

# Installing Windows clients with Microsoft SCCM/SMS



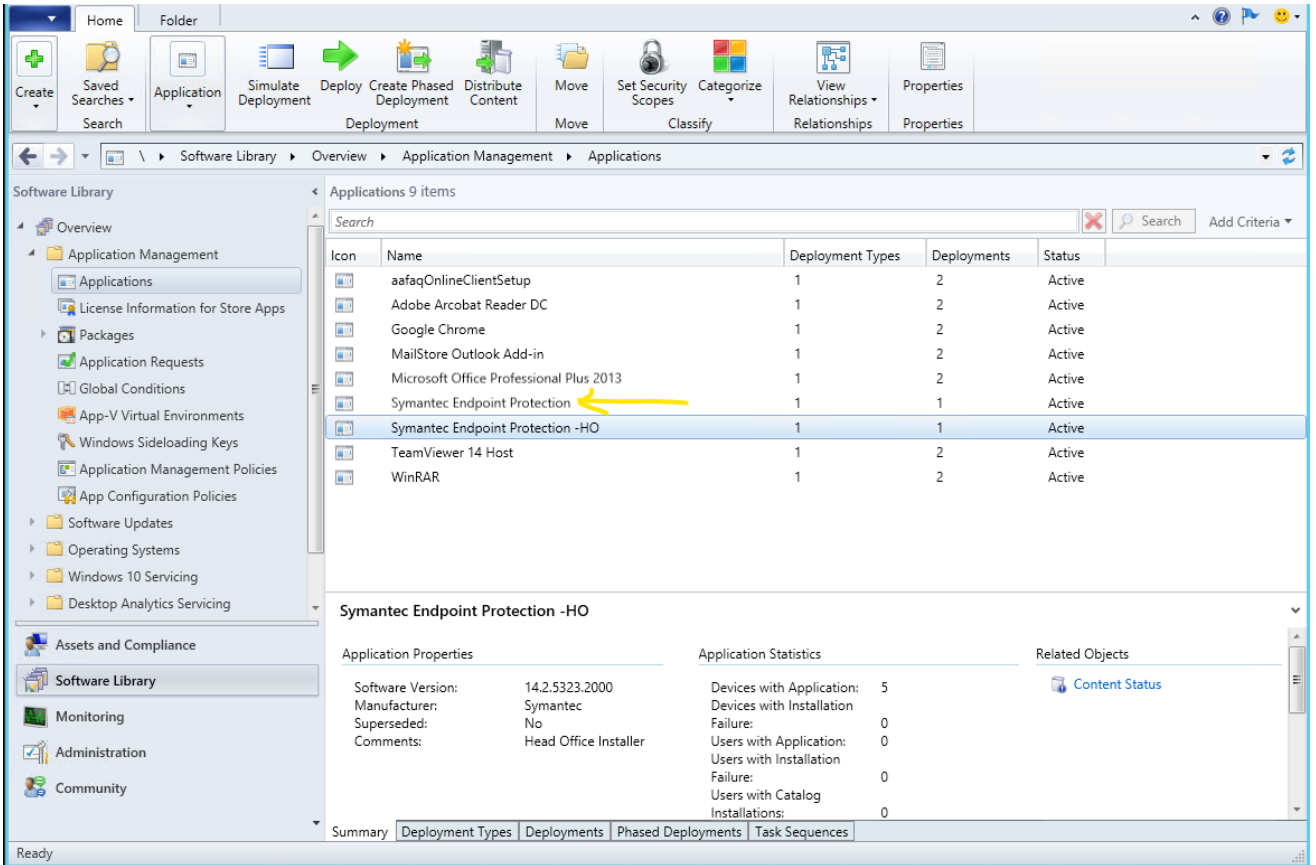



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Follow “**Steps 1**” to “**Step 4**” from below procedures provided by **Symantec Support**.

Step	Description
Step 1	Export a managed client installation package from Symantec Endpoint Protection Manager that contains the software and policies to install on your client computers. By default, a managed client installation package contains a file named Sylink.xml, which identifies the server that manages the clients.
Step 2	Create a source directory and copy the Symantec client installation package into that source directory. For example, you would create a source directory and copy the Setup.exe file that you exported from Symantec Endpoint Protection Manager.
Step 3	In SCCM/SMS, create a custom package, name the package, and identify the source directory as part of the package.
Step 4	Configure the Program dialog box for the package to specify the executable that starts the installation process, and possibly specify the MSI with parameters.

