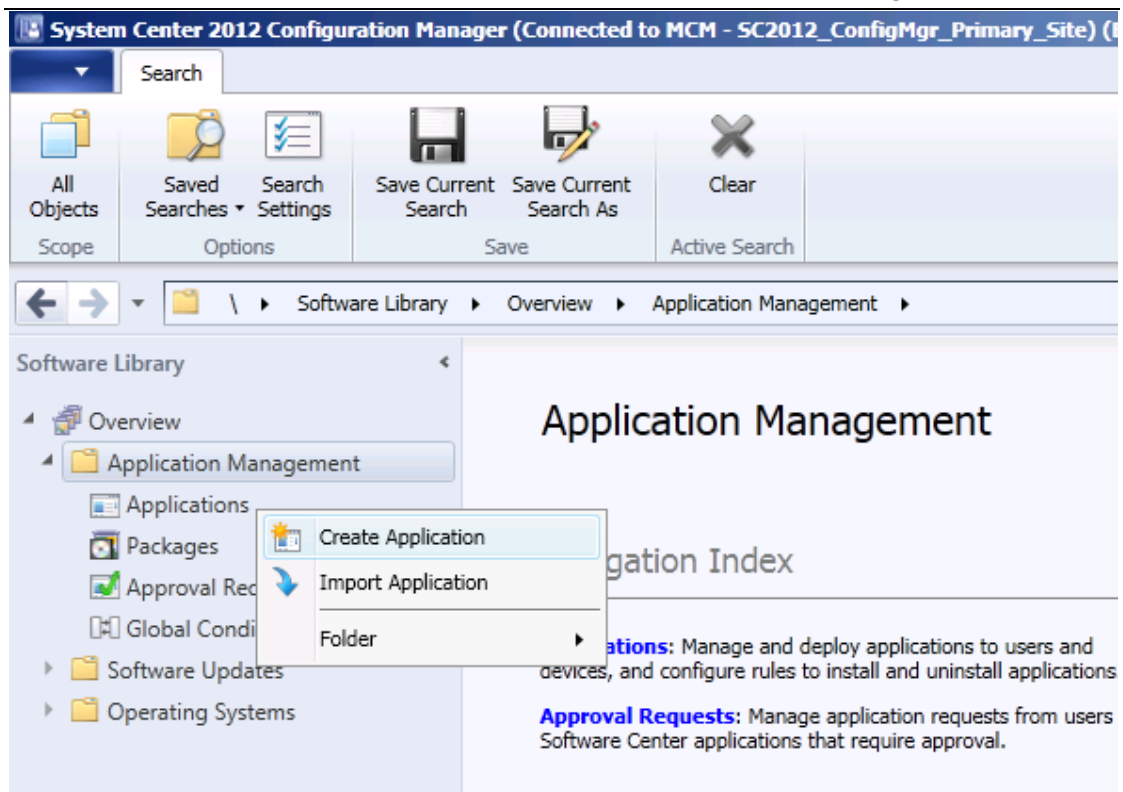
## 6. Create Applications :

1) In **Configuration Manager Console** , click **Software Library** workspace , expand **Application Management** folder , you can see **Applications** and **Packages** nodes :

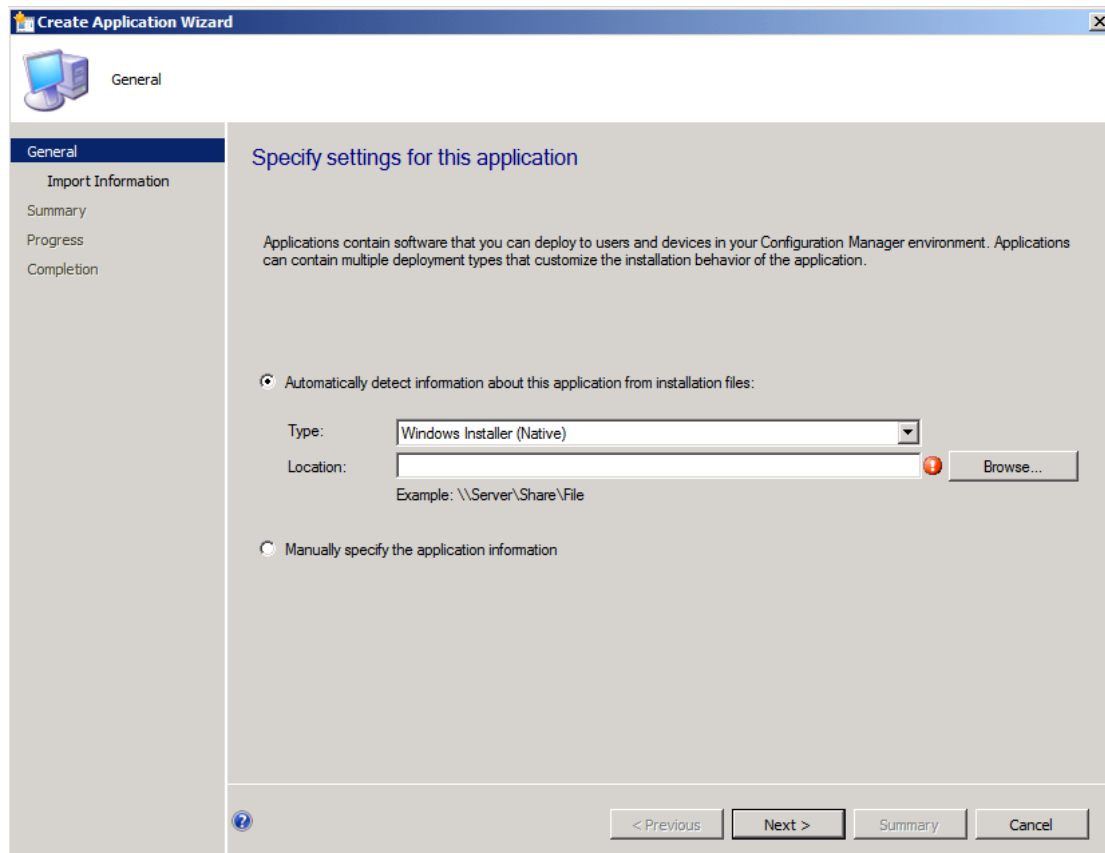


2) Right-click **Applications** node , select **Create Application** :

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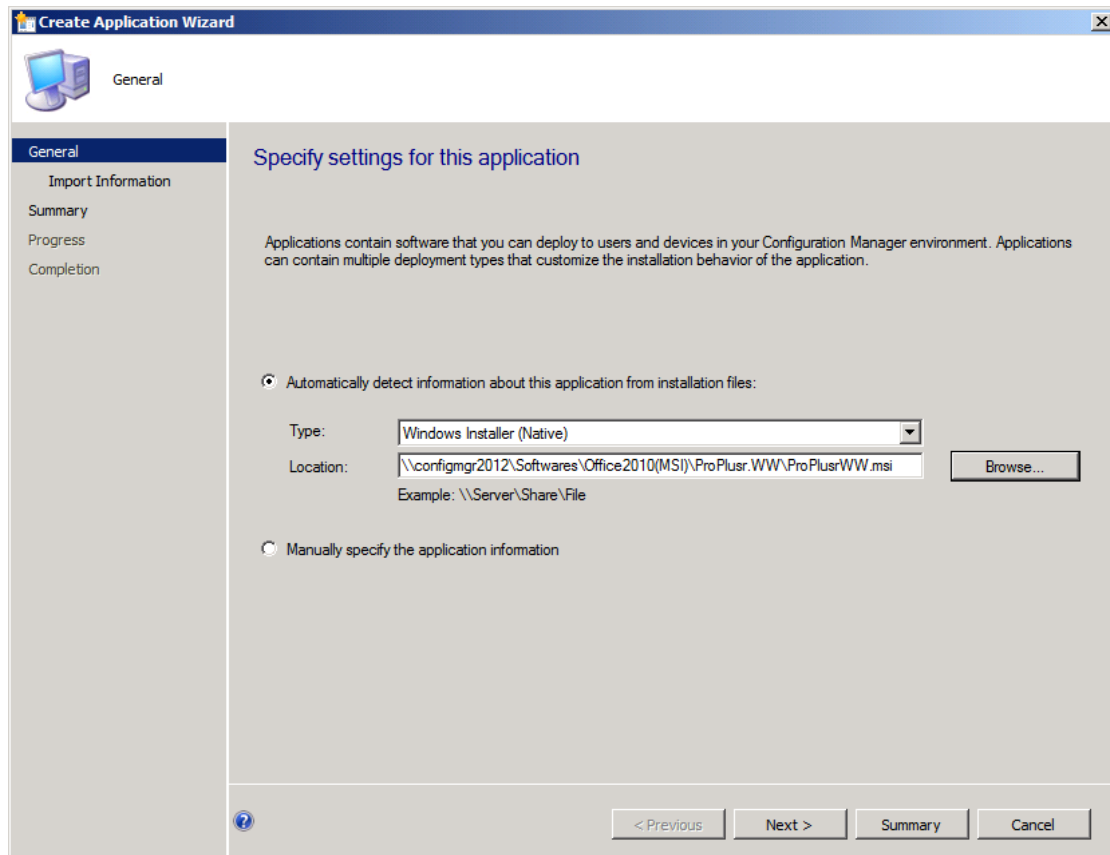


3) Create **Application Wizard** will opened :



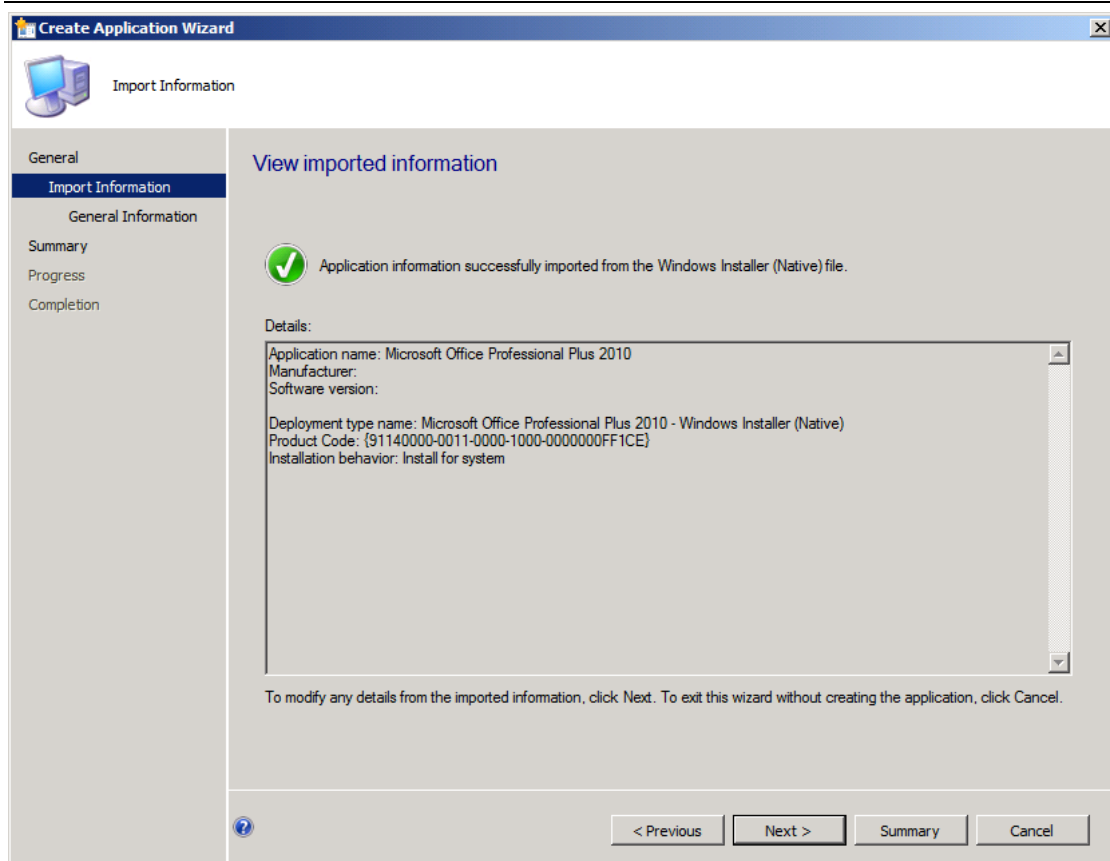
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[http://blogs.technet.com/b/justin\\_gao](http://blogs.technet.com/b/justin_gao)

4) Now I will to deploy Office 2010 Professional Plus x64 software , but they maybe have more type , like EXE , MSI or App-V . In here , I will first deploy MSI type. In **Type** field , confirm selected **Windows Installer (Native)** item , click **Browse...** to specified Office 2010 installation folder path :



5) Click **Next** , will into **Import Information** page :

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6) Click **Next** , into **General Information** page :

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The screenshot shows the 'Create Application Wizard' window with the 'General Information' tab selected. The window title is 'Create Application Wizard'. On the left is a navigation pane with links: General, Import Information, General Information (selected), Summary, Progress, and Completion. The main area is titled 'Specify information about this application'. It contains several input fields: 'Name' (Microsoft Office Professional Plus 2010), 'Administrator comments' (empty), 'Manufacturer' (empty), 'Software version' (empty), 'Optional reference' (empty), and 'Administrative categories' (empty with a 'Select...' button). Below these is a section 'Specify the installation program for this application and the required installation rights.' containing an 'Installation program' field with the text 'msiexec /i "ProPlusWW.msi" /q' and a 'Browse...' button. There is a checkbox 'Run installation program as 32-bit process on 64-bit clients.' which is unchecked. At the bottom is an 'Install behavior' dropdown menu set to 'Install for system'. At the very bottom are buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

7) In this page , you can type some information , in **Install behavior** , you need to select **Install for user** :

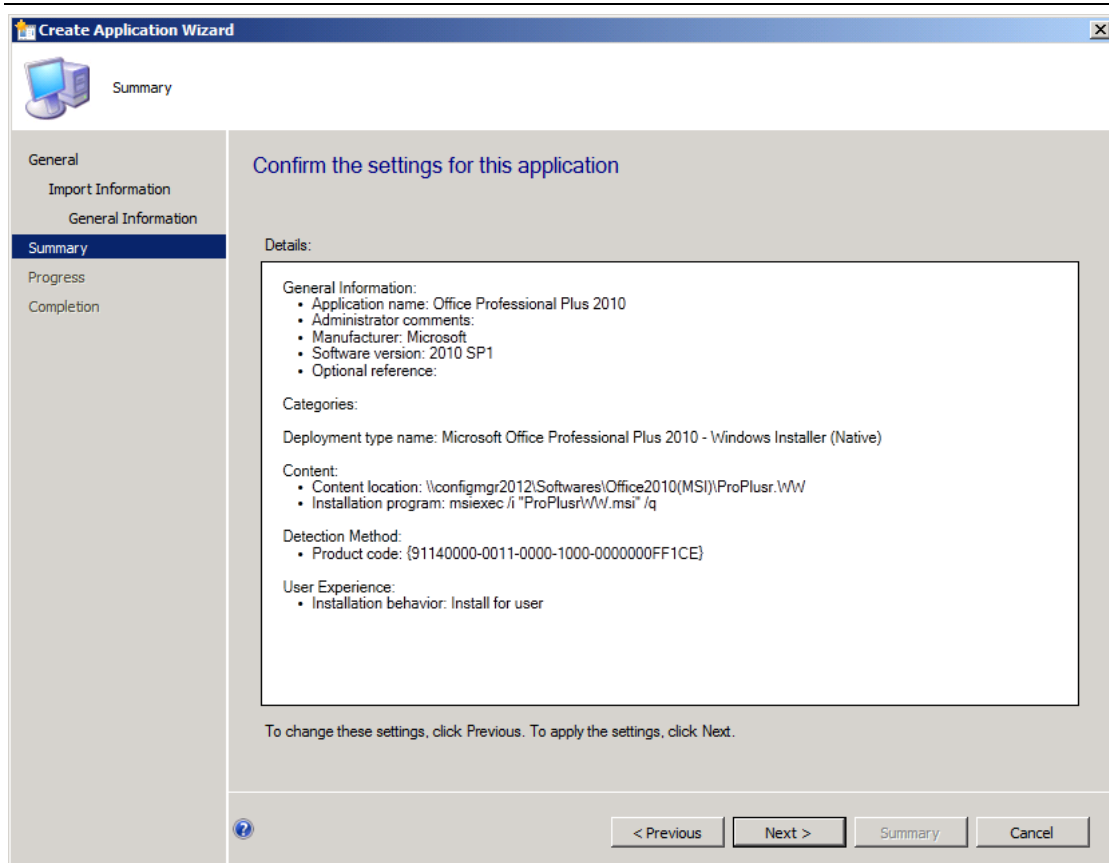


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The screenshot shows the 'Create Application Wizard' window with the 'General Information' tab selected. The window title is 'Create Application Wizard'. On the left, a navigation pane lists 'General', 'Import Information', 'General Information' (selected), 'Summary', 'Progress', and 'Completion'. The main area is titled 'Specify information about this application'. It contains several input fields: 'Name' (Office Professional Plus 2010), 'Administrator comments' (empty), 'Manufacturer' (Microsoft), 'Software version' (2010 SP1), 'Optional reference' (empty), and 'Administrative categories' (empty with a 'Select...' button). Below these, a section titled 'Specify the installation program for this application and the required installation rights.' contains an 'Installation program' field with the text 'msiexec /i "ProPlusWW.msi" /q' and a 'Browse...' button. There is an unchecked checkbox for 'Run installation program as 32-bit process on 64-bit clients.' and an 'Install behavior' dropdown set to 'Install for user'. At the bottom, there are buttons for '< Previous', 'Next >', 'Summary', and 'Cancel'.

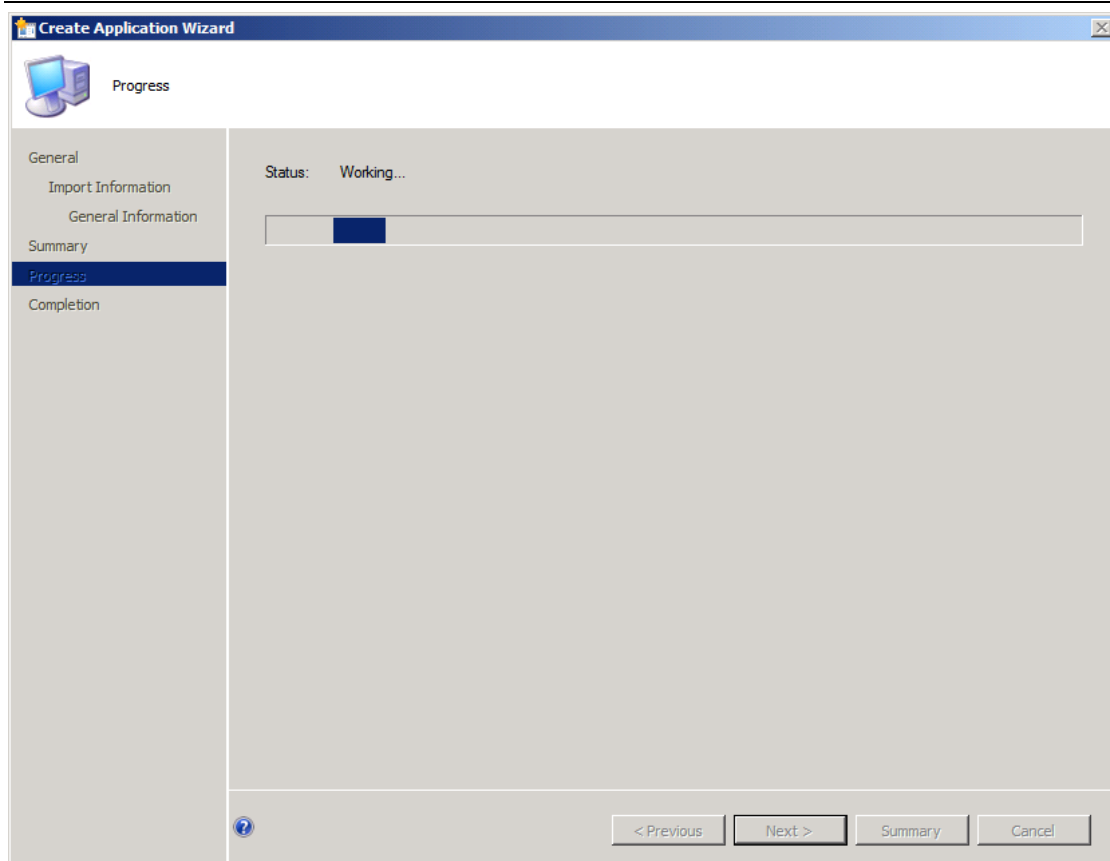
8) Click **Next** , will into **Summary** page :

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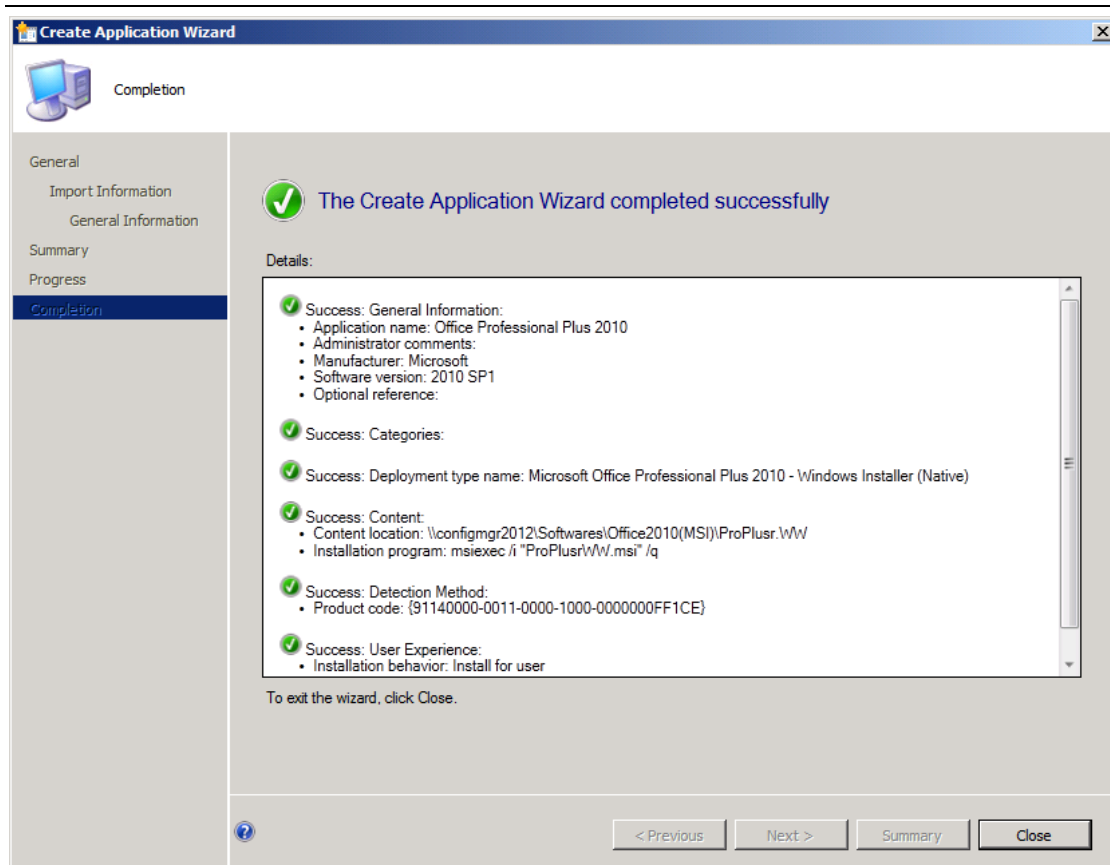


9) Click **Next** , will into **Progress** page :