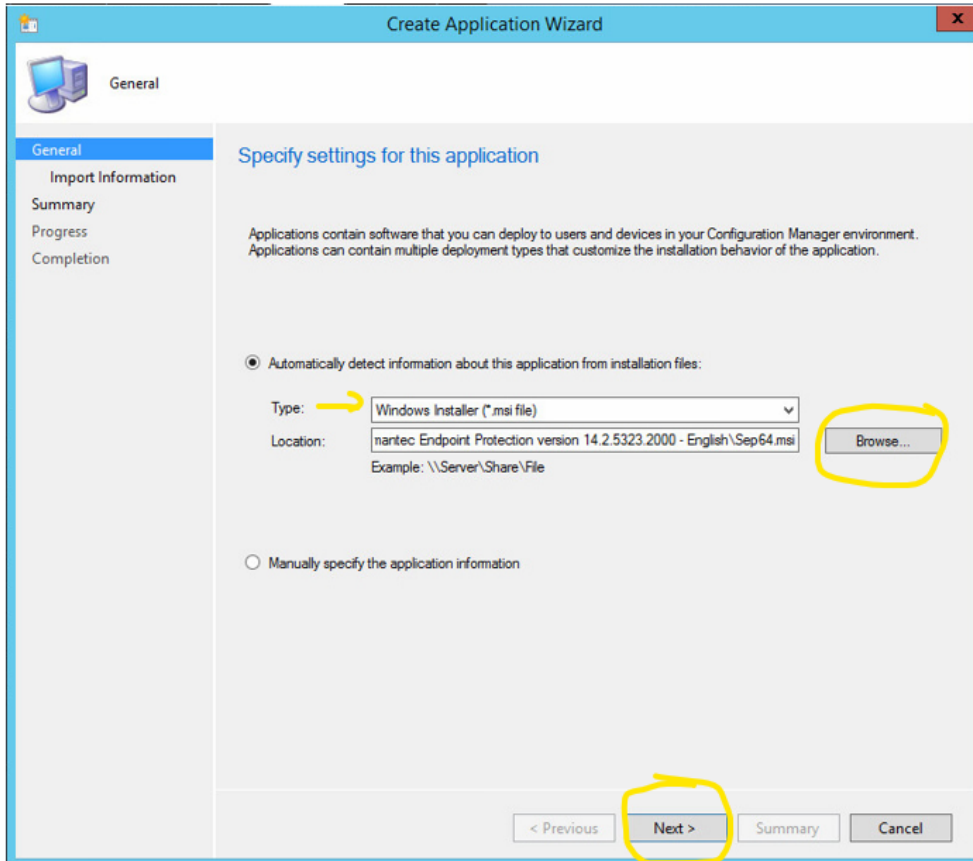
**Once you completed the above procedures, follow below recommendations.**