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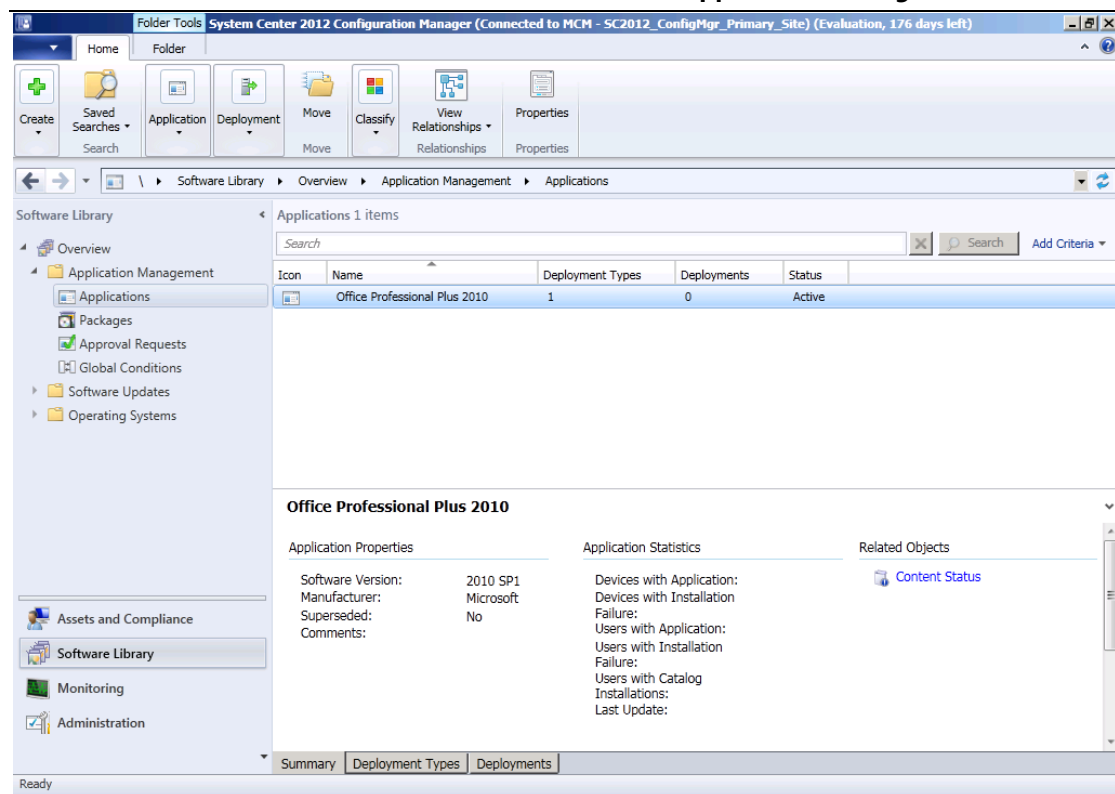


10) Wait some seconds , will display **Completion** page :

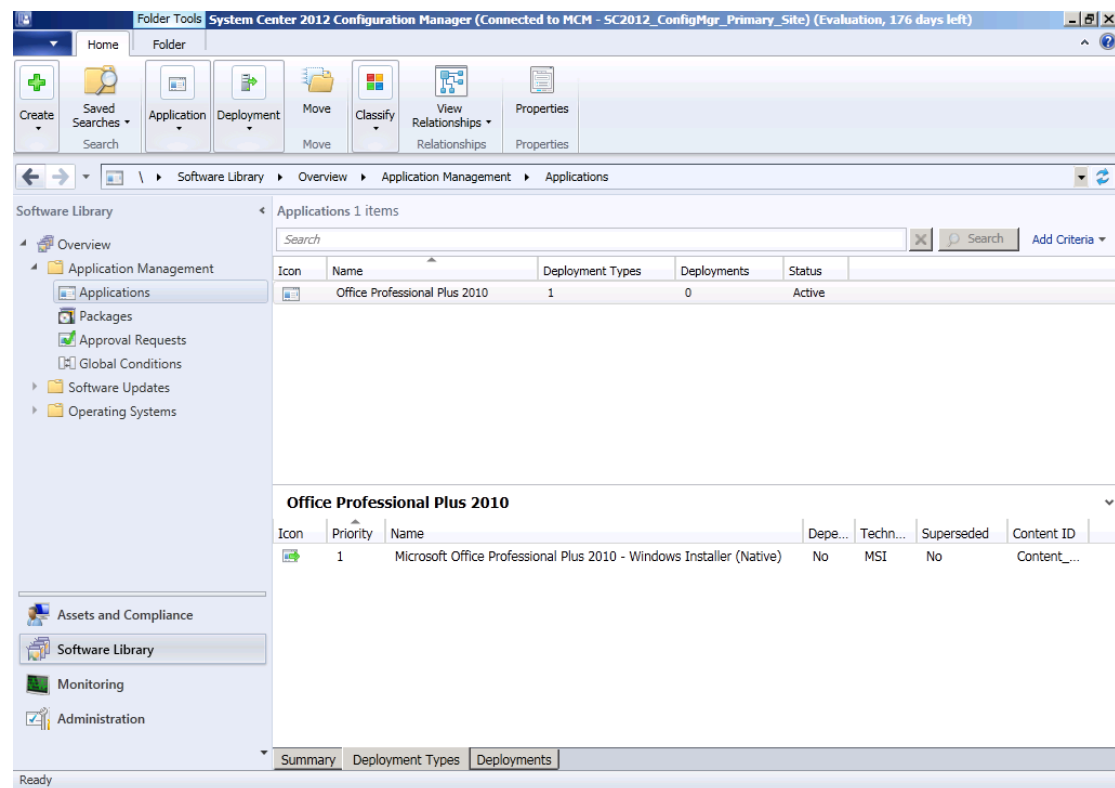


11) Click **Close** will back to **Applications** node , you can see just created application , in **Summary** page , you can see this application some information:

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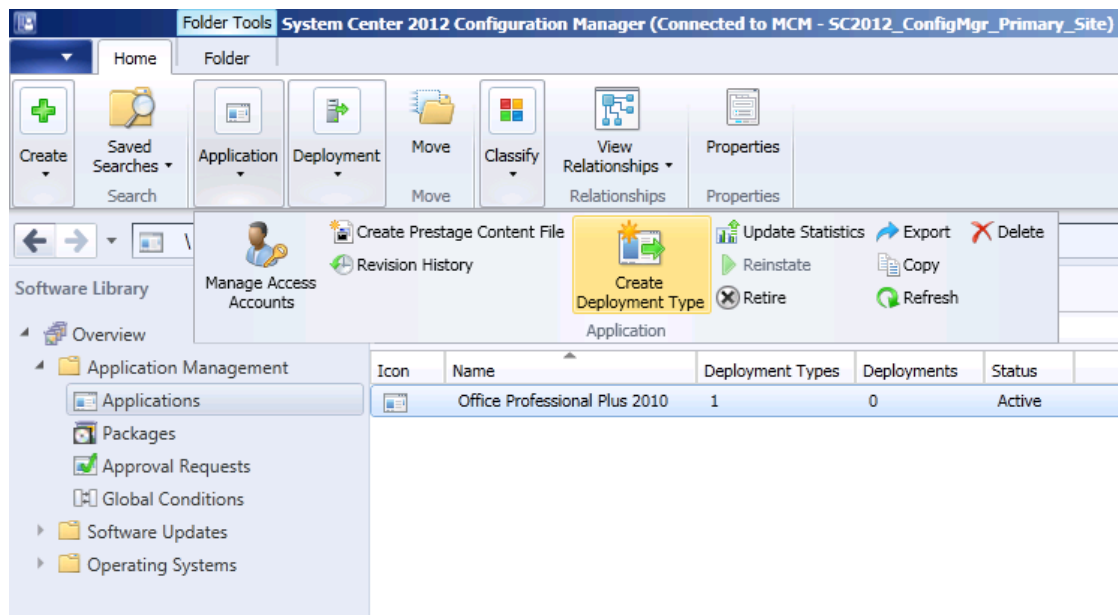
12) Click **Deployment Types** page , you can see one deployment type :



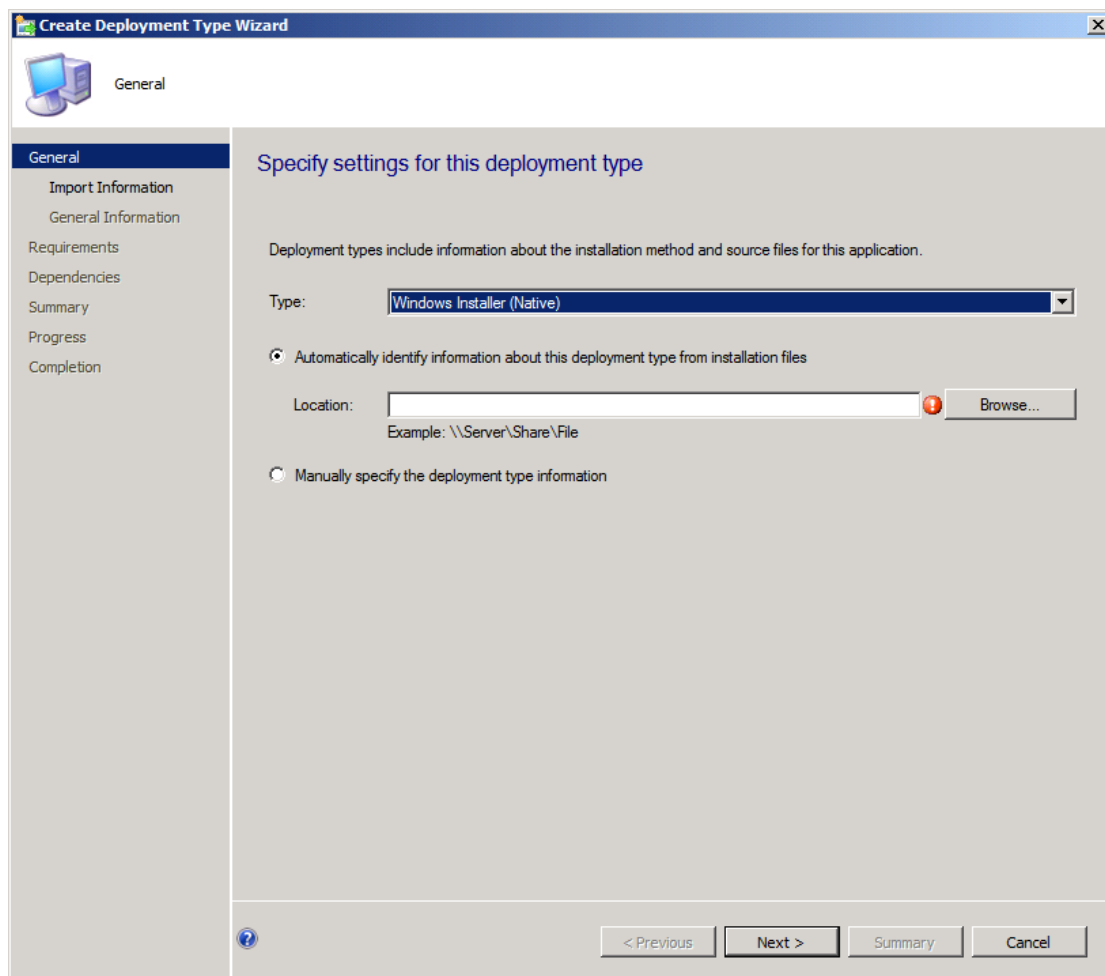
13) Now I will deploy another type Office 2010 in the same application , in

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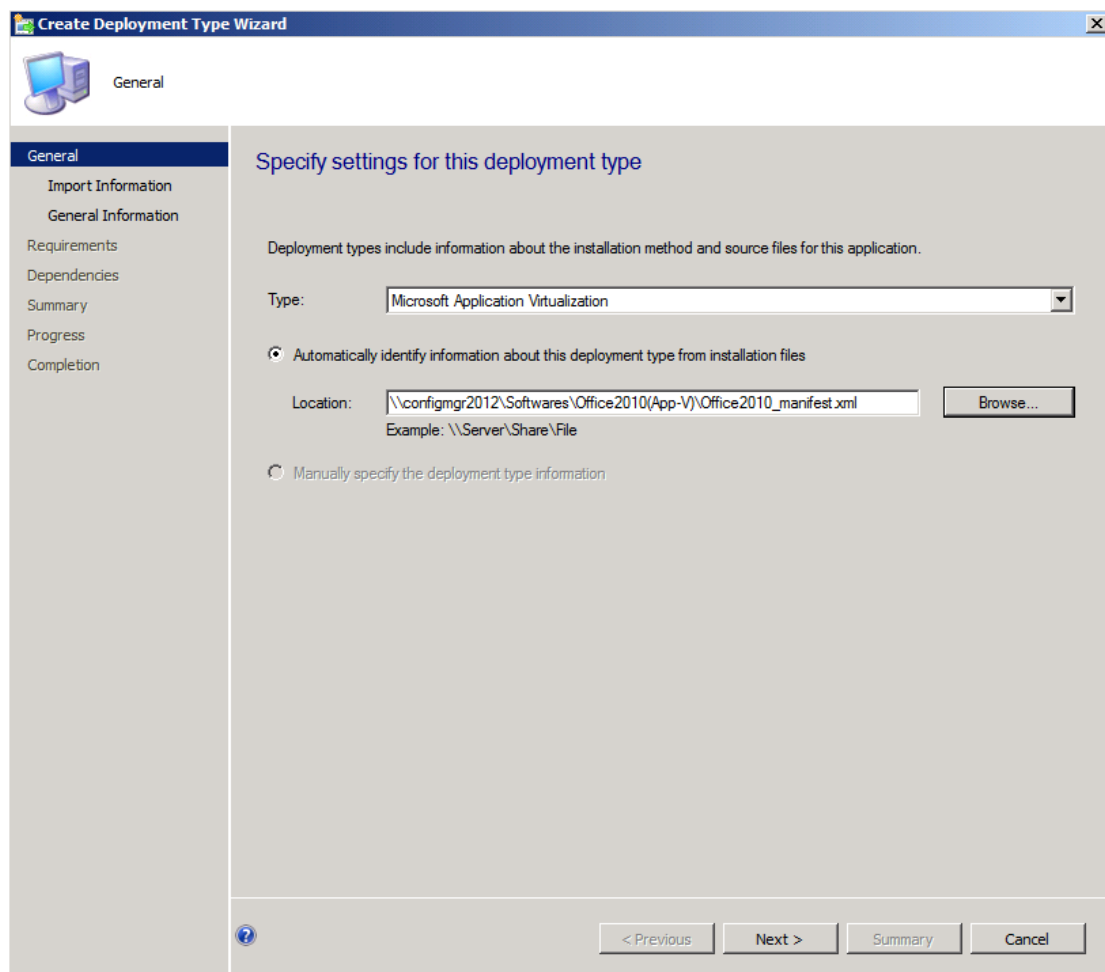
Ribbon zone , click **Application---Create Deployment Type** :



14) Will display **Create Deployment Type Wizard** :

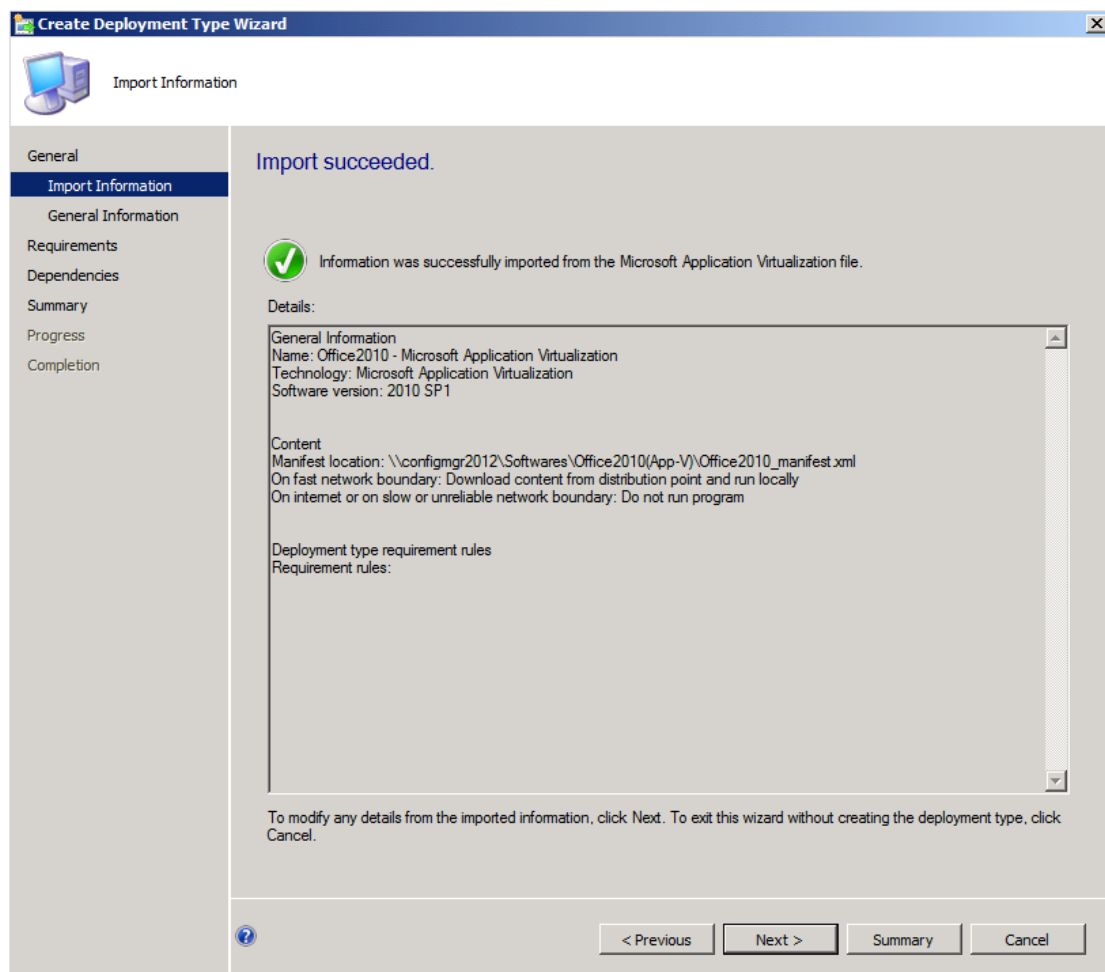


15) In **Type** list , select **Microsoft Application Virtualization** item , click **Browse...** to specified software installation files path :



16) Click **Next** , will into **Import Information** page :





17) Click **Next** , will into **General Information** page :

The screenshot shows the 'Create Deployment Type Wizard' dialog box with the 'General Information' tab selected. The wizard is titled 'Create Deployment Type Wizard' and has a close button (X) in the top right corner. On the left side, there is a navigation pane with the following options: General (selected), Import Information, General Information, Requirements, Dependencies, Summary, Progress, and Completion. The main area of the wizard is titled 'Specify information about this deployment type'. It contains the following fields and controls:

- Name:** A text box containing 'Office2010 - Microsoft Application Virtualization'.
- Administrator comments:** A text box with up and down arrow buttons on the right.
- Languages:** A dropdown menu with a 'Select...' button to its right.
- How will this content be downloaded on the clients from distribution points?** A section header.
- When a client is connected to the internet or is within a fast network boundary:** A dropdown menu with 'Download content from distribution point and run locally' selected.
- When a client is connected within a slow or unreliable network boundary:** A dropdown menu with 'Do not download' selected.

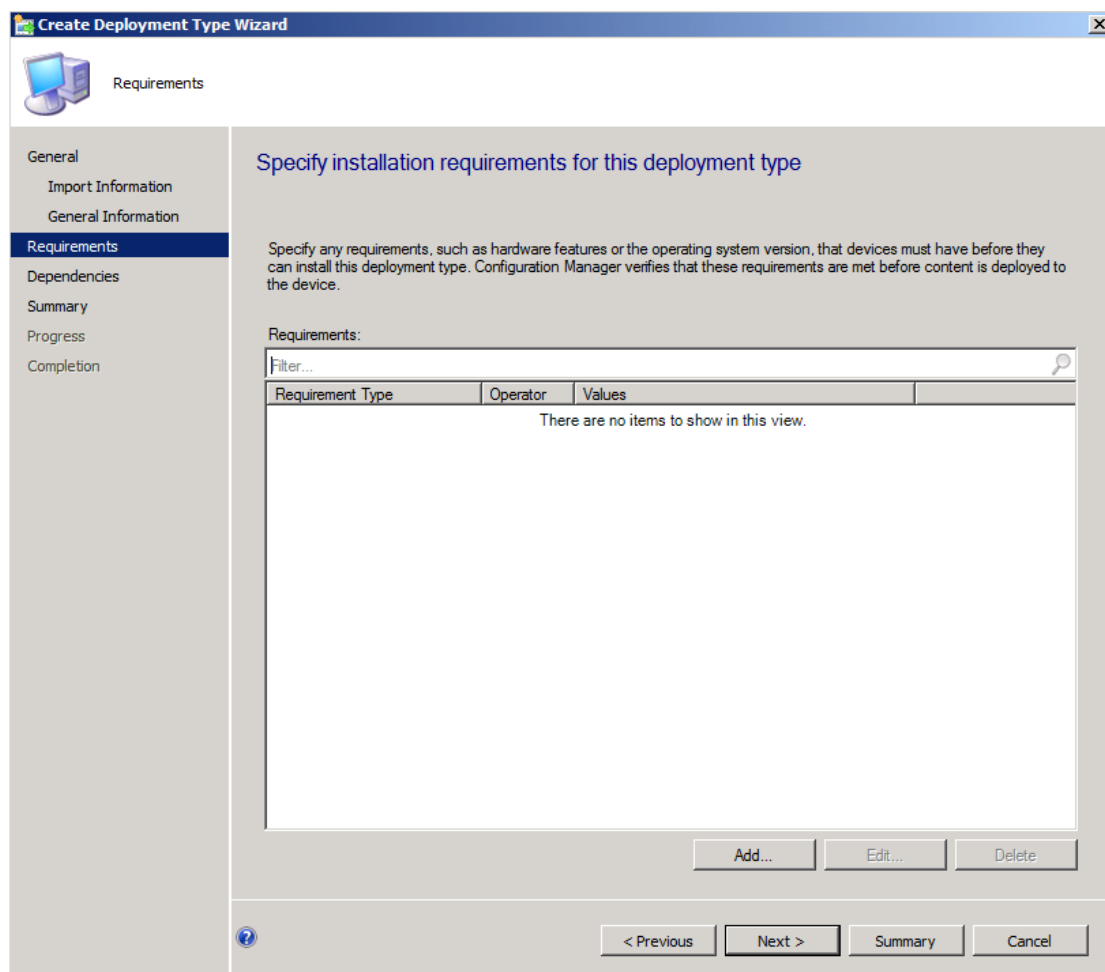
At the bottom of the wizard, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. A help icon (?) is located to the left of the 'Next >' button.

18) You can setting some settings based on you requirements :

The screenshot shows the 'Create Deployment Type Wizard' window with the 'General Information' tab selected. The window title is 'Create Deployment Type Wizard'. The left sidebar contains the following options: General (selected), Import Information, General Information, Requirements, Dependencies, Summary, Progress, and Completion. The main area is titled 'Specify information about this deployment type'. It contains the following fields and controls:

- Name:** A text box containing 'Microsoft Office Professional Plus 2010 - Microsoft Application Virtualization'.
- Administrator comments:** A text box with up and down arrow buttons on the right.
- Languages:** A dropdown menu with a 'Select...' button to its right.
- How will this content be downloaded on the clients from distribution points?** A section header.
- When a client is connected to the internet or is within a fast network boundary:** A dropdown menu with 'Stream content from distribution point' selected.
- When a client is connected within a slow or unreliable network boundary:** A dropdown menu with 'Do not download' selected.
- Navigation buttons:** '< Previous', 'Next >', 'Summary', and 'Cancel'.

19) Click **Next** , will into **Requirements** page :



20) About requirements , I will setting in the later , so click **Next** , will into **Dependencies** page :

The screenshot shows the 'Create Deployment Type Wizard' window with the 'Dependencies' page selected. The left sidebar contains a tree view with the following items: General, Import Information, General Information, Requirements, Dependencies (selected), Summary, Progress, and Completion. The main area is titled 'Specify software dependencies for this deployment type'. Below the title, it states: 'Software dependencies are deployment types that must be installed before this deployment type can be installed.' Underneath, it says 'Software dependencies:' followed by a table with the following headers: Name, Supported Application, Deployment Type, and Automatically Install. The table is currently empty. At the bottom right of the table area are three buttons: 'Add...', 'Edit...', and 'Delete'. At the very bottom of the wizard are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

Dependencies

Specify software dependencies for this deployment type

Software dependencies are deployment types that must be installed before this deployment type can be installed.

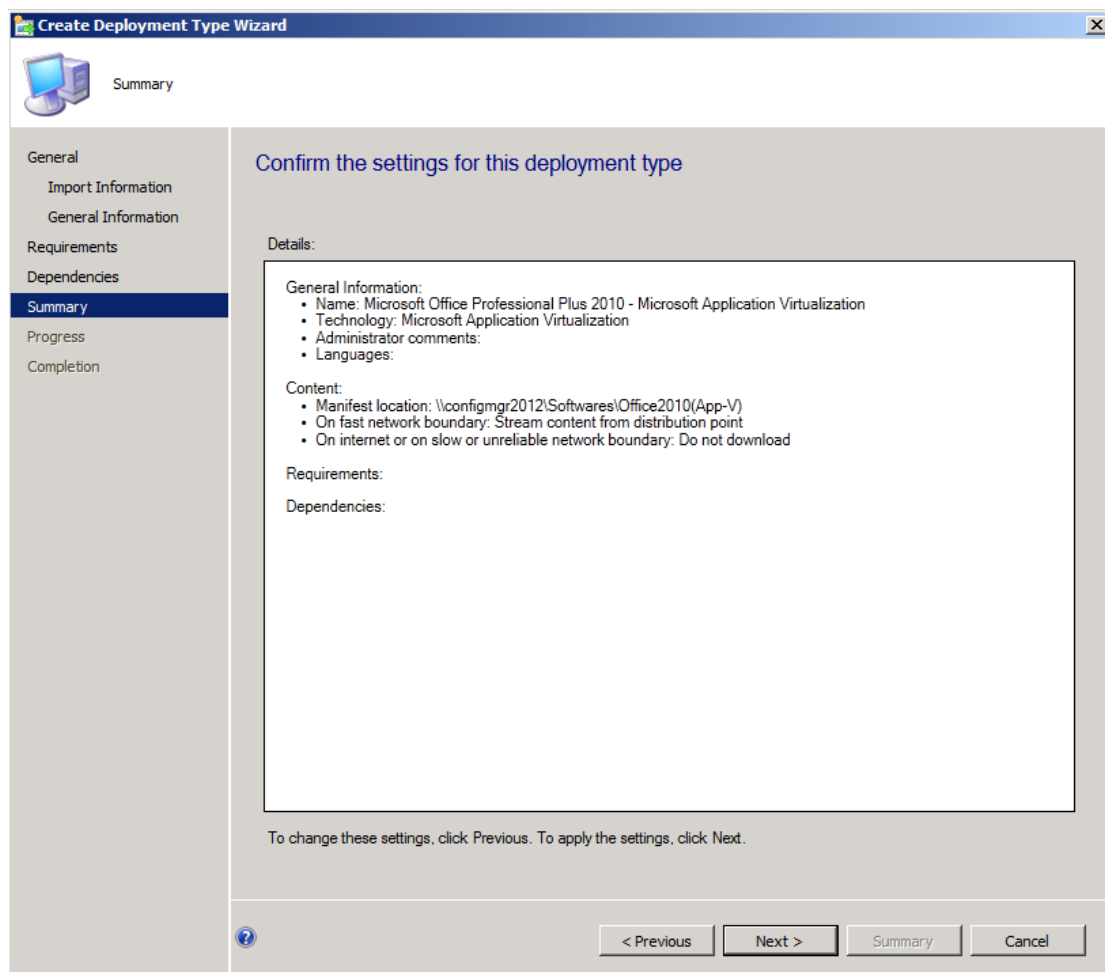
Software dependencies:

Name	Supported Application	Deployment Type	Automatically Install
------	-----------------------	-----------------	-----------------------

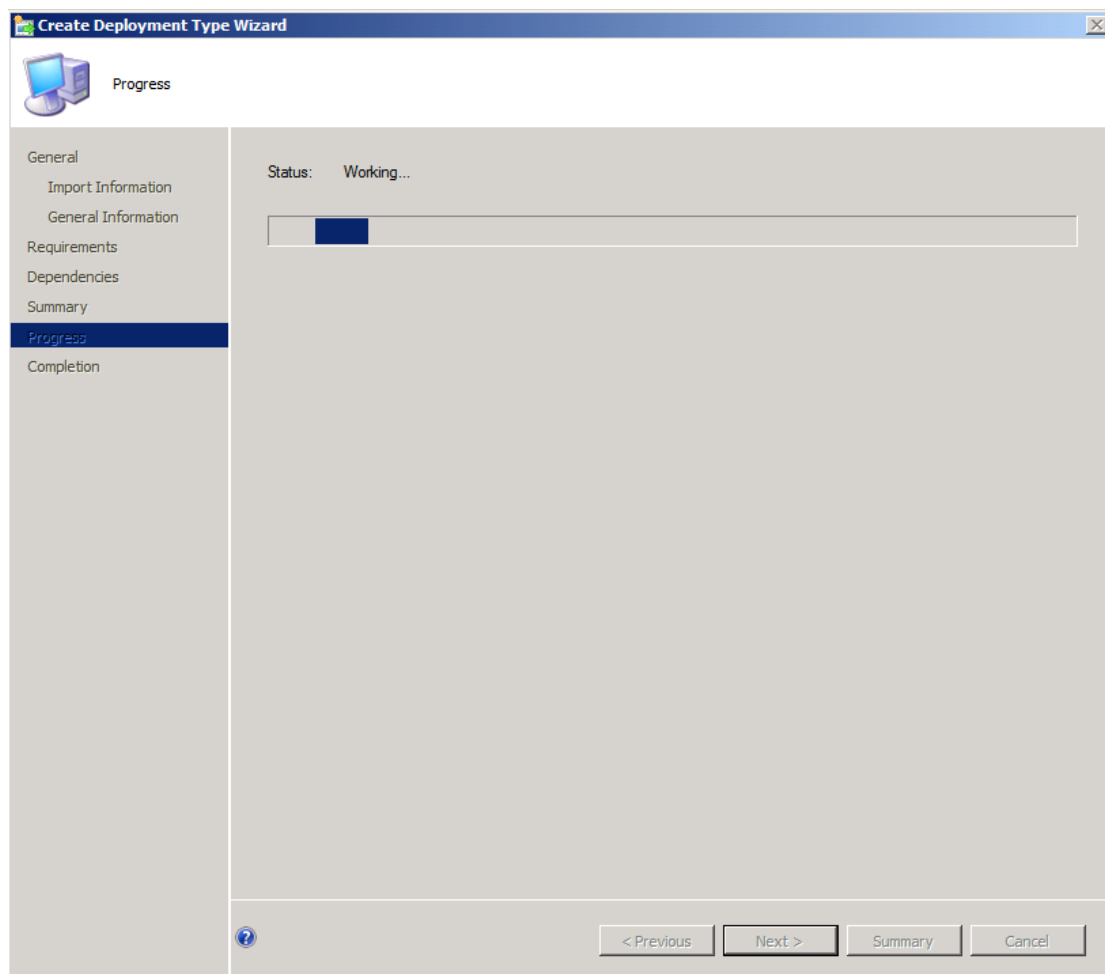
Add... Edit... Delete

< Previous Next > Summary Cancel

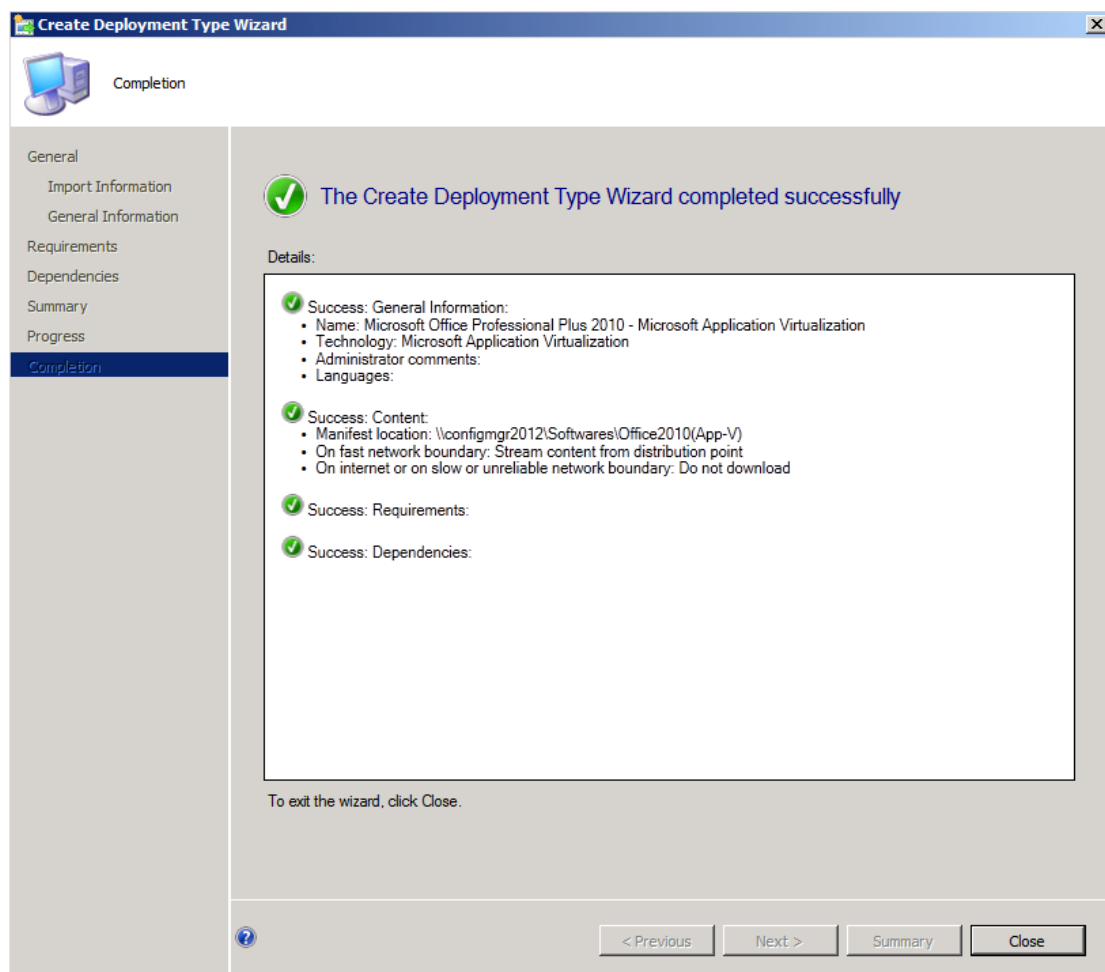
21) Click **Next** , will into **Summary** page :



22) Confirm all settings and click **Next** , will into **Progress** page :



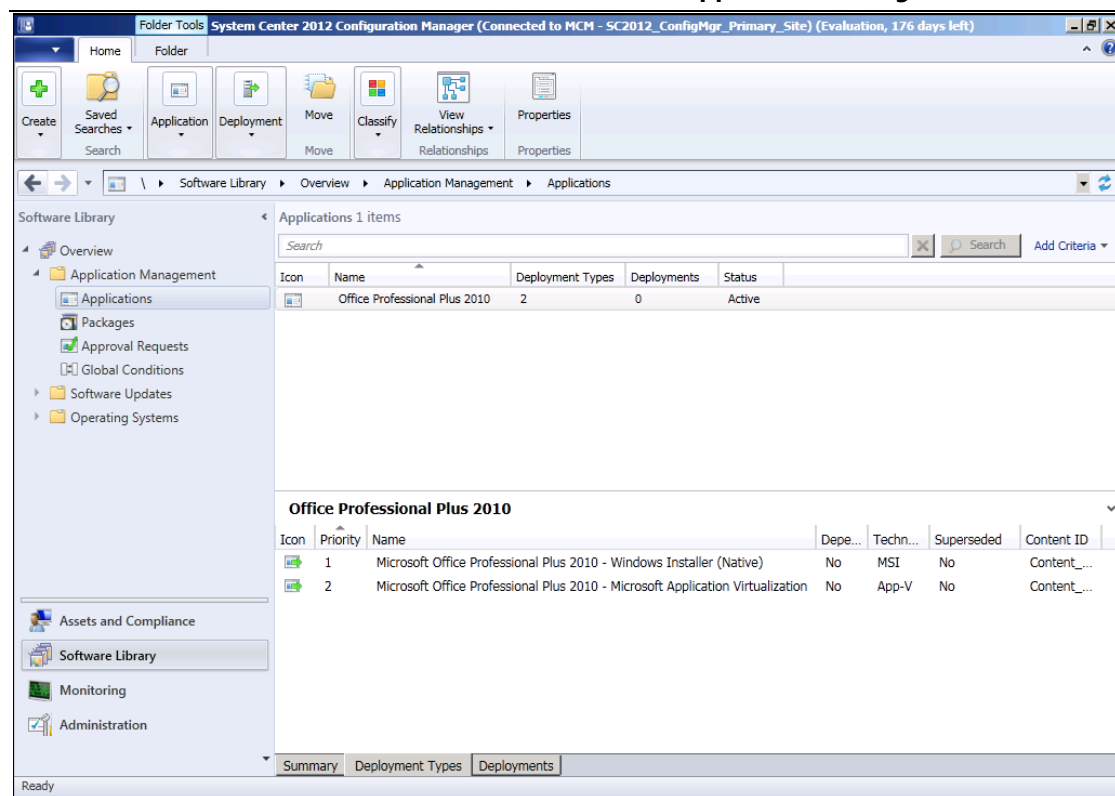
23) Wait some seconds , will display **Completion** page :



24) Click **Close** will back to **Applications** node , now you can see this application will have two deployment type :

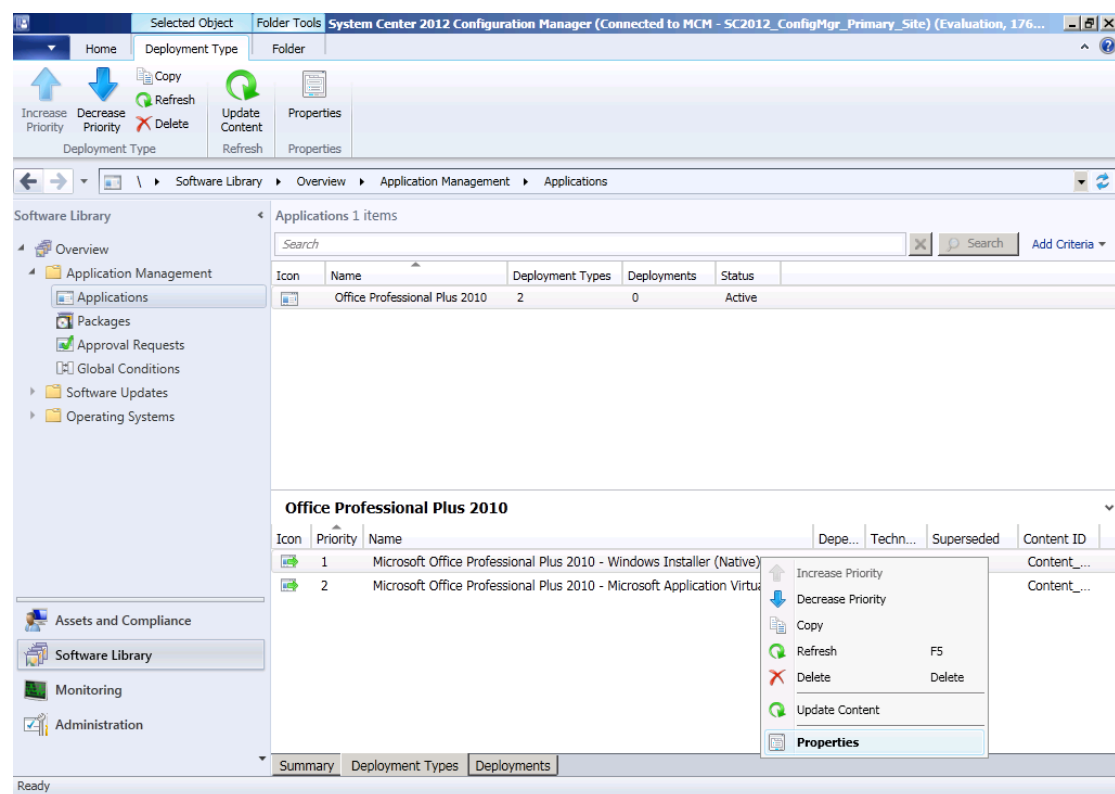


# System Center 2012 Configuration Manager RTM Application Management Document



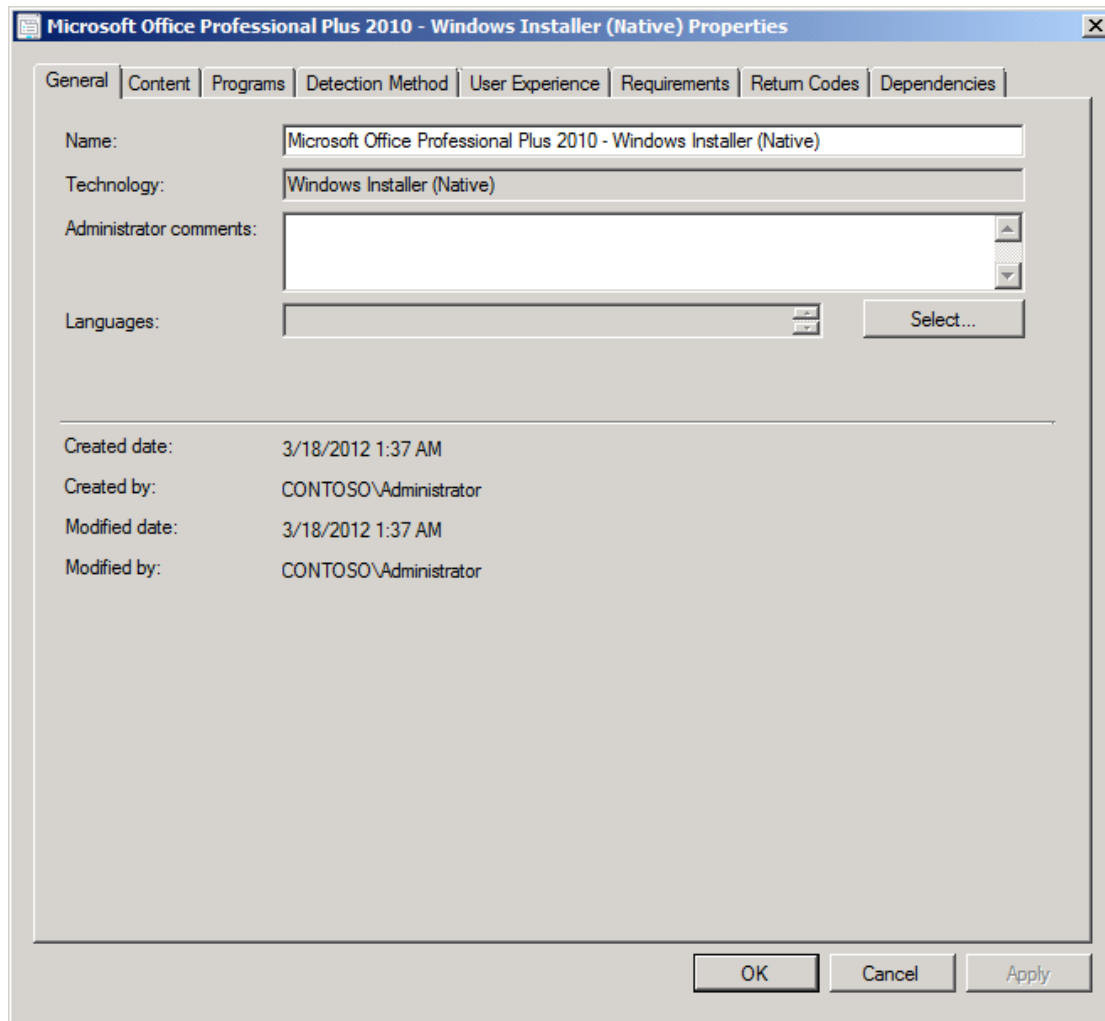
25) Right-click **Windows Installer (Native)** deployment type and select

**Properties :**

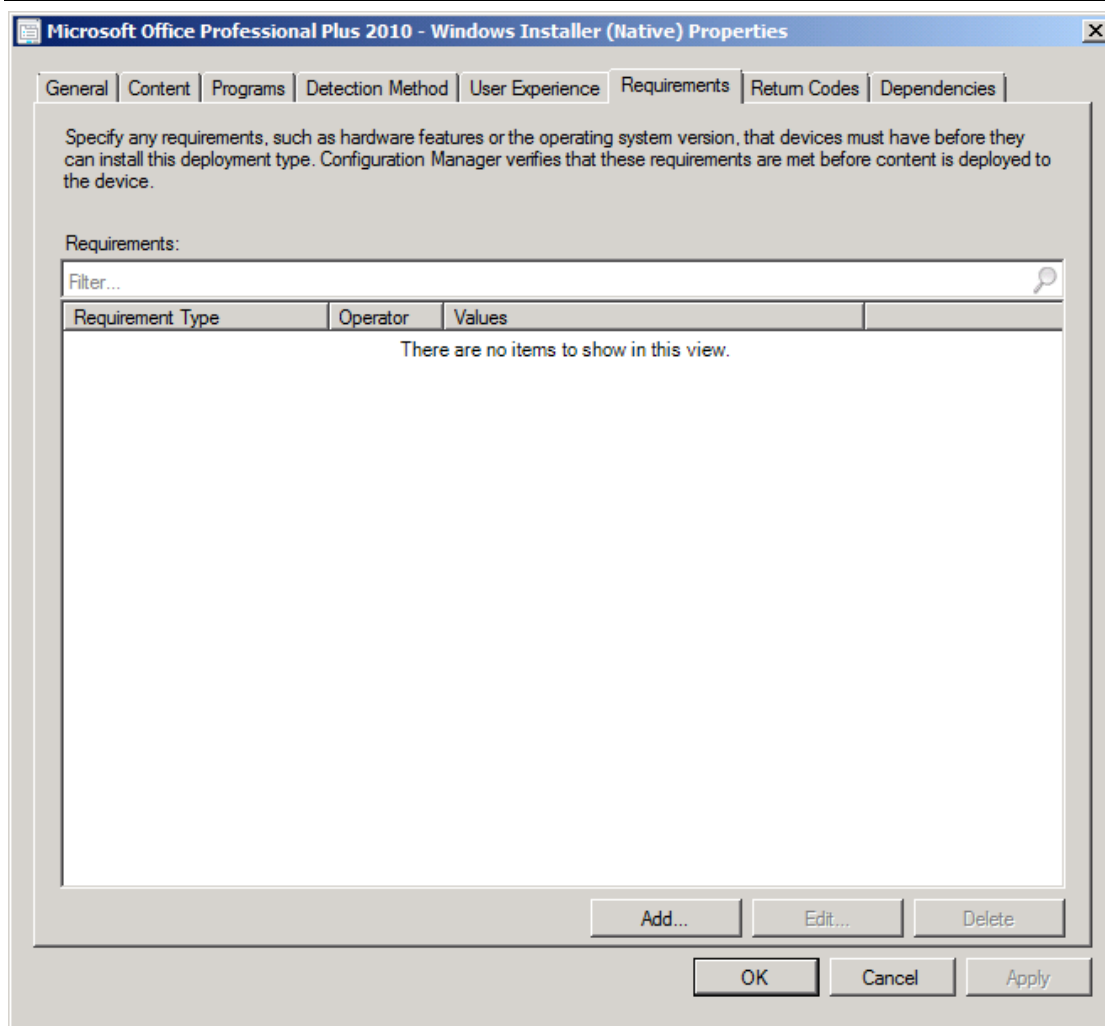


Justin Gao 高扬  
yanga@microsoft.com  
[http://blogs.technet.com/b/justin\\_gao](http://blogs.technet.com/b/justin_gao)

26) The **Properties** box will opened :



27) Click **Requirements** page :



28) Click **Add...** , will display **Create Requirement** box :