Step	Description																																																																										
Step 5	<p>Open <b>System Center Configuration Manager (SCCM) 2016 Console</b> and look for <b>Applications</b> from the <b>Software Library</b>.</p> <div> Configuration Manager Console</div> <ul style="list-style-type: none"><li>Click Software Library, Overview, Application Management;</li></ul>																																																																										
Step 6	<p><b>Right Click, Applications and select Create Application</b> (see below screenshot for reference)</p> <div></div>  <table><thead><tr><th>Icon</th><th>Name</th><th>Deployment Types</th><th>Deployments</th><th>Status</th></tr></thead><tbody><tr><td></td><td>aafaqOnlineClientSetup</td><td>1</td><td>2</td><td>Active</td></tr><tr><td></td><td>Adobe Acrobat Reader DC</td><td>1</td><td>2</td><td>Active</td></tr><tr><td></td><td>Google Chrome</td><td>1</td><td>2</td><td>Active</td></tr><tr><td></td><td>MailStore Outlook Add-in</td><td>1</td><td>2</td><td>Active</td></tr><tr><td></td><td>Microsoft Office Professional Plus 2013</td><td>1</td><td>2</td><td>Active</td></tr><tr><td></td><td>Symantec Endpoint Protection</td><td>1</td><td>1</td><td>Active</td></tr><tr><td></td><td><b>Symantec Endpoint Protection -HO</b></td><td>1</td><td>1</td><td>Active</td></tr><tr><td></td><td>TeamViewer 14 Host</td><td>1</td><td>2</td><td>Active</td></tr><tr><td></td><td>WinRAR</td><td>1</td><td>2</td><td>Active</td></tr></tbody></table> <div><b>Symantec Endpoint Protection -HO</b><table><thead><tr><th>Application Properties</th><th>Application Statistics</th><th>Related Objects</th></tr></thead><tbody><tr><td>Software Version: 14.2.5323.2000</td><td>Devices with Application: 5</td><td rowspan="4"> <a href="#">Content Status</a></td></tr><tr><td>Manufacturer: Symantec</td><td>Devices with Installation: 0</td></tr><tr><td>Superseded: No</td><td>Failure: 0</td></tr><tr><td>Comments: Head Office Installer</td><td>Users with Application: 0</td></tr><tr><td></td><td>Users with Installation: 0</td><td></td></tr><tr><td></td><td>Failure: 0</td><td></td></tr><tr><td></td><td>Users with Catalog: 0</td><td></td></tr><tr><td></td><td>Installations: 0</td><td></td></tr></tbody></table><div>Summary   Deployment Types   Deployments   Phased Deployments   Task Sequences</div></div>	Icon	Name	Deployment Types	Deployments	Status		aafaqOnlineClientSetup	1	2	Active		Adobe Acrobat Reader DC	1	2	Active		Google Chrome	1	2	Active		MailStore Outlook Add-in	1	2	Active		Microsoft Office Professional Plus 2013	1	2	Active		Symantec Endpoint Protection	1	1	Active		<b>Symantec Endpoint Protection -HO</b>	1	1	Active		TeamViewer 14 Host	1	2	Active		WinRAR	1	2	Active	Application Properties	Application Statistics	Related Objects	Software Version: 14.2.5323.2000	Devices with Application: 5	 <a href="#">Content Status</a>	Manufacturer: Symantec	Devices with Installation: 0	Superseded: No	Failure: 0	Comments: Head Office Installer	Users with Application: 0		Users with Installation: 0			Failure: 0			Users with Catalog: 0			Installations: 0	
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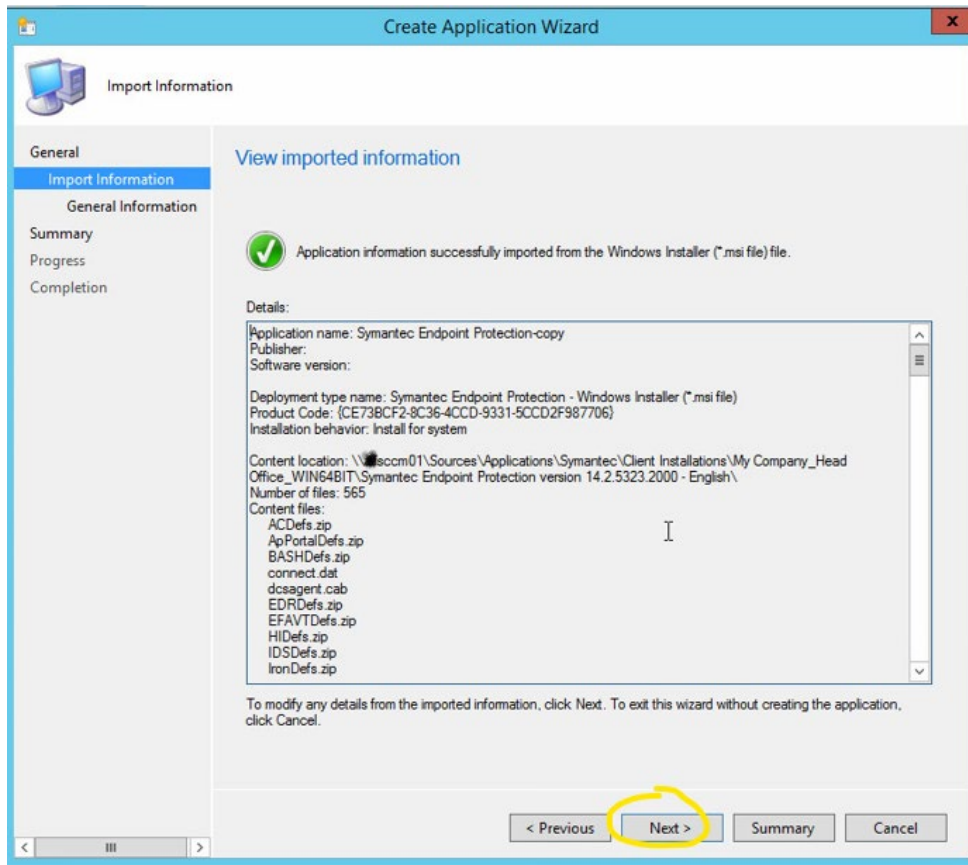
## Step 7