**Create Requirement**

Category: Device

Condition: Total physical memory

Rule type: Value

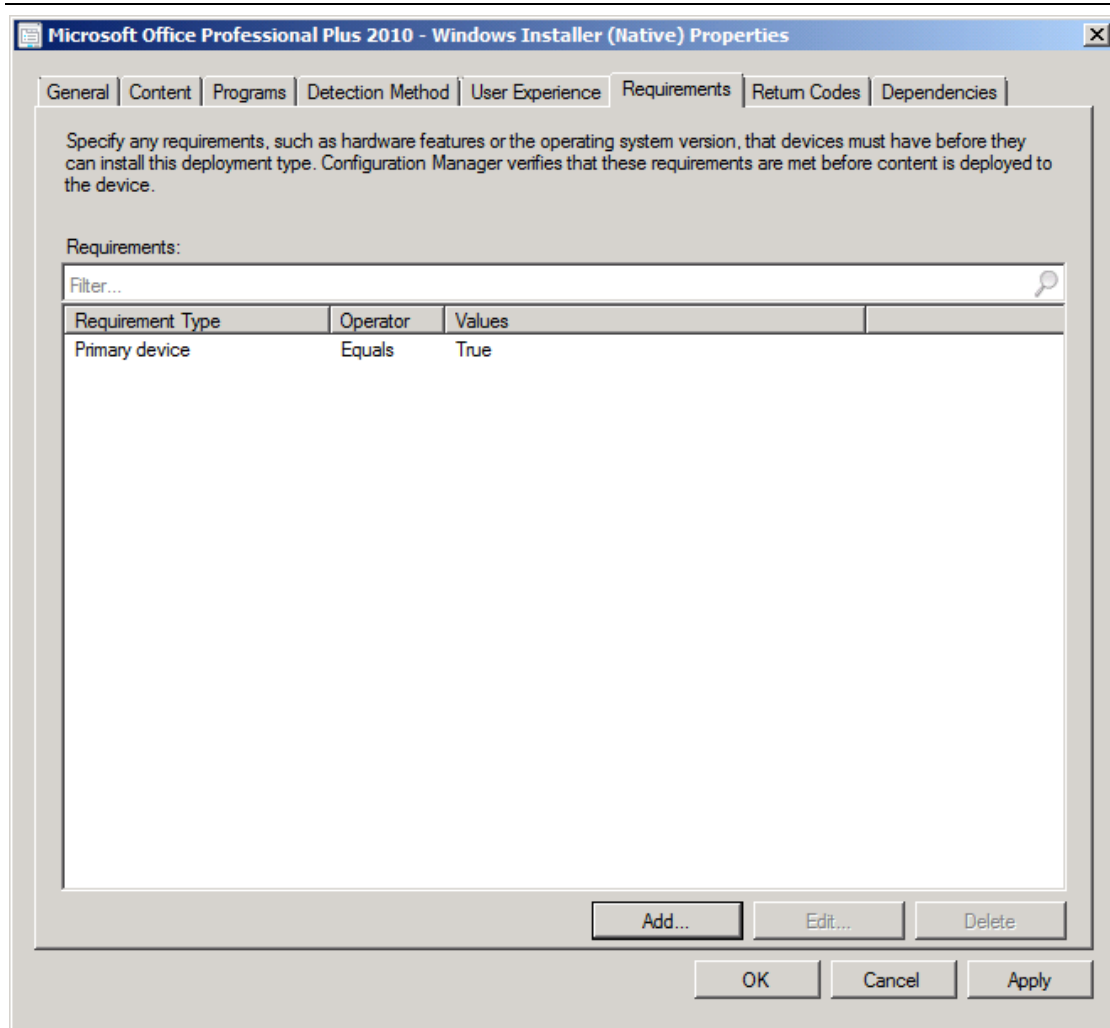
Operator: Greater than or equal to

Value (MB):

29) In **Category** field , select **User** , **Condition** select **Primary device** , **Value**  
select **True** :

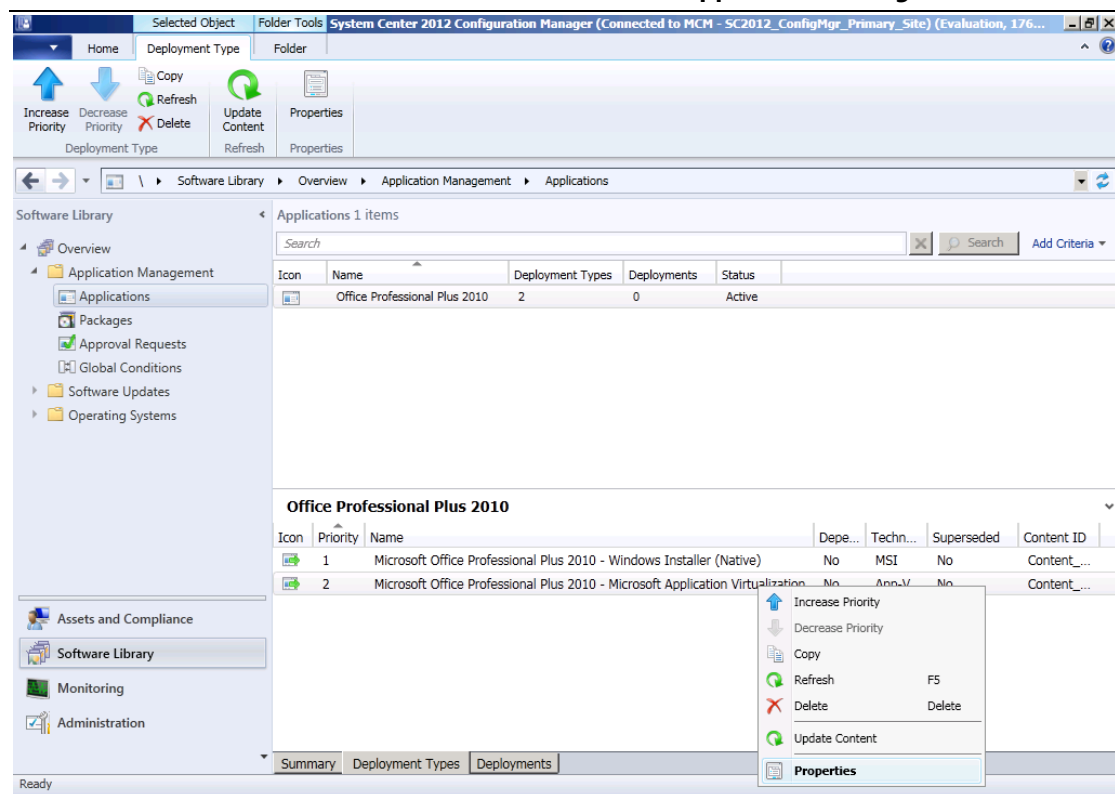
The screenshot shows the 'Create Requirement' dialog box. The 'Category' dropdown is set to 'User'. The 'Condition' dropdown is set to 'Primary device', with a 'Create...' button to its right. The 'Rule type' dropdown is set to 'Value'. The 'Operator' dropdown is set to 'Equals'. The 'Value' dropdown is set to 'True'. The 'OK' and 'Cancel' buttons are at the bottom right.

30) This requirement rule is indicate , if a user logon to device that this device assigned to this user being a primary device , will install MSI type Office 2010. Click **OK** will back to **Requirements** page :



31) Click **Apply** --- **OK** . Right-click **Microsoft Application Virtualization** deployment type and click **Properties** :

# System Center 2012 Configuration Manager RTM Application Management Document



32) The **Properties** box will opened :

Microsoft Office Professional Plus 2010 - Microsoft Application Virtualization Properties

General | Content | Publishing | Requirements | Dependencies

Name: Microsoft Office Professional Plus 2010 - Microsoft Application Virtualization

Technology: Microsoft Application Virtualization

Administrator comments:

Languages: Select...

---

Created date: 3/18/2012 2:02 AM

Created by: CONTOSO\Administrator

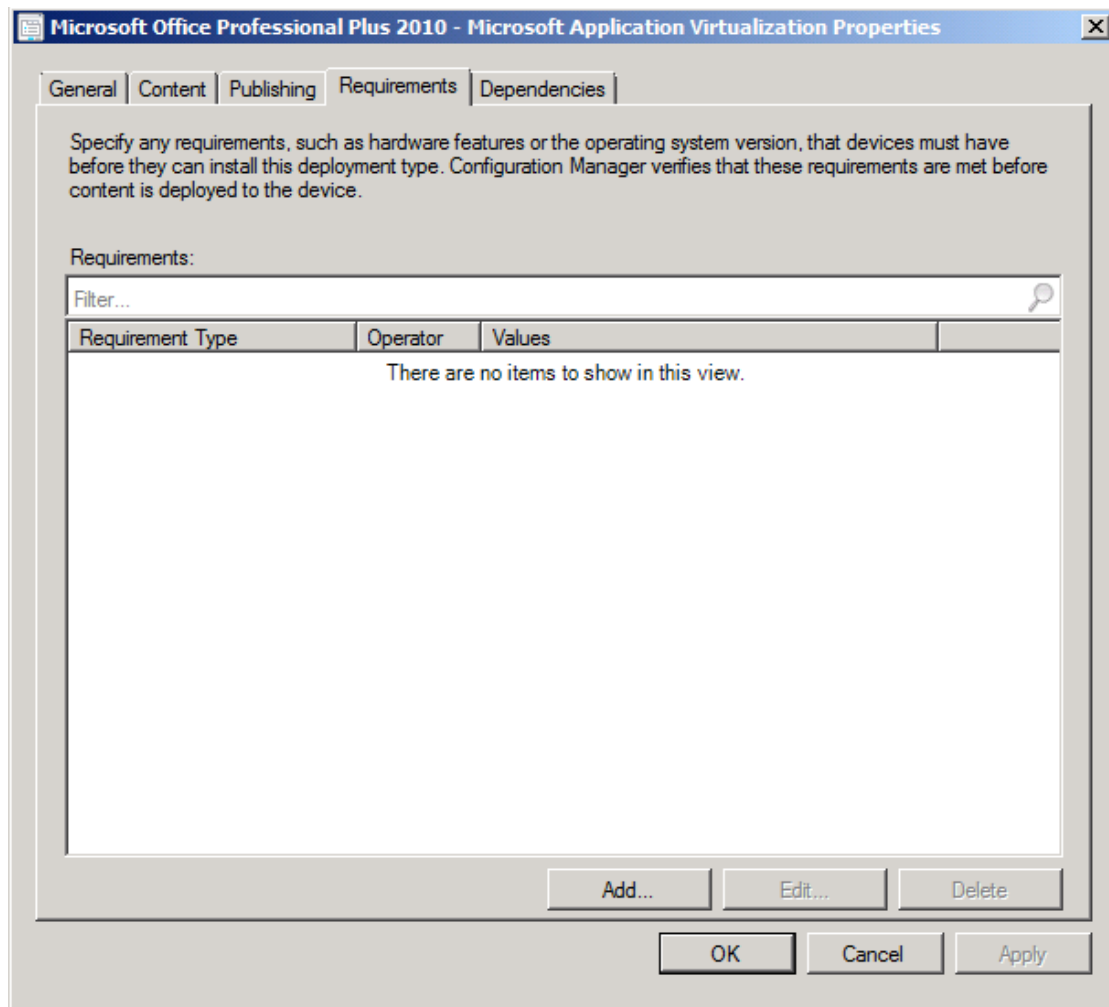
Modified date: 3/18/2012 2:02 AM

Modified by: CONTOSO\Administrator

OK Cancel Apply

33) Click **Requirements** page :





34) Click **Add...** will display **Create Requirement** box :

**Create Requirement**

Category: User

Condition: Primary device Create...

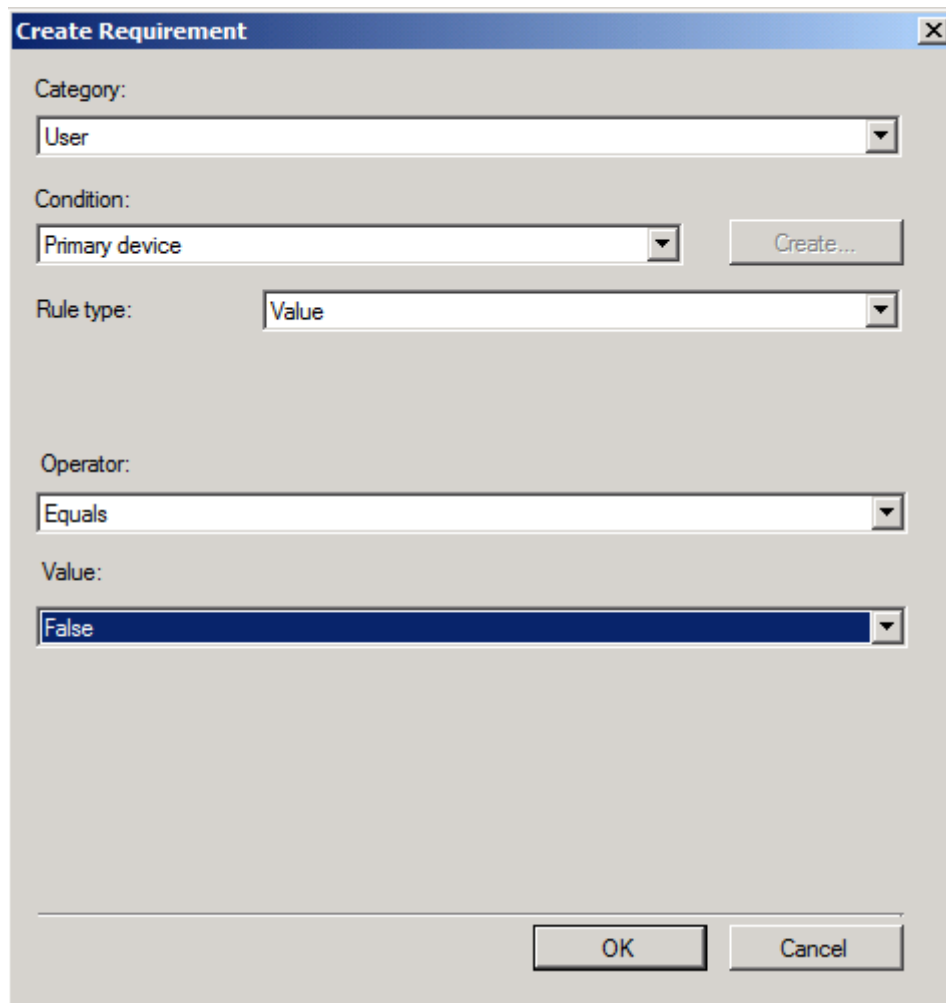
Rule type: Value

Operator: Equals

Value: True

OK Cancel

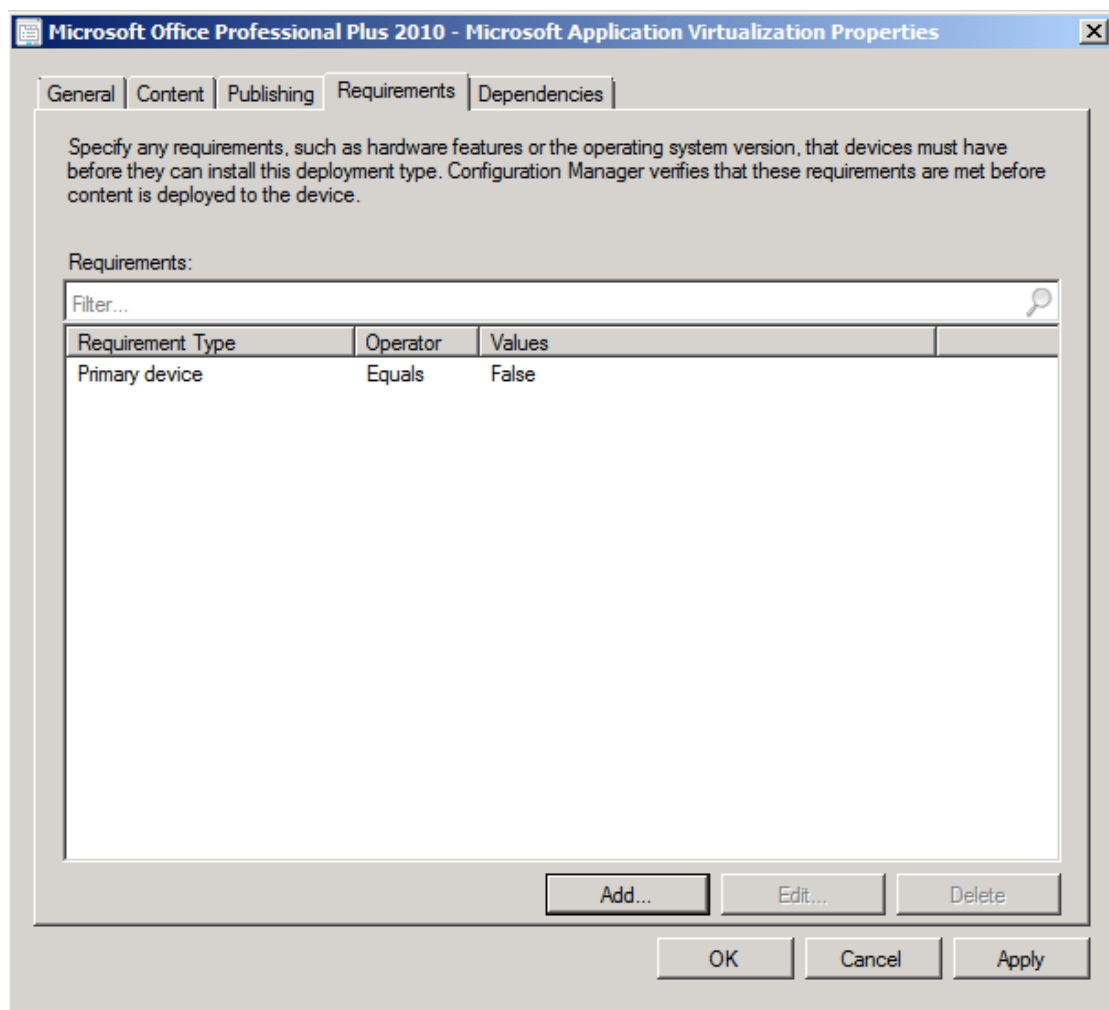
35) Change **True** to **False** in **Value** field :



The image shows a 'Create Requirement' dialog box with the following fields and controls:

- Category:** A dropdown menu with 'User' selected.
- Condition:** A dropdown menu with 'Primary device' selected. To its right is a 'Create...' button.
- Rule type:** A dropdown menu with 'Value' selected.
- Operator:** A dropdown menu with 'Equals' selected.
- Value:** A dropdown menu with 'False' selected.
- Buttons:** 'OK' and 'Cancel' buttons are located at the bottom right of the dialog.

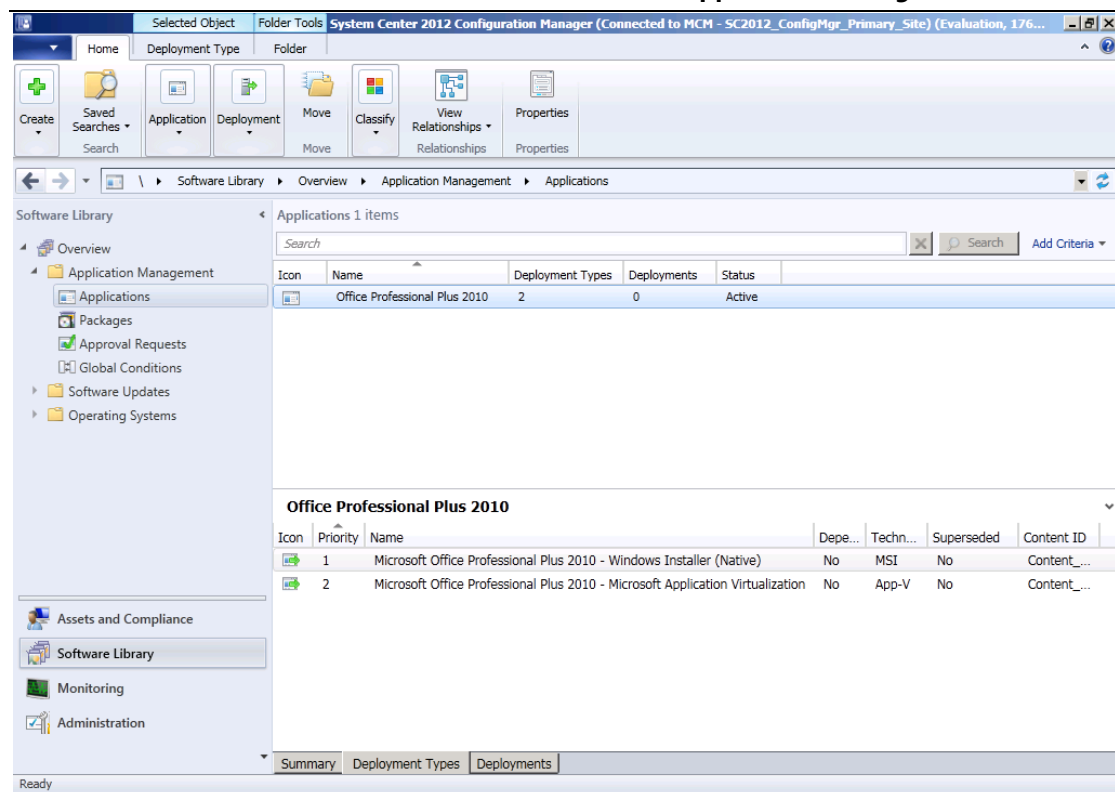
36) Click **OK** will back to **Requirements** page :



37) This requirement rule is indicate , if a user logon to device that this device not assigned to this user being a primary device , will install App-V type Office 2010.

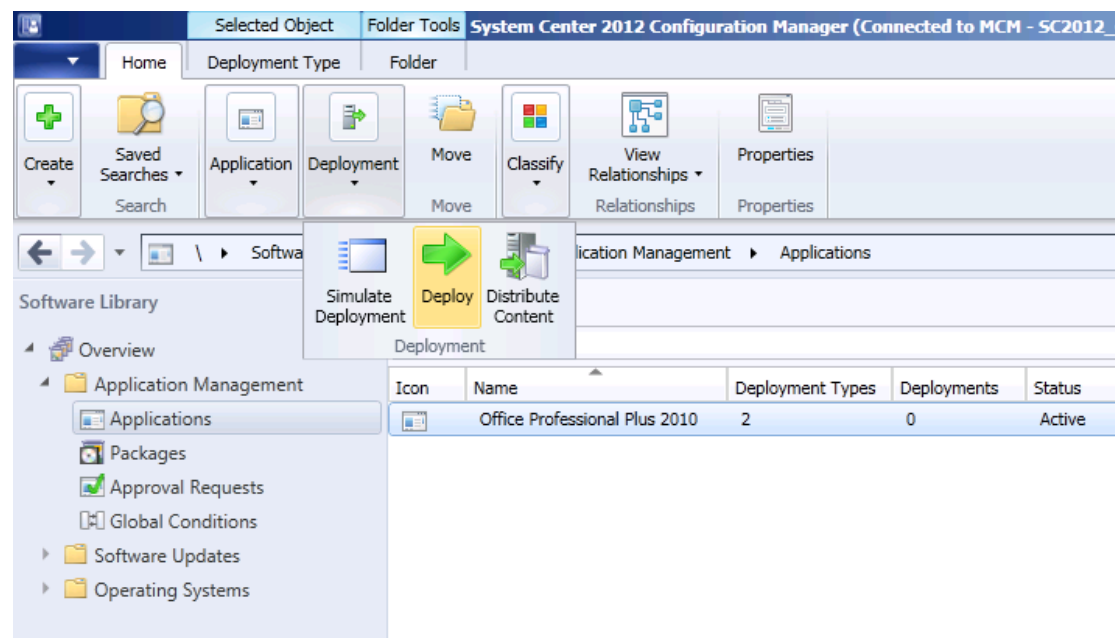
Click **Apply**---**OK** back to Applications node :

**System Center 2012  
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38) Now , I will deploy this application to user , so I will click **Deployment** ---

**Deploy** in Ribbon zone :



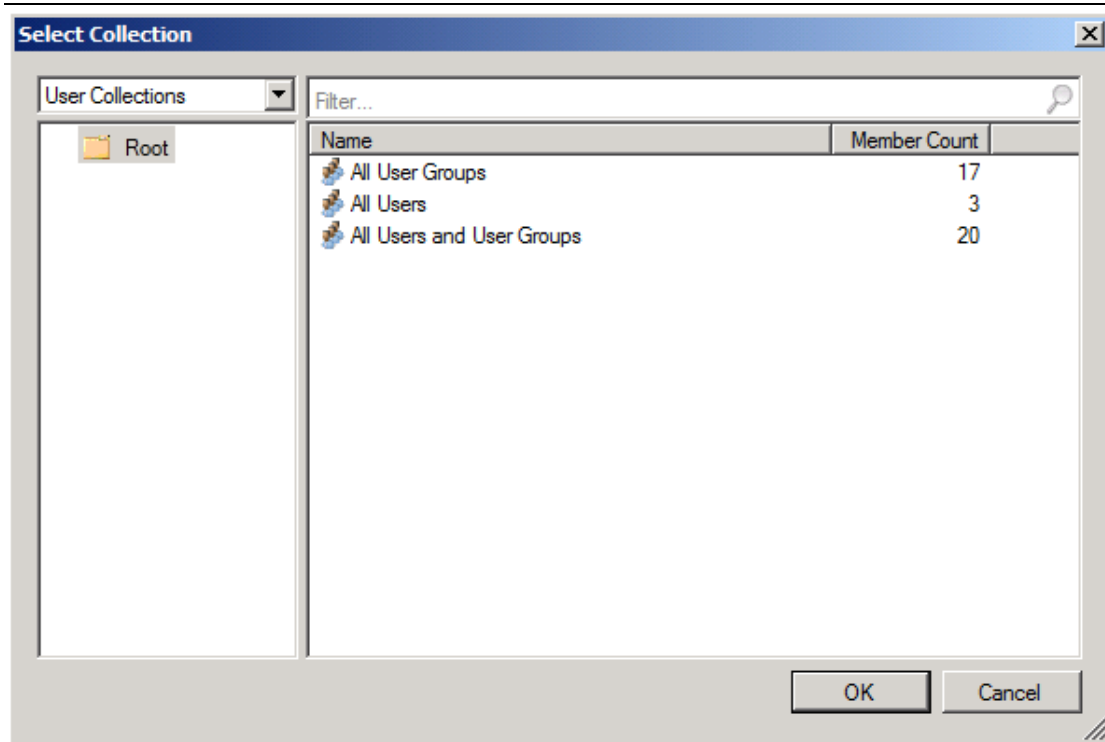
39) **Deploy Software Wizard** will opened :

The screenshot shows the 'Deploy Software Wizard' window with the 'General' tab selected. The left sidebar contains a list of steps: General, Content, Deployment Settings, Scheduling, User Experience, Alerts, Summary, Progress, and Completion. The main area is titled 'Specify general information for this deployment'. It contains the following fields and controls:

- Software:** A text box containing 'Office Professional Plus 2010' and a 'Browse...' button.
- Collection:** An empty text box with a red warning icon and a 'Browse...' button.
- ☐ Use default distribution point groups associated to this collection
- ☒ Automatically distribute content for dependencies
- Comments (optional):** A large text area for entering comments.

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

40) In **Collection** field , click **Browse...** , will display **Select Collection** box :



41) Make sure your select a Users collection and click **OK** will back to **General** page :

The screenshot shows the 'Deploy Software Wizard' window with the 'General' tab selected. The left sidebar lists the steps: General, Content, Deployment Settings, Scheduling, User Experience, Alerts, Summary, Progress, and Completion. The main area is titled 'Specify general information for this deployment'. It contains two text boxes: 'Software' with the value 'Office Professional Plus 2010' and 'Collection' with the value 'All Users and User Groups'. Each text box has a 'Browse...' button to its right. Below these are two checkboxes: 'Use default distribution point groups associated to this collection' (unchecked) and 'Automatically distribute content for dependencies' (checked). A 'Comments (optional):' label is above a large text area. At the bottom, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

Deploy Software Wizard

General

Specify general information for this deployment

Software: Office Professional Plus 2010 Browse...

Collection: All Users and User Groups Browse...

☐ Use default distribution point groups associated to this collection

☒ Automatically distribute content for dependencies

Comments (optional):

< Previous Next > Summary Cancel

42) Click **Next** , will into **Content** page :



**Deploy Software Wizard**

Content

General  
Content  
Deployment Settings  
Scheduling  
User Experience  
Alerts  
Summary  
Progress  
Completion

**Specify the content destination**

Distribution points or distribution point groups that the content has been distributed to:

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

Additional distribution points, distribution point groups, and the distribution point groups that are currently associated with collections to distribute content to:

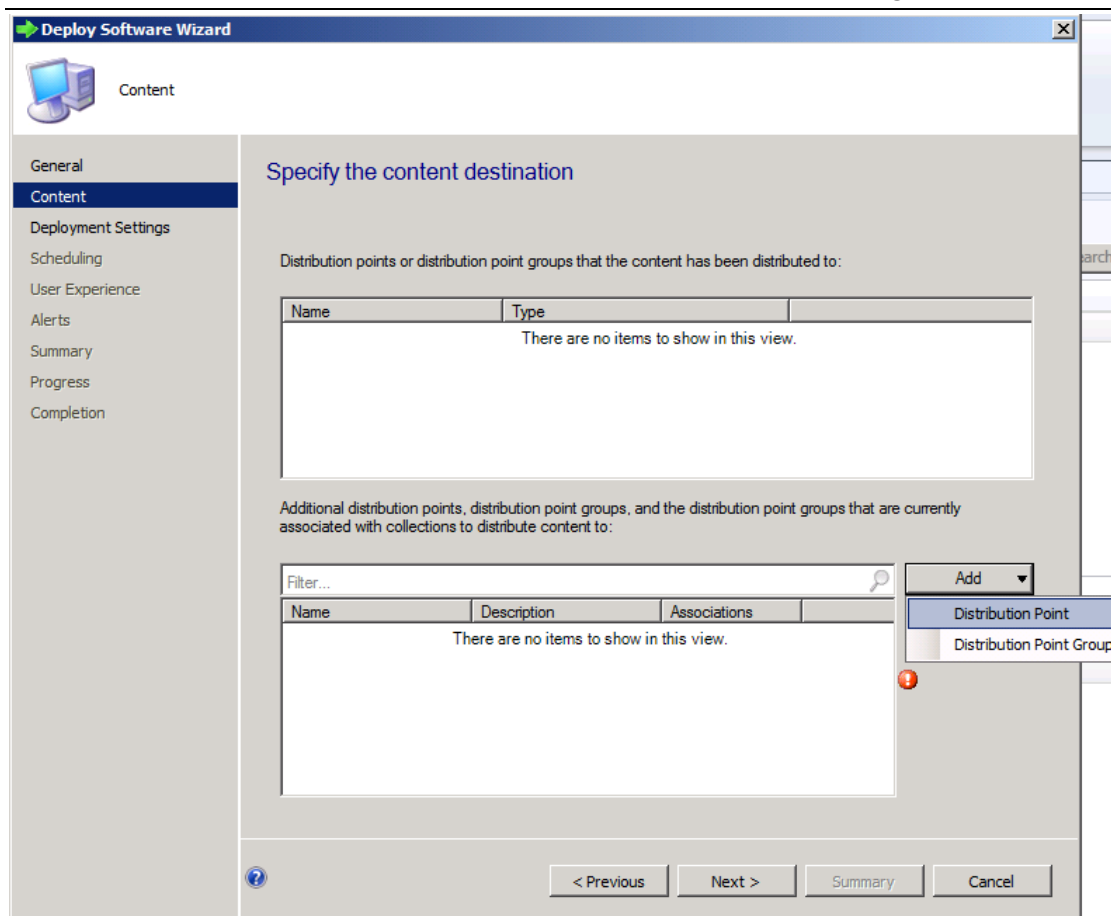
Filter...

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

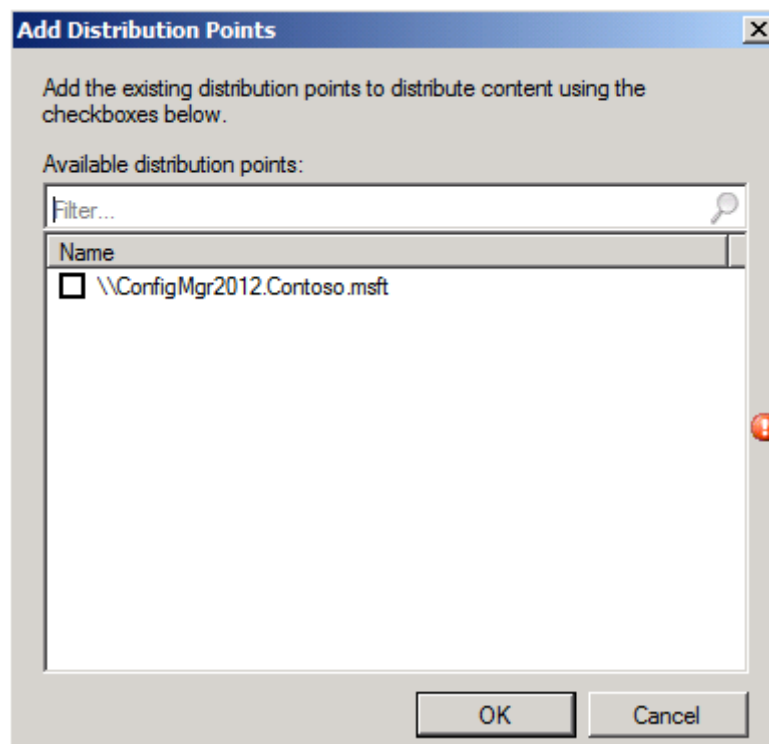
**Add** ▼  
**Remove**

< Previous   Next >   Summary   Cancel

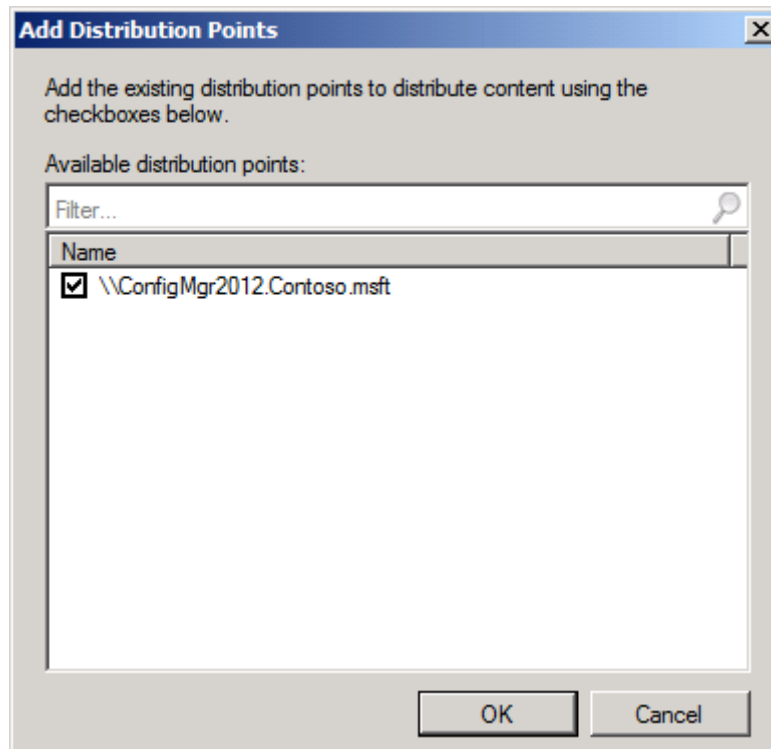
43) Click **Add** , select **Distribution Group** :



44) The **Add Distribution Points** box will opened :



45) Select this DP :



46) Click **OK** , you can see the DP has selected :

Deploy Software Wizard

Content

General  
Content  
Deployment Settings  
Scheduling  
User Experience  
Alerts  
Summary  
Progress  
Completion

### Specify the content destination

Distribution points or distribution point groups that the content has been distributed to:

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

Additional distribution points, distribution point groups, and the distribution point groups that are currently associated with collections to distribute content to:

Filter...

Name	Description	Associations
\\ConfigMgr2012.Contoso.msft	Distribution point	

Add Remove

< Previous Next > Summary Cancel

47) Click **Next** , will into **Deployment Settings** page :

Deploy Software Wizard

Deployment Settings

General  
Content  
**Deployment Settings**  
Scheduling  
User Experience  
Alerts  
Summary  
Progress  
Completion

Specify settings to control how this software is deployed

Action: Install

Purpose: Available

☐ Require administrator approval if users request this application

[?>](#) < Previous Next > Summary Cancel

48) Select **Require administrator approval if users request this application** item :

The screenshot shows the 'Deploy Software Wizard' window with the 'Deployment Settings' tab selected. The left sidebar contains a list of steps: General, Content, Deployment Settings (highlighted), Scheduling, User Experience, Alerts, Summary, Progress, and Completion. The main area is titled 'Specify settings to control how this software is deployed'. It contains two dropdown menus: 'Action' set to 'Install' and 'Purpose' set to 'Available'. Below these is a checkbox labeled 'Require administrator approval if users request this application', which is checked. At the bottom right, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. A help icon (?) is located at the bottom left of the main area.

49) Click **Next** , will into **Scheduling** page :

Deploy Software Wizard

Scheduling

General  
Content  
Deployment Settings  
**Scheduling**  
User Experience  
Alerts  
Summary  
Progress  
Completion

Specify the schedule for this deployment

This application will be available as soon as possible by default. If this application should be made available at a different time, change the availability time to the desired UTC time.

Time based on: UTC

☐ Schedule the application to be available at:

3/18/2012 9:58 AM

< Previous Next > Summary Cancel

50) Click **Next**, will into **User Experience** page :

The screenshot shows the 'Deploy Software Wizard' window, specifically the 'User Experience' step. The left-hand navigation pane lists several steps: General, Content, Deployment Settings, Scheduling, User Experience (which is currently selected and highlighted in blue), Alerts, Summary, Progress, and Completion. The main area of the wizard is titled 'Specify the user experience for the installation of this software on the selected devices'. Below this title, there is a section 'Specify user experience setting for this deployment'. Under this section, there is a label 'User notifications:' followed by a dropdown menu that currently displays 'Display in Software Center and show all notifications'. Below the dropdown, there is a text instruction: 'When the installation deadline is reached, allow the following activities to be performed outside the maintenance window:'. This is followed by two unchecked checkboxes: 'Software Installation' and 'System restart: (if required to complete the installation)'. At the bottom of the wizard, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. A small question mark icon is located to the left of the 'Next >' button.

51) Click **Next** , will into **Alerts** page :



**Deploy Software Wizard**

Alerts

General  
Content  
Deployment Settings  
Scheduling  
User Experience  
**Alerts**  
Summary  
Progress  
Completion

### Specify Configuration Manager and Operations Manager alert options

Configuration Manager generates alerts when this application is deployed.

Threshold for successful deployment

☐ Create a deployment alert when the threshold is lower than the following:

Percent success:

After:

Threshold for failed deployment

☐ Create a deployment alert when the threshold is higher than the following:

Percent failure:

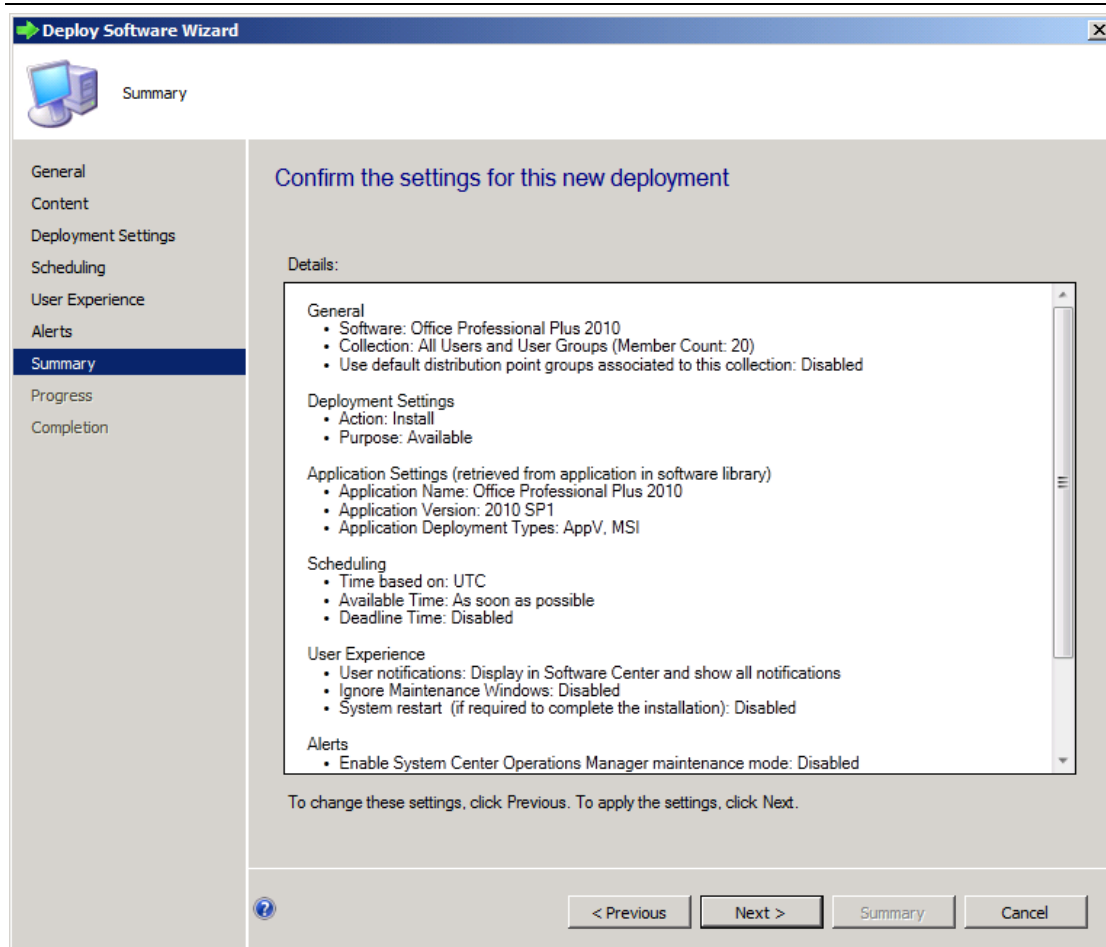
Select Enable Operations manager maintenance mode if you are running System Center Operations Manager and want it to generate alerts when this application is deployed.

☐ Enable System Center Operations Manager maintenance mode

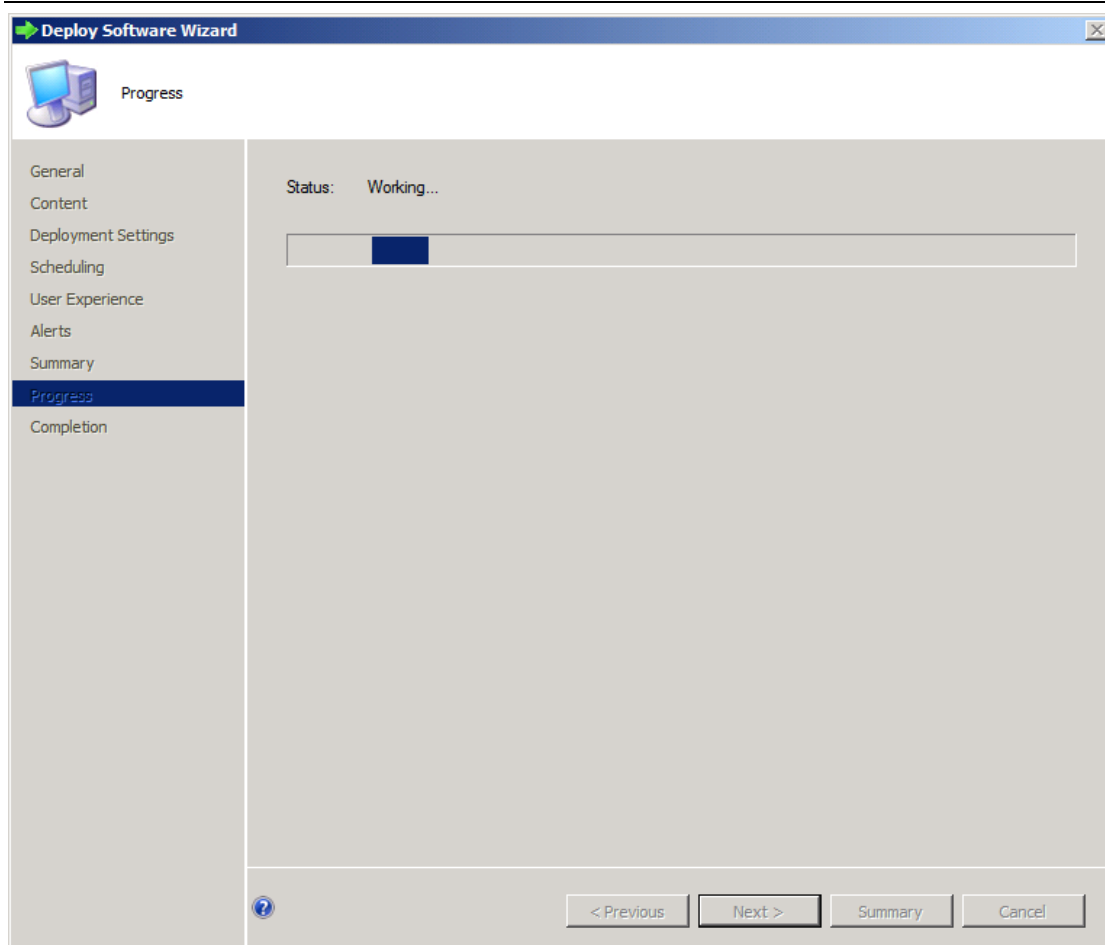
☐ Generate System Center Operations Manager alert when a software installation fails

[?<](#) [< Previous](#) [Next >](#) [Summary](#) [Cancel](#)

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

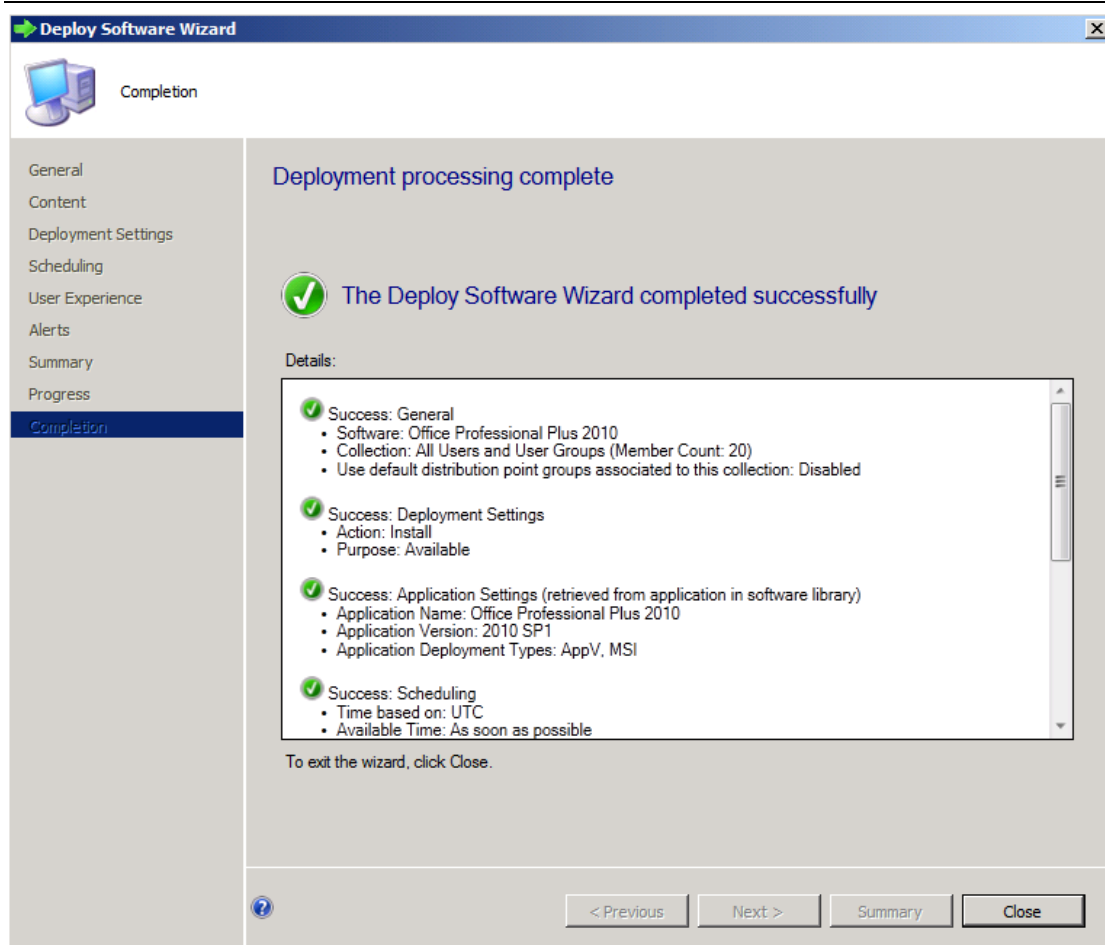


53) Review all settings and click **Next** , will into Progress page :

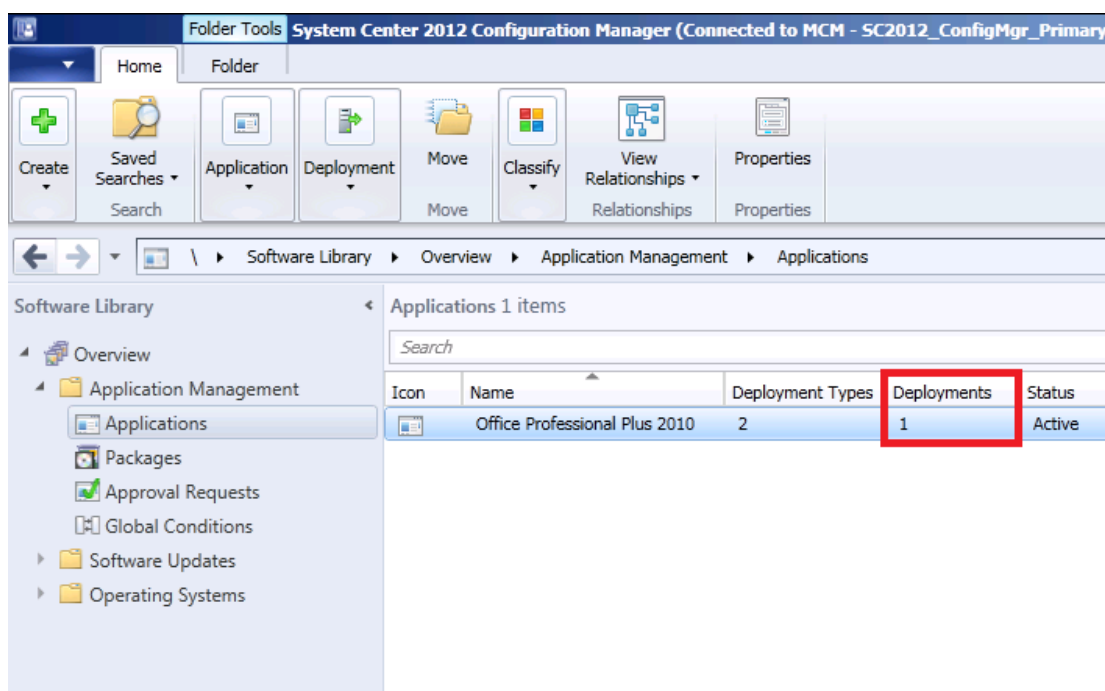


54) Wait some seconds , will display **Completion** page :

**System Center 2012  
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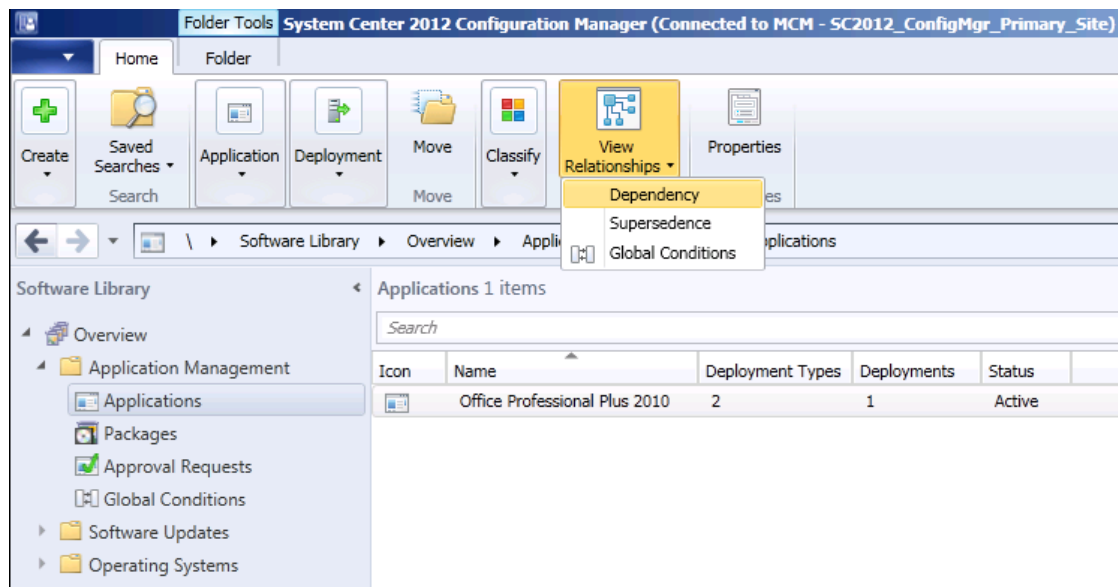


55) Click **Close** , you will see the **Deployments** number change to **1** :

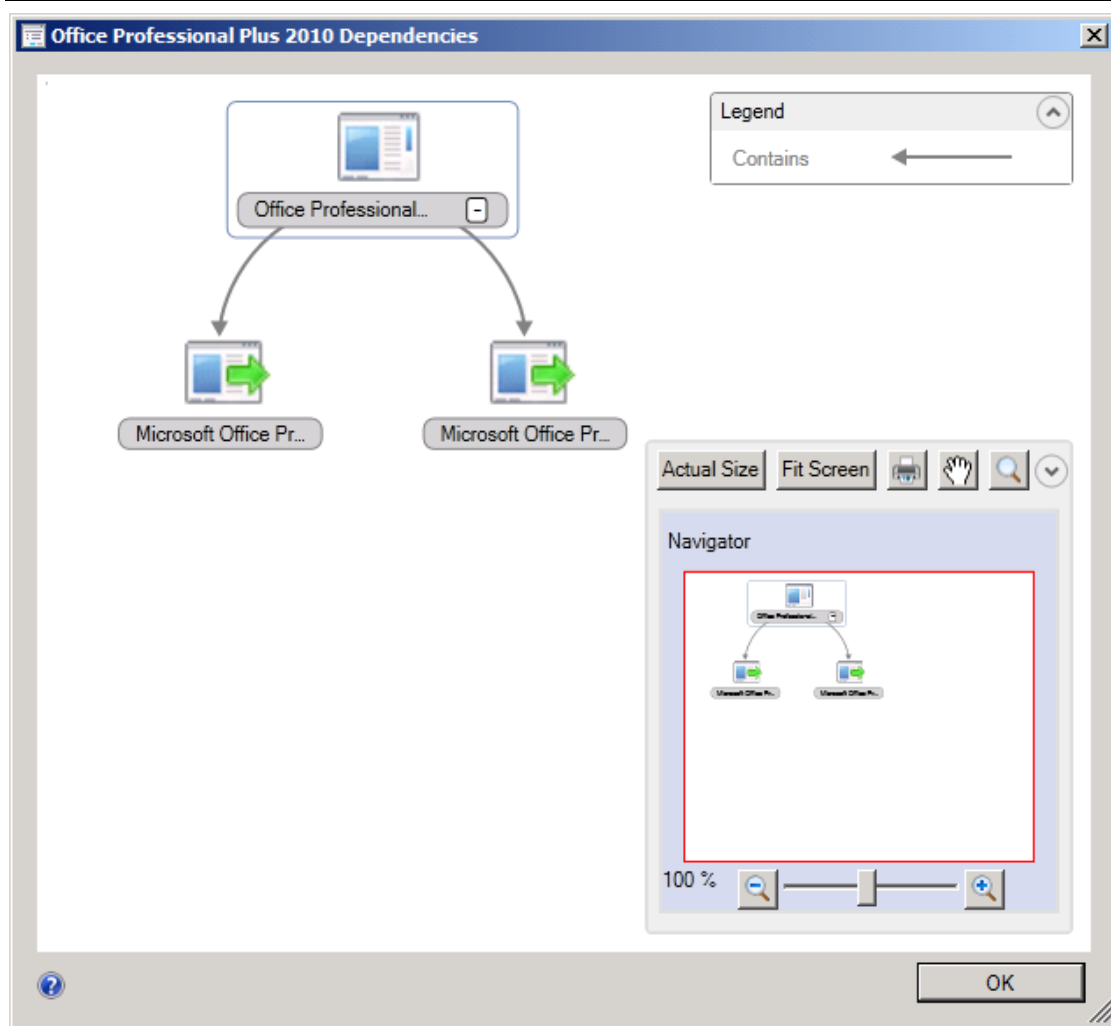


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56) Click **View Relationships --- Dependency** :

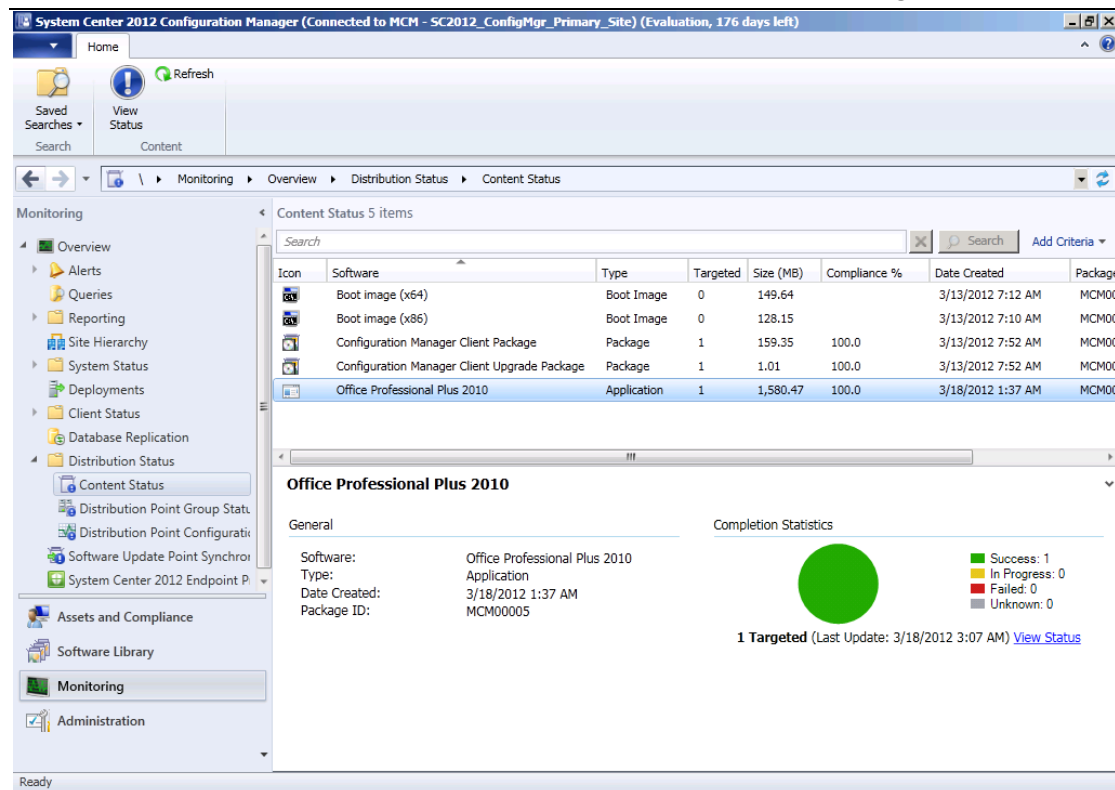


57) Will display this application relationship :

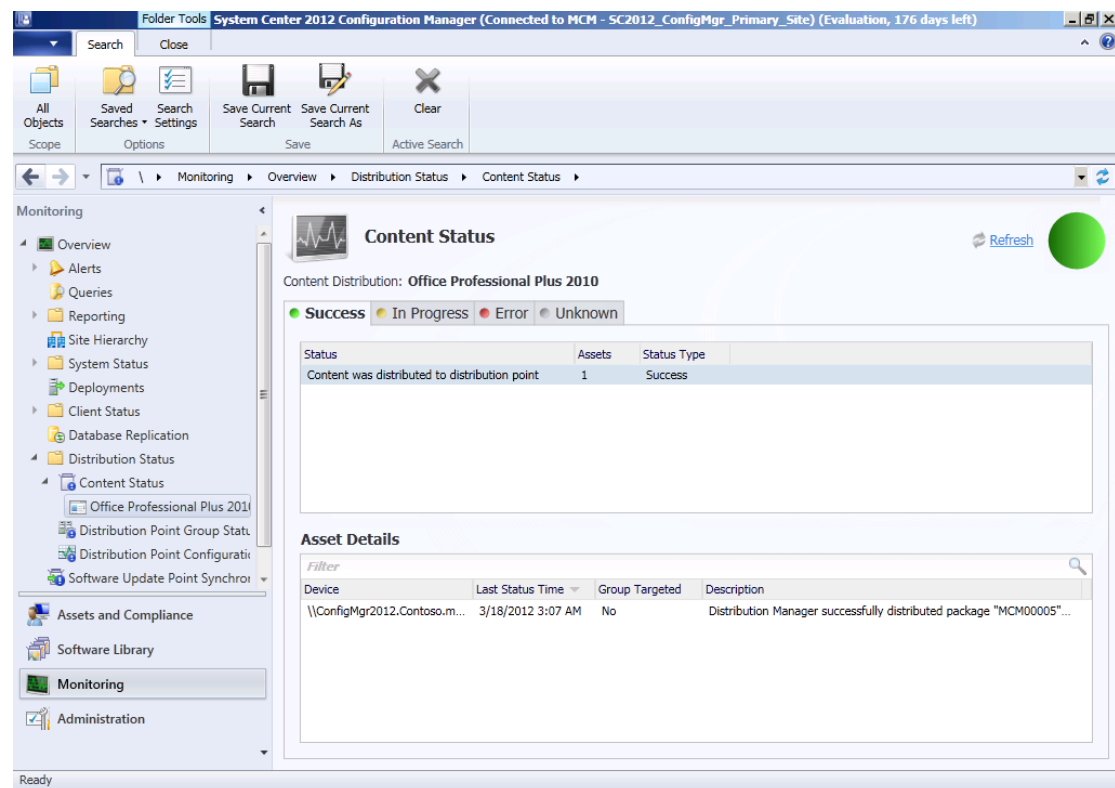


58) Click **OK** and Click **Monitoring** workspace , click **Content Status** node ,  
you can see Office Professional Plus 2010 application target is display **1** , this is  
indicate this application already copy to DP :

# System Center 2012 Configuration Manager RTM Application Management Document



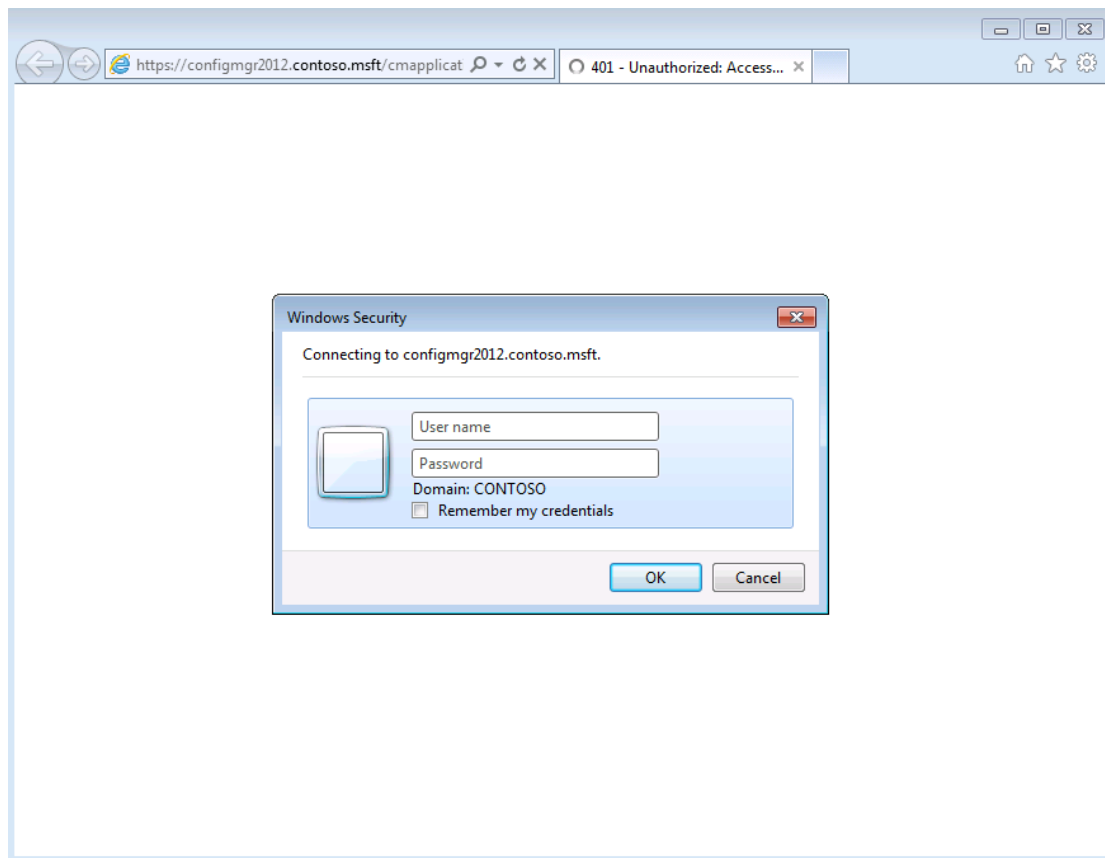
59) Click **View Status** will display this application content status :



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## 7. Deploy Applications to user:

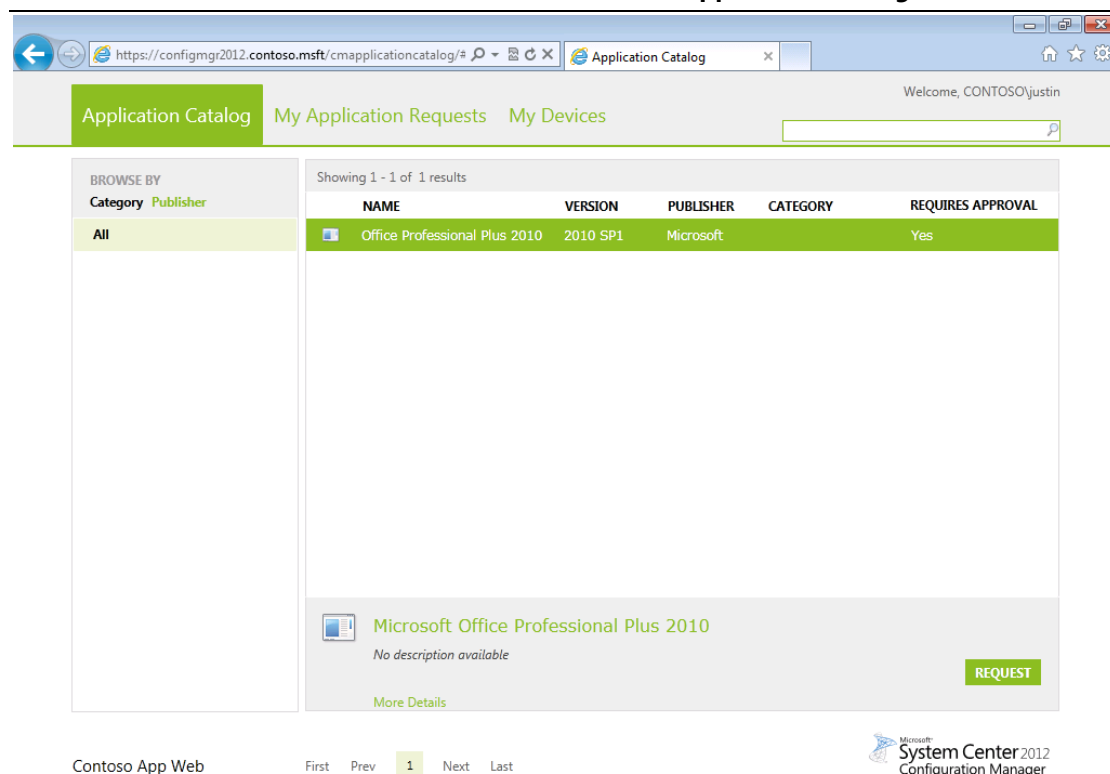
1) **Justin Gao** is a Contoso domain user , use this account to logon Client computer . Open **Internet Explorer** , access this address : **<https://configmgr2012.contoso.msft/cmapplicationcatalog>** , will display windows authentication prompt :



2) Type Justin Gao 's user name and password , click **OK** , will logon to Application catalog :



# System Center 2012 Configuration Manager RTM Application Management Document



Application Catalog My Application Requests My Devices

Welcome, CONTOSO\justin

BROWSE BY  
Category Publisher

All

Showing 1 - 1 of 1 results

NAME	VERSION	PUBLISHER	CATEGORY	REQUIRES APPROVAL
Office Professional Plus 2010	2010 SP1	Microsoft		Yes

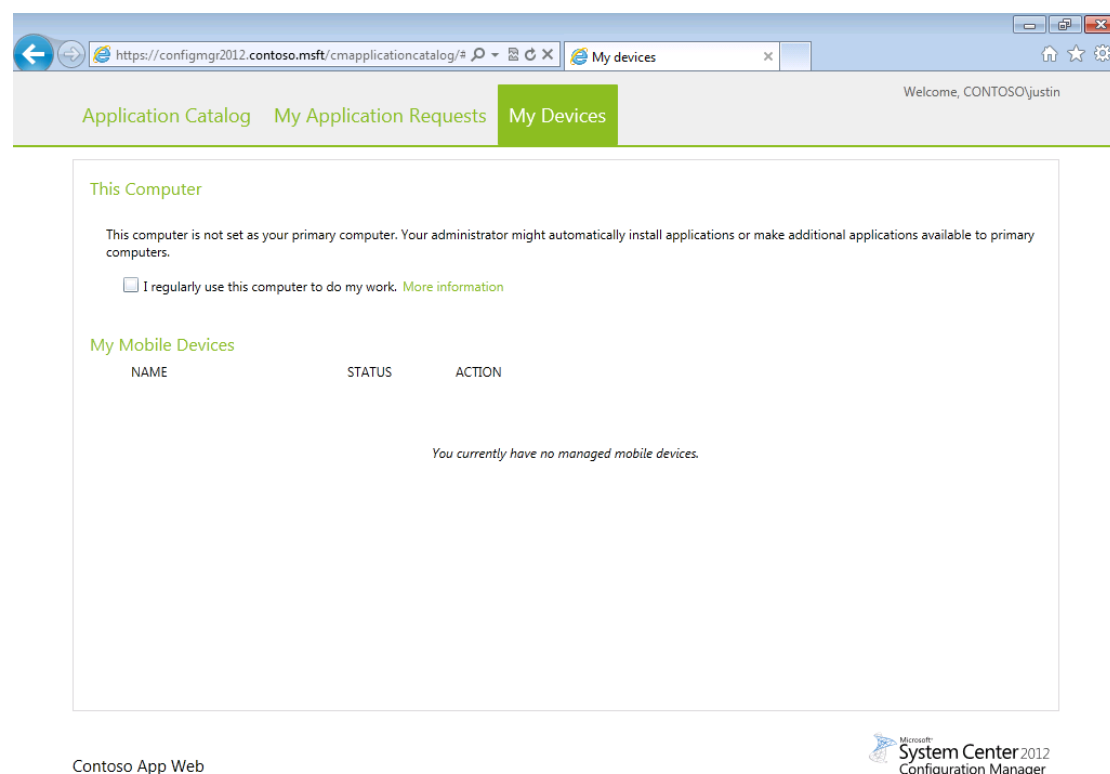
Microsoft Office Professional Plus 2010  
No description available  
More Details

REQUEST

Contoso App Web First Prev 1 Next Last

Microsoft System Center 2012 Configuration Manager

3) In **Application Catalog** page , you can see here have a application that I just created , click **My Devices** page :



Application Catalog My Application Requests My Devices

Welcome, CONTOSO\justin

This Computer

This computer is not set as your primary computer. Your administrator might automatically install applications or make additional applications available to primary computers.

☐ I regularly use this computer to do my work. [More information](#)

My Mobile Devices

NAME	STATUS	ACTION
You currently have no managed mobile devices.		

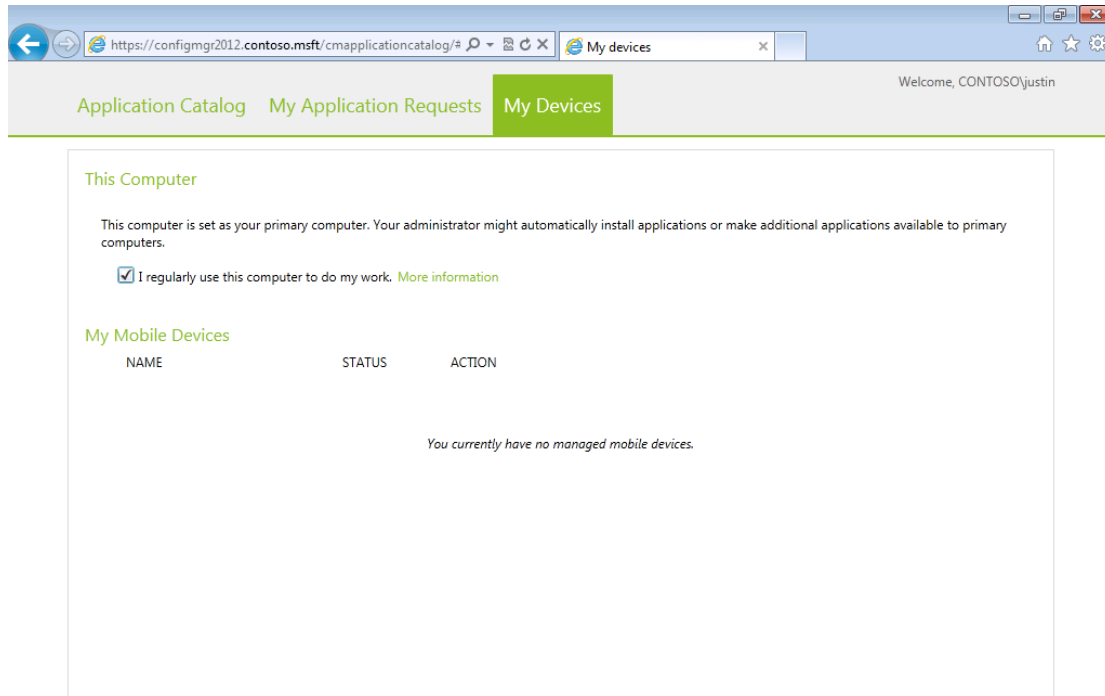
Contoso App Web

Microsoft System Center 2012 Configuration Manager

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yanga@microsoft.com  
[http://blogs.technet.com/b/justin\\_gao](http://blogs.technet.com/b/justin_gao)

4) In here , you can setting this client computer whether your primary device.

Select **I regularly use this computer to do my work** :

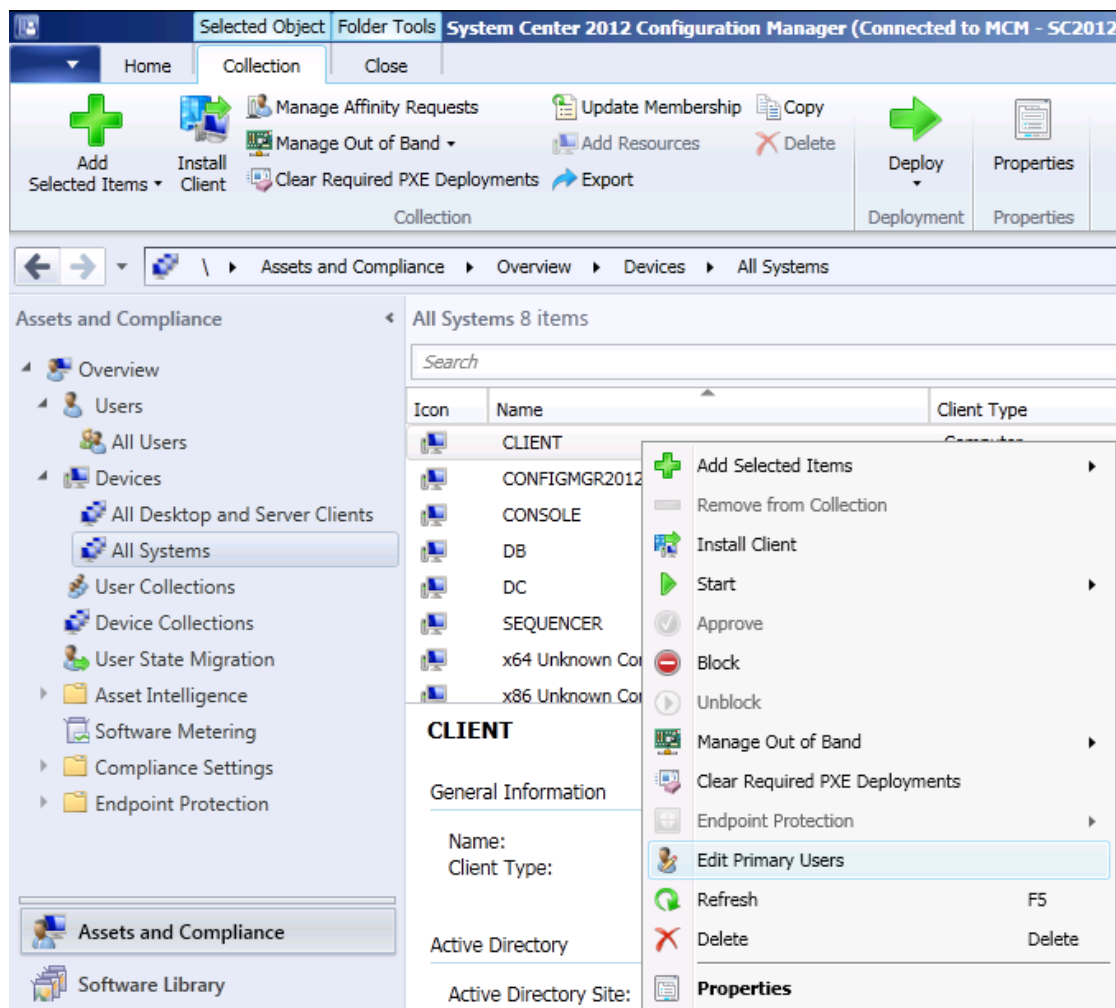


Contoso App Web



5) Logon to **ConfigMgr2012** server , click **Assets and Compliance** workspace , double-click **All Systems** collection , right-click **CLIENT** computer select **Edit Primary Users** :

**System Center 2012  
Configuration Manager RTM  
Application Management Document**



6) The **Edit Primary Users** box will opened , You can see this computer **Primary Users** is **Justin** , **Affinity Type** is **Catalog Defined** :

**Edit Primary Users**

Specify the primary users of this device. Configuration Manager can be configured to deploy content to a user based on their primary computer or device.

Type a search string to search ALL users:

Users of this device in the last 90 days:

User Name	Last Login	Number of Logins
client\local_users	3/14/2012 7:28 PM	2

Add Remove

Primary Users:

User Name	Affinity Type
contoso\justin	Catalog Defined, Usage Agent Defined

OK Cancel

7) Just click **OK**. Back to **Client** computer , keep this setting and close IE , logoff this user , use **Kathy** to logon. Open Internet Explorer and access this address : <https://configmgr2012.contoso.msft/cmapplicationcatalog> , type user name and password will display **Application Catalog** page :

# System Center 2012 Configuration Manager RTM Application Management Document

Application Catalog My Application Requests My Devices

Welcome, CONTOSO\kathy

Search Application Catalog

BROWSE BY  
Category Publisher

All

Showing 1 - 1 of 1 results

NAME	VERSION	PUBLISHER	CATEGORY	REQUIRES APPROVAL
Office Professional Plus 2010	2010 SP1	Microsoft		Yes

Microsoft Office Professional Plus 2010  
No description available  
More Details

REQUEST

Contoso App Web First Prev 1 Next Last

Microsoft System Center 2012 Configuration Manager

8) Click **My Devices** page :

Application Catalog My Application Requests My Devices

Welcome, CONTOSO\kathy

This Computer

This computer is not set as your primary computer. Your administrator might automatically install applications or make additional applications available to primary computers.

☐ I regularly use this computer to do my work. [More information](#)

My Mobile Devices

NAME	STATUS	ACTION
You currently have no managed mobile devices.		

Contoso App Web

Microsoft System Center 2012 Configuration Manager

9) Confirm this computer is not primary device for Kathy . Return to

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yanga@microsoft.com  
[http://blogs.technet.com/b/justin\\_gao](http://blogs.technet.com/b/justin_gao)

**Application Catalog** page , now I will starting install Office Professional Plus 2010 application :

The screenshot displays the 'Application Catalog' web interface. The browser window shows the URL 'https://configmgr2012.contoso.msft/cmapplicationcatalog/#'. The page has a green header with navigation tabs: 'Application Catalog', 'My Application Requests', and 'My Devices'. A search bar is located on the right side of the header. The main content area is divided into two sections. On the left, under 'BROWSE BY', there are links for 'Category' and 'Publisher', with 'All' selected under 'Publisher'. The right section shows a table with one application: 'Office Professional Plus 2010' by Microsoft, version 2010 SP1, requiring approval. Below the table, there is a detailed view of the application with a 'REQUEST' button.

NAME	VERSION	PUBLISHER	CATEGORY	REQUIRES APPROVAL
Office Professional Plus 2010	2010 SP1	Microsoft		Yes

Microsoft Office Professional Plus 2010  
No description available  
[More Details](#) [REQUEST](#)

10) Because previously settings , this application start install before need request approval . Select this application and click **REQUEST** , will display **REQUEST APPROVAL** box :

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The screenshot shows a web browser window with the URL <https://configmgr2012.contoso.msft/cmapplicationcatalog/#>. The page title is "Request approval". The user is logged in as "Welcome, CONTOSO\kathy". The navigation bar includes "Application Catalog", "My Application Requests", and "My Devices". A search bar is labeled "Search Application Catalog". On the left, under "BROWSE BY", "Category" is selected with "Publisher" as a sub-option, and "All" is listed. The main content area shows the application "Microsoft Office Professional Plus 2010" with a "REQUEST APPROVAL" section. It prompts the user to provide a "Reason for application request (required)" in a text box, with a "Characters remaining: 2000" indicator. At the bottom right, there are "SUBMIT" and "CANCEL" buttons. The footer includes "Contoso App Web" and the "Microsoft System Center 2012 Configuration Manager" logo.

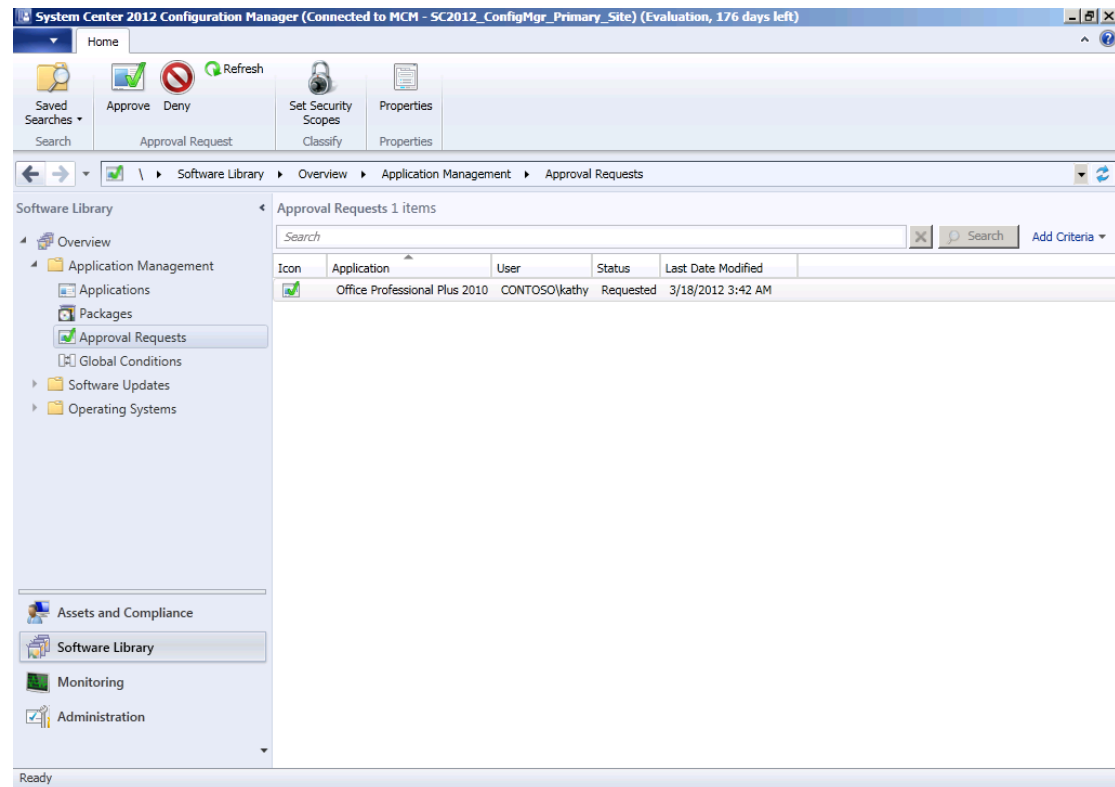
11) Type some reason and click **SUBMIT** , this request has been submitted :

The screenshot shows the same web browser window, but the page title is now "Request submitted". The navigation bar and left sidebar remain the same. The main content area shows the application "Microsoft Office Professional Plus 2010" with a "REQUEST APPROVAL" section. A green checkmark icon is displayed next to the text "Your request has been submitted." Below this, a message states "You can track the status of this request from the My Application Requests tab." Two links are provided: "View My Application Requests" and "Back to Application Catalog". The footer includes "Contoso App Web" and the "Microsoft System Center 2012 Configuration Manager" logo.

12) Back to **ConfigMgr2012** server , click **Software Library** workspace , click

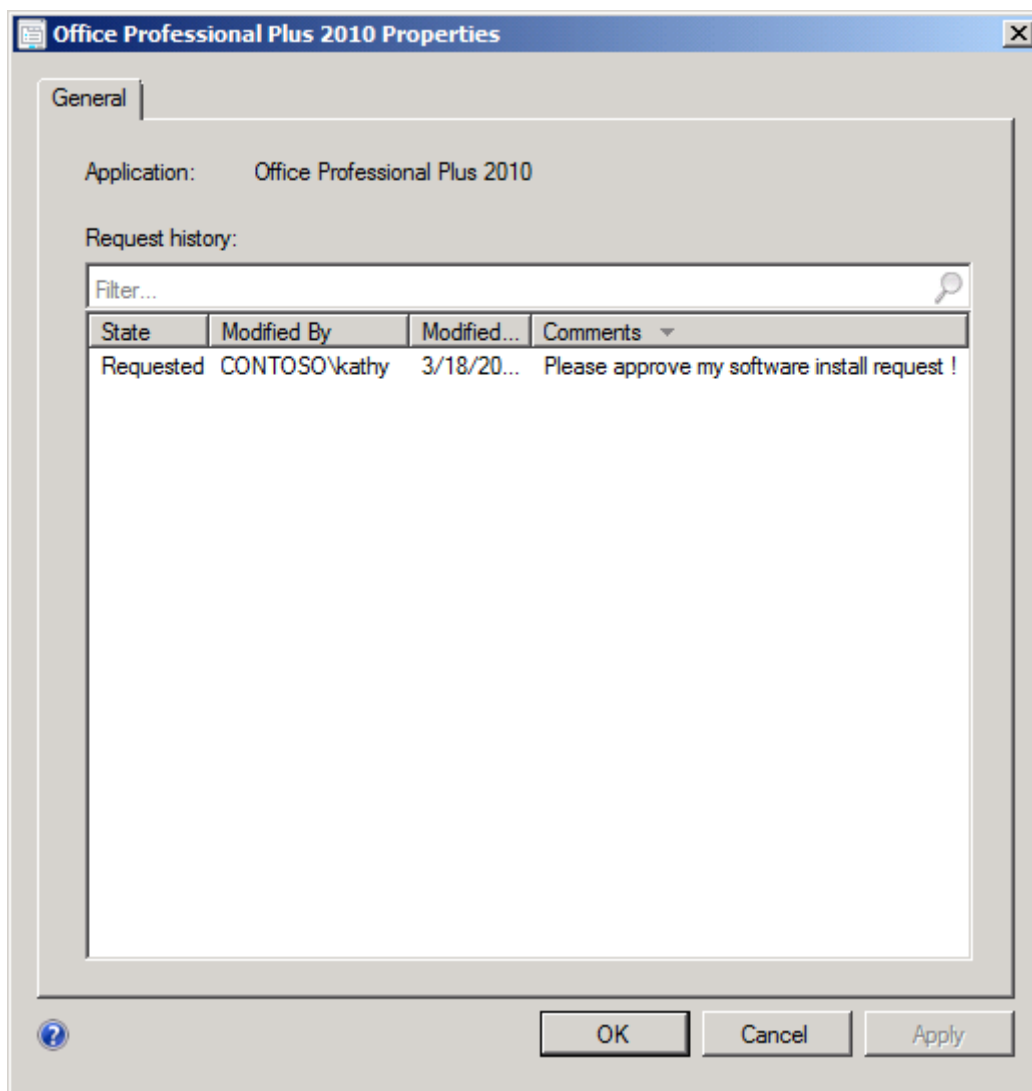
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[http://blogs.technet.com/b/justin\\_gao](http://blogs.technet.com/b/justin_gao)

**Approval Requests** node , you can see just submitted request :



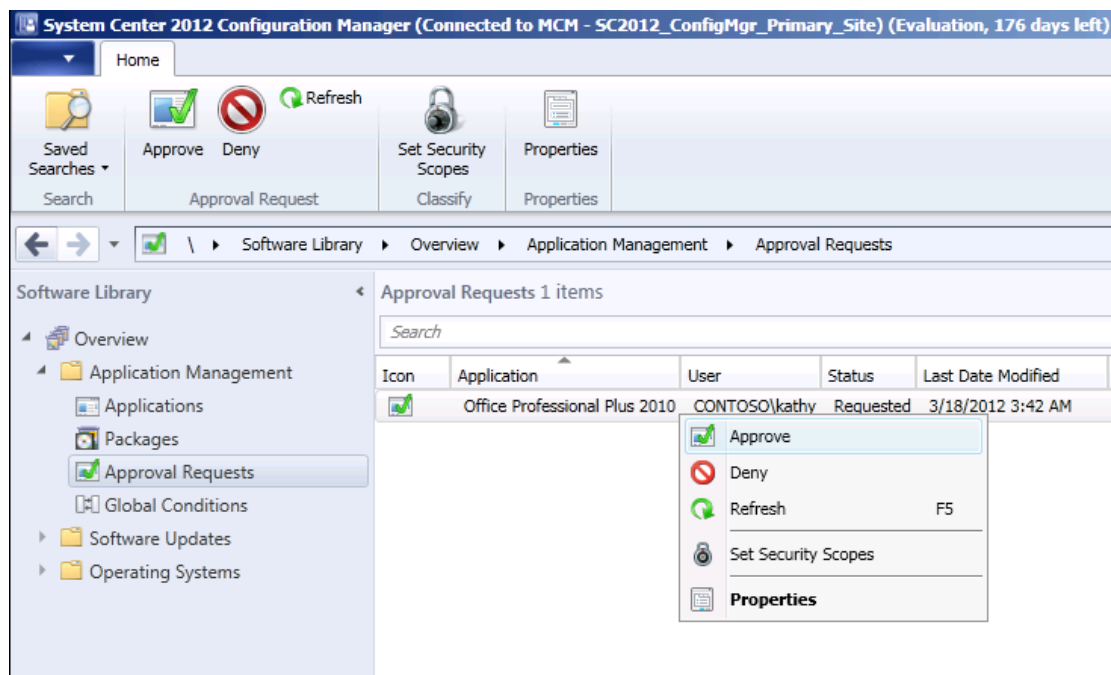
13) Double-click this request , you can see request user and reason :





14) Click **OK** and right-click this request select **Approve** :

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15) The **Application Request(s)** box will opened , type some words in **Approver' s Comments** field :

**Application Request(s)**

Application: Office Professional Plus 2010

User: CONTOSO\kathy

Modified date: 3/18/2012 3:42:00 AM

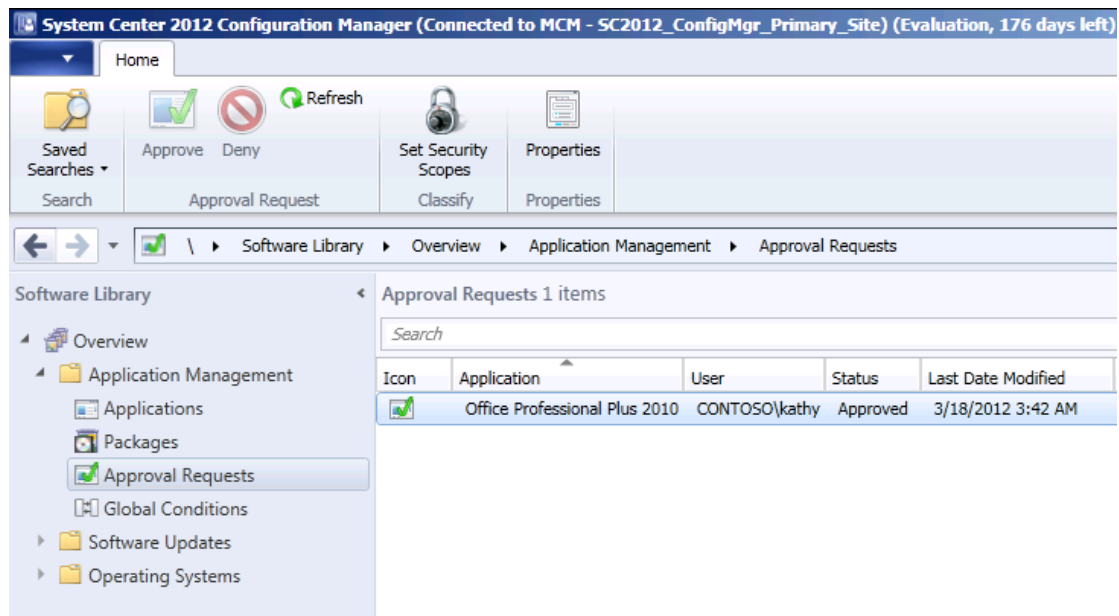
User's Comments:  
Please approve my software install request !

Request Action: Approve

Approver's Comments:  
Approved !

OK Cancel

16) Click **OK** , this request status will change to **Approved** :



17) Back to **Client** computer , refresh IE and click **My Application Requests**

page , you can see approval comments :

The screenshot shows a web browser window with the URL <https://configmgr2012.contoso.msft/cmapplicationcatalog/#>. The page has a navigation bar with 'Application Catalog', 'My Application Requests', and 'My Devices'. The 'My Application Requests' tab is active, showing a table with one result: 'Office Professional Plus 2010' by Microsoft, with a status of 'Approved' and a last updated time of '3/18/2012 3:49 AM'. Below the table, there is a detailed view for 'Microsoft Office Professional Plus 2010' showing the latest status as 'Approved on: 3/18/2012 3:49 AM' and a comment 'Approved !'. A 'VIEW HISTORY' button is also present.

NAME	PUBLISHER	CATEGORY	STATUS	LAST UPDATED
Office Professional Plus 2010	Microsoft		Approved	3/18/2012 3:49 AM

**Microsoft Office Professional Plus 2010**

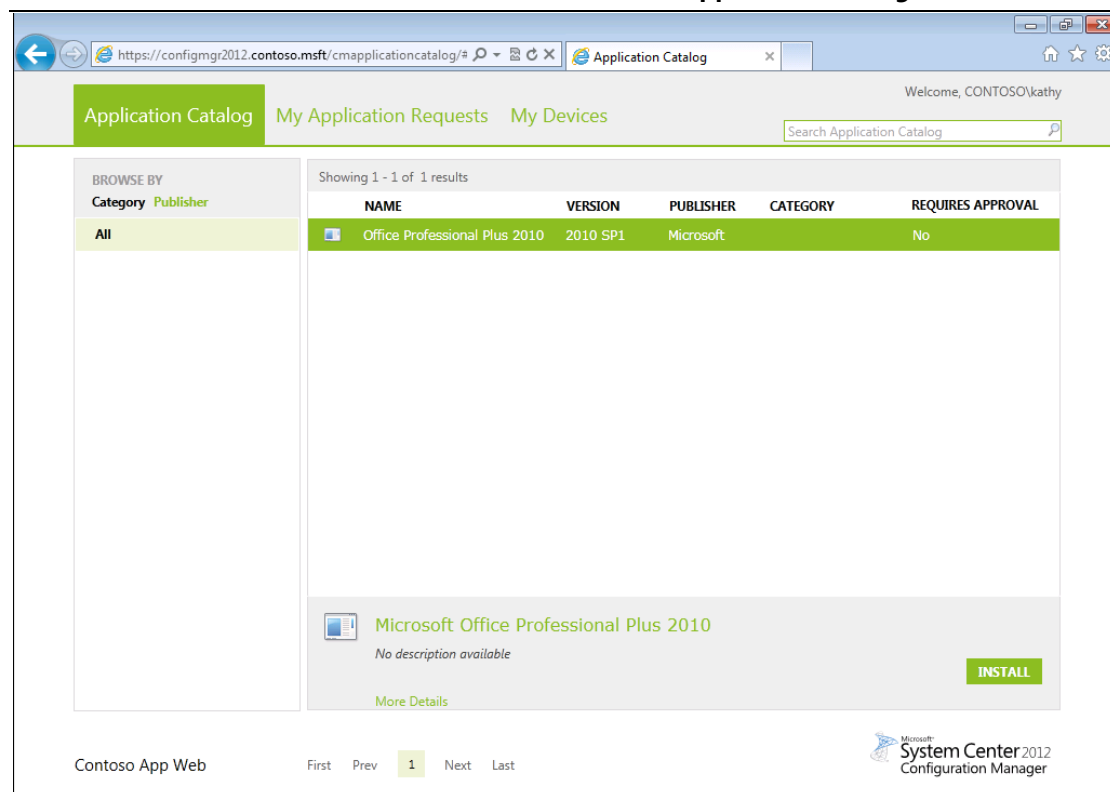
LATEST STATUS	COMMENTS
Approved on: 3/18/2012 3:49 AM	Approved !

[VIEW HISTORY](#)

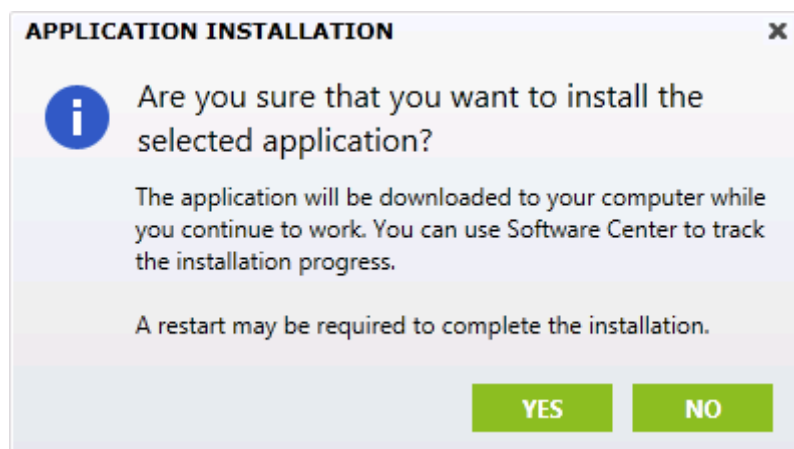
Contoso App Web      First   Prev   **1**   Next   Last     

18) **Application Catalog** page , you can see **REQUIRES APPROVAL** is changed to **No** :

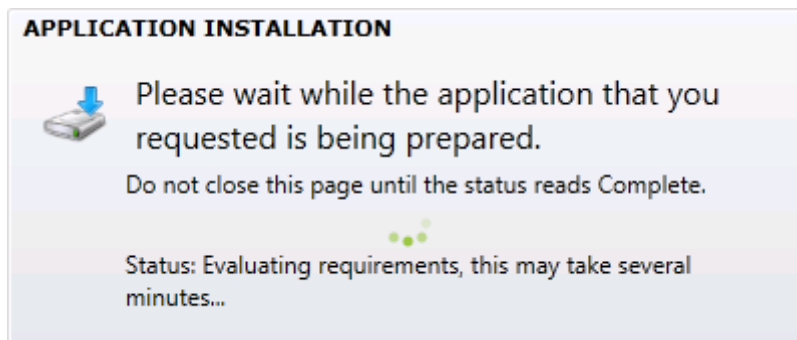
# System Center 2012 Configuration Manager RTM Application Management Document



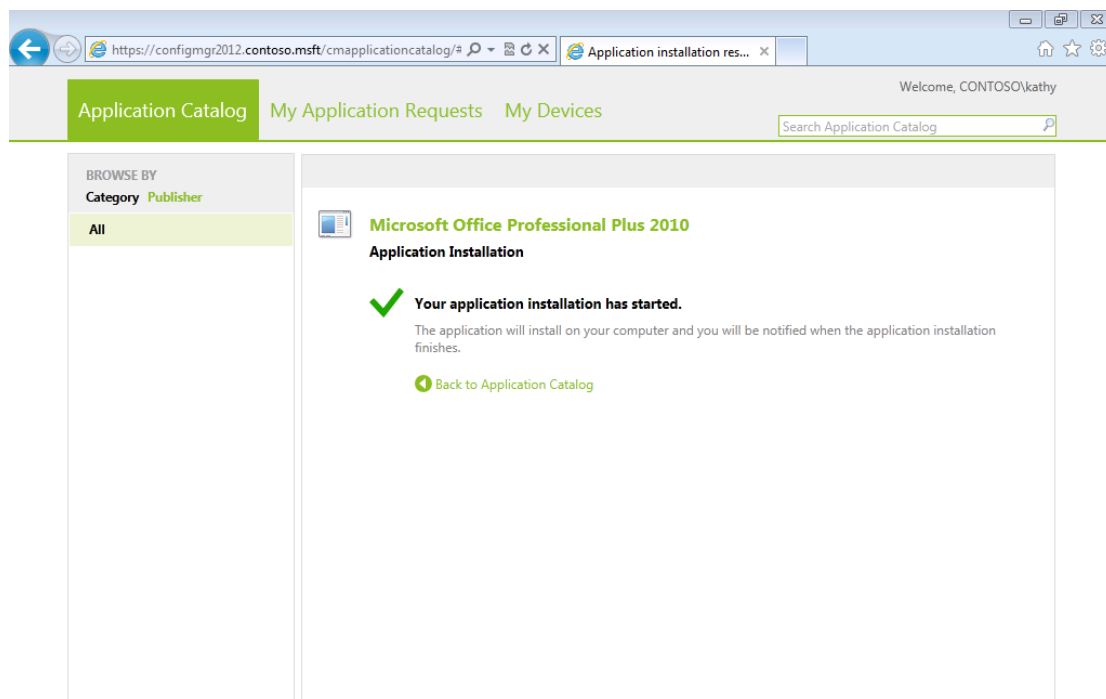
19) Click **INSTALL** , will display this information :



20) Click **YES** , will start to evaluating requirements :



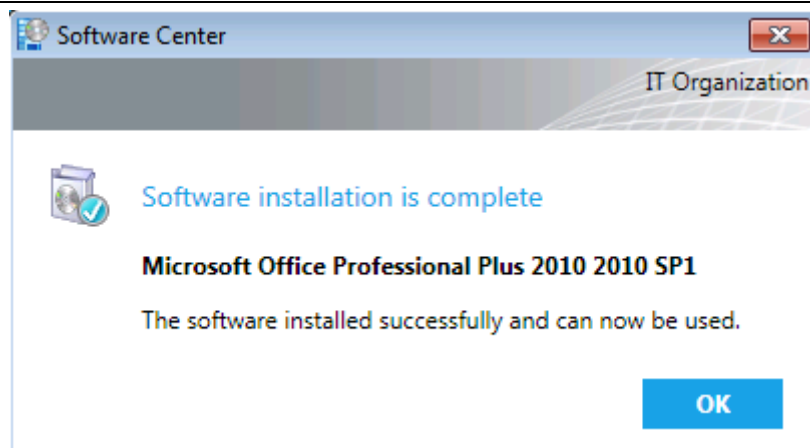
21) And then will display this page :



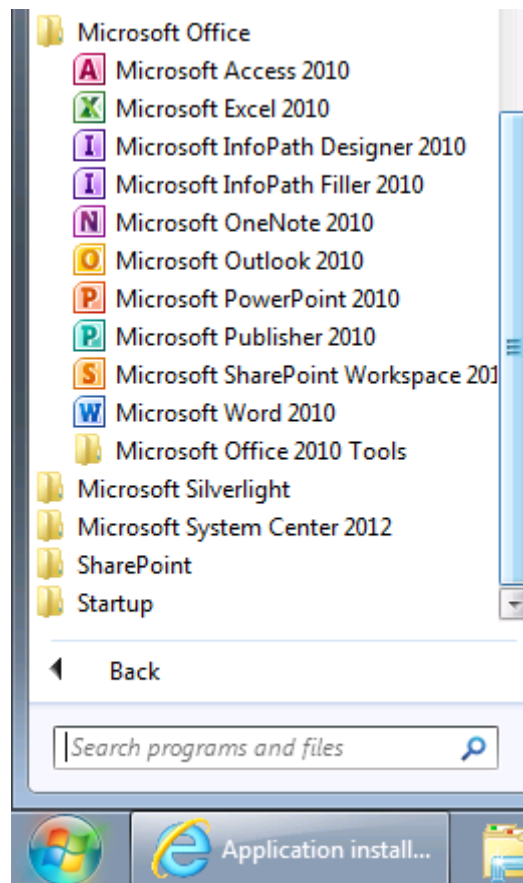
Contoso App Web

Microsoft  
System Center 2012  
Configuration Manager

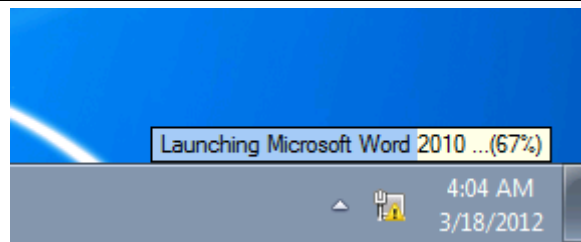
22) Wait about Ten seconds , you can see this prompt :



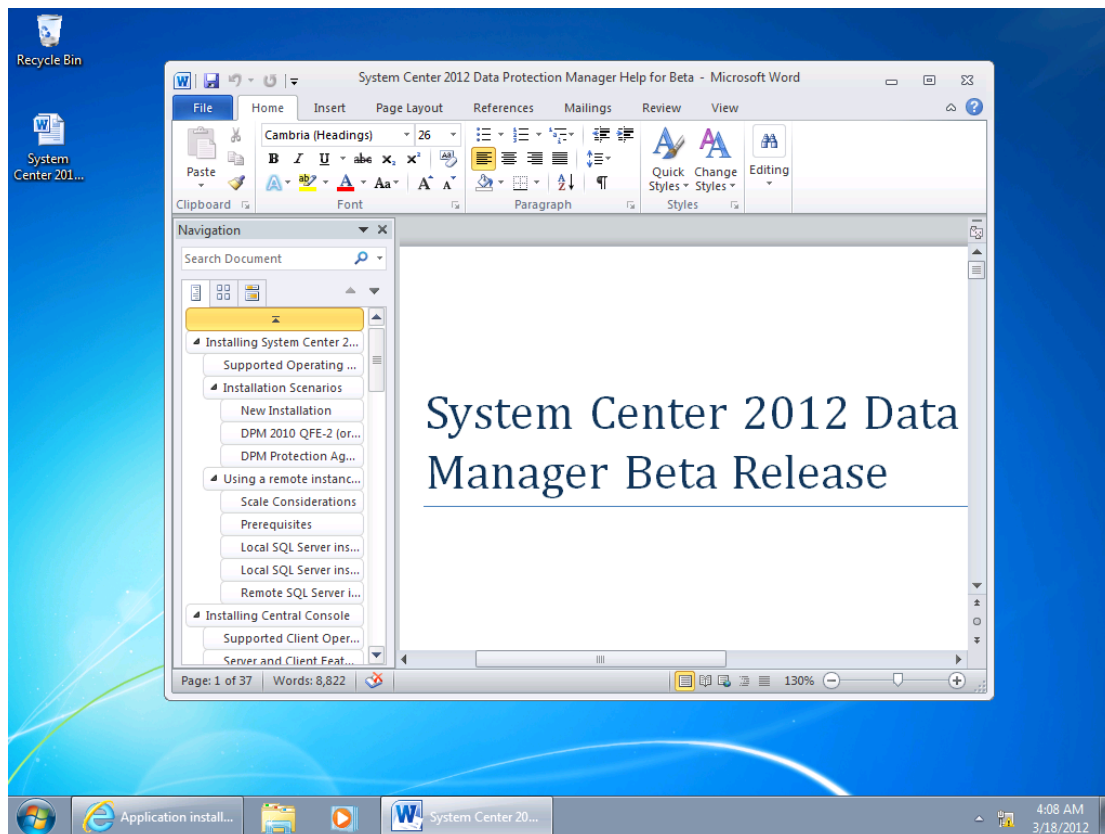
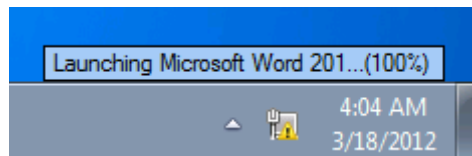
23) Yes , office 2010 has been installed , click **OK** and click Windows Button ,  
you can see **Microsoft Office** shortcuts :



24) Click a word document , you can see this progress bar :



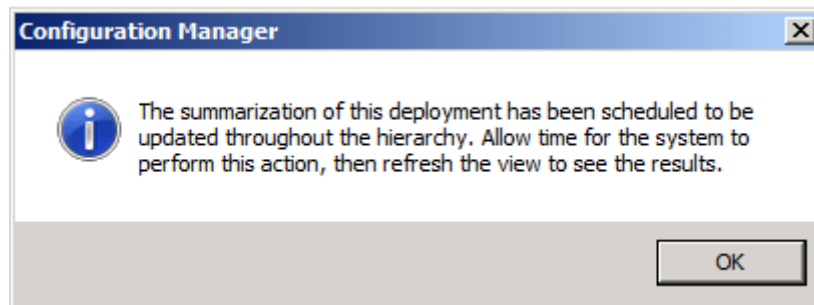
25) When this progress bar achieve 100% , the Office Word 2010 will be opening :



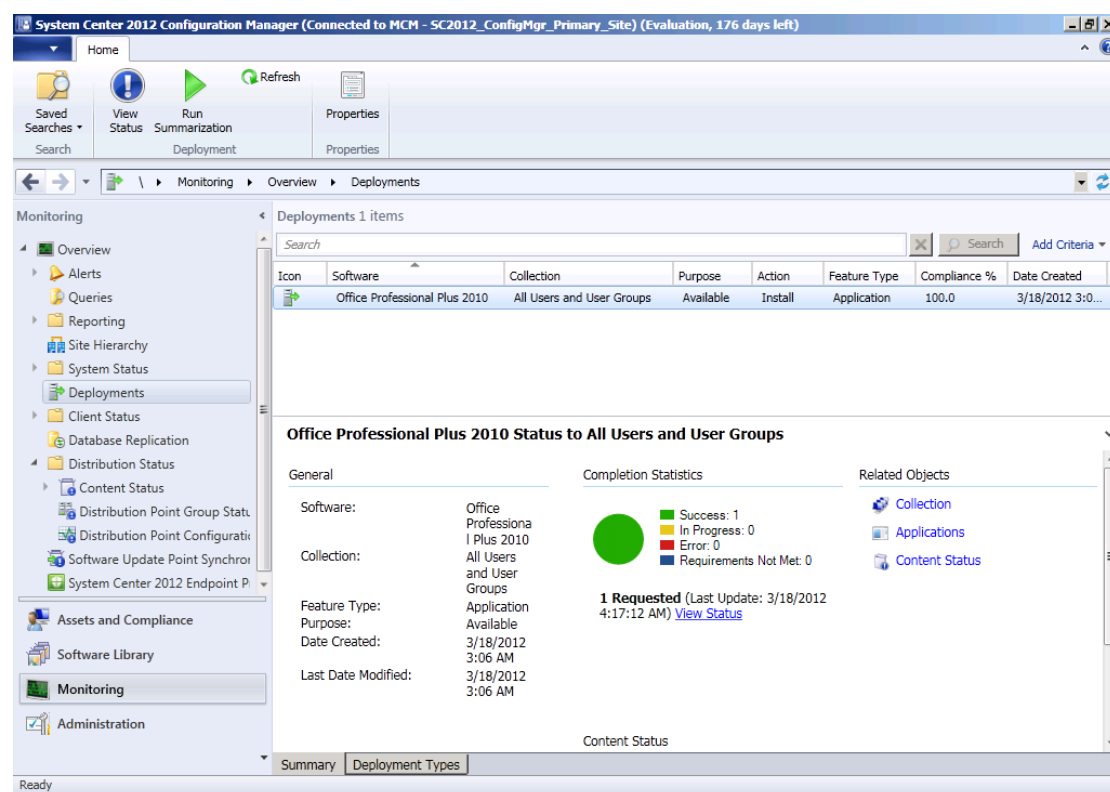


## 8. Verify Applications result:

1) Logon to **ConfigMgr2012** server , click **Monitoring** workspace , click **Deployments** node , click **Run Summarization** in Ribbon zone , will display a information prompt :

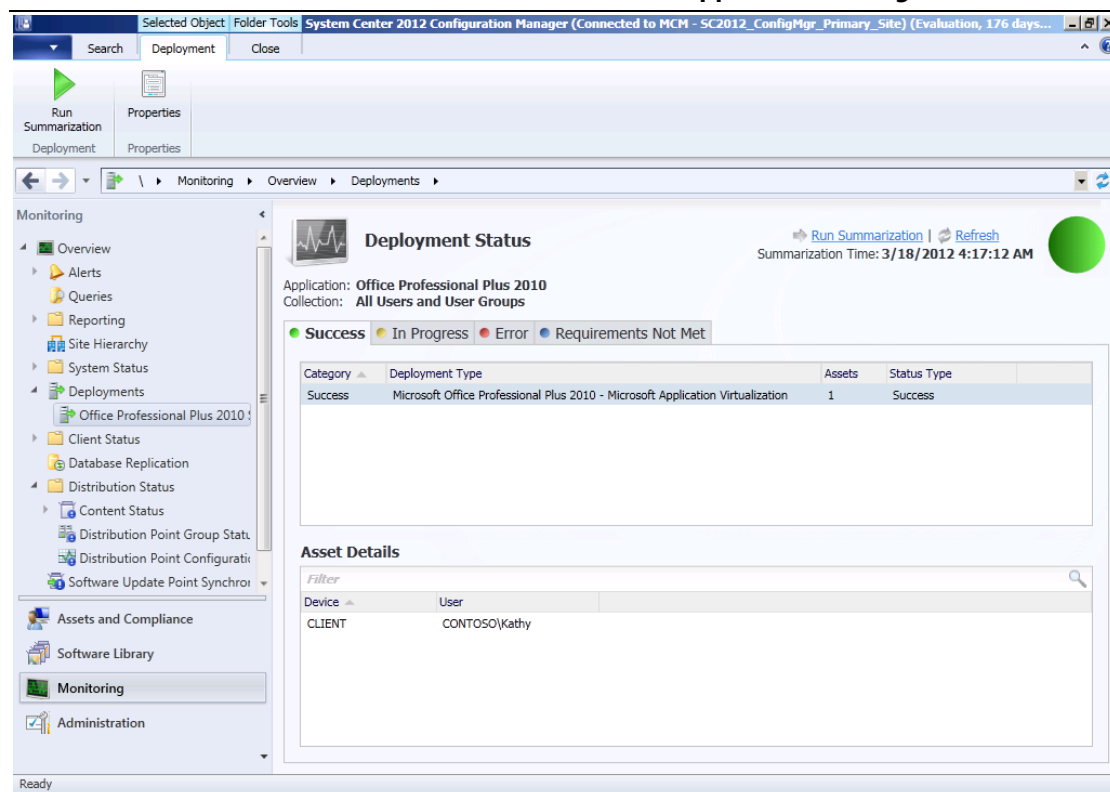


2) Click **OK** , the **Completion Statistics** will change to **Success : 1** :



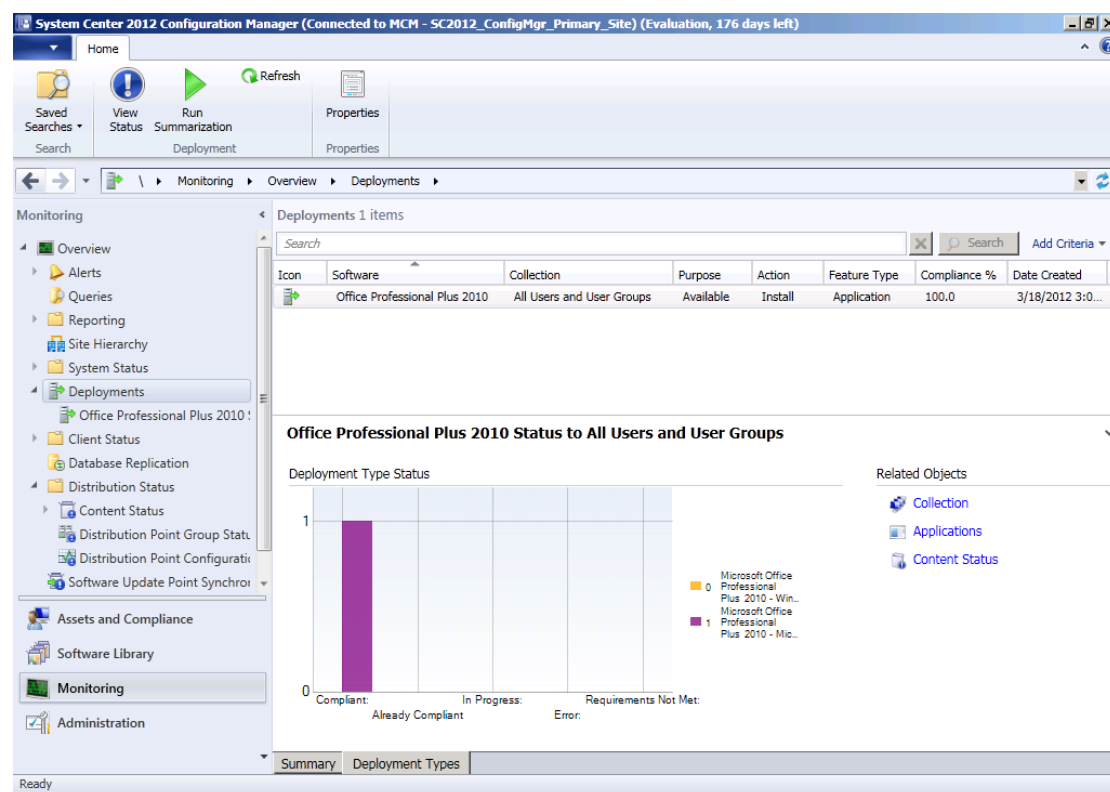
3) This part indicate have **1 Requested** , click **View Status** will display **Deployment Status** information :

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4) Click **Deployments** node and select this application click **Deployment**

**Types** , you can see **Deployment Type Status** :



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5) Now I have finished System Center 2012 Configuration Manager RTM application deployment .