**Create Application Wizard will open**

1. From **General**, select **Automatically detect information about this application from installation files**;
2. Click **Browse** and locate any dummy **MSI** file, then
3. Click **Next** (see below screenshot for reference)



## Step 8

From **Import Information**, Click **Next**

## Step 9

From **General Information**

- Enter the **Application details**;
- Select **Install for system if resource is device; otherwise install for user**; then
- Click **Next** (see below screenshot for reference);

General Information

Specify information about this application

Name: Symantec Endpoint Protection

Administrator comments: Symantec Endpoint Protection for Head Office

Publisher: Symantec

Software version: 14.2.5323.2000

Optional reference:

Administrative categories:

Specify the installation program for this application and the required installation rights.

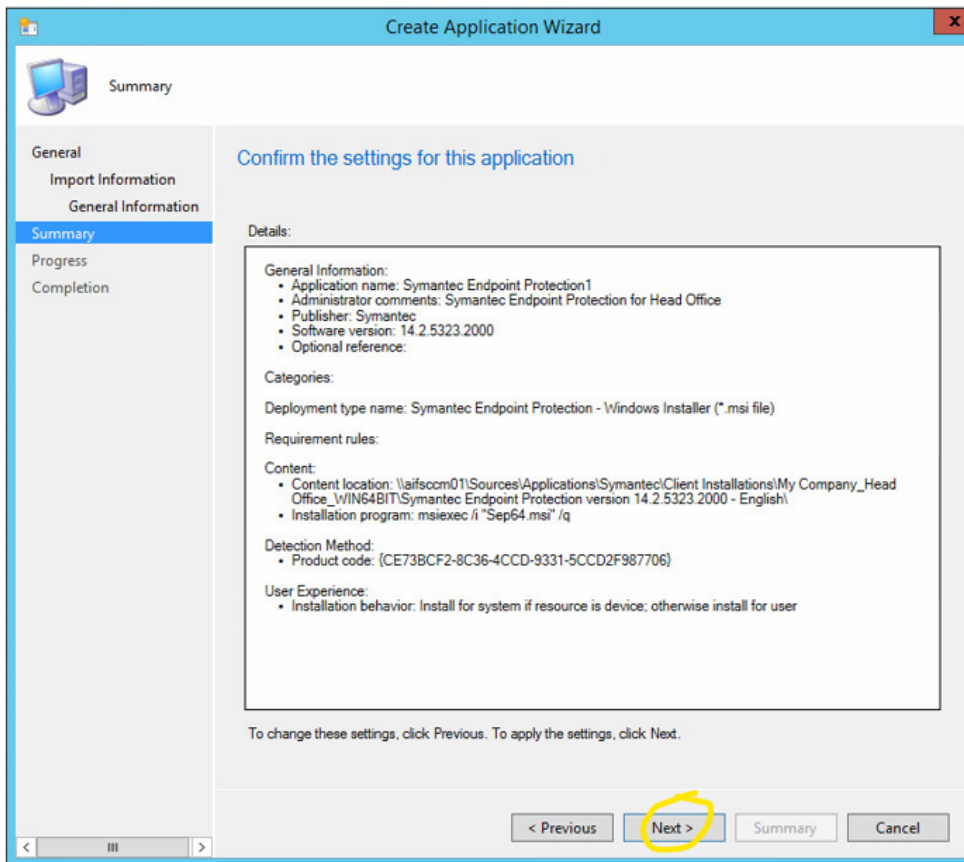
Installation program: msiexec /i "Sep64.msi" /q

☐ Run installation program as 32-bit process on 64-bit clients.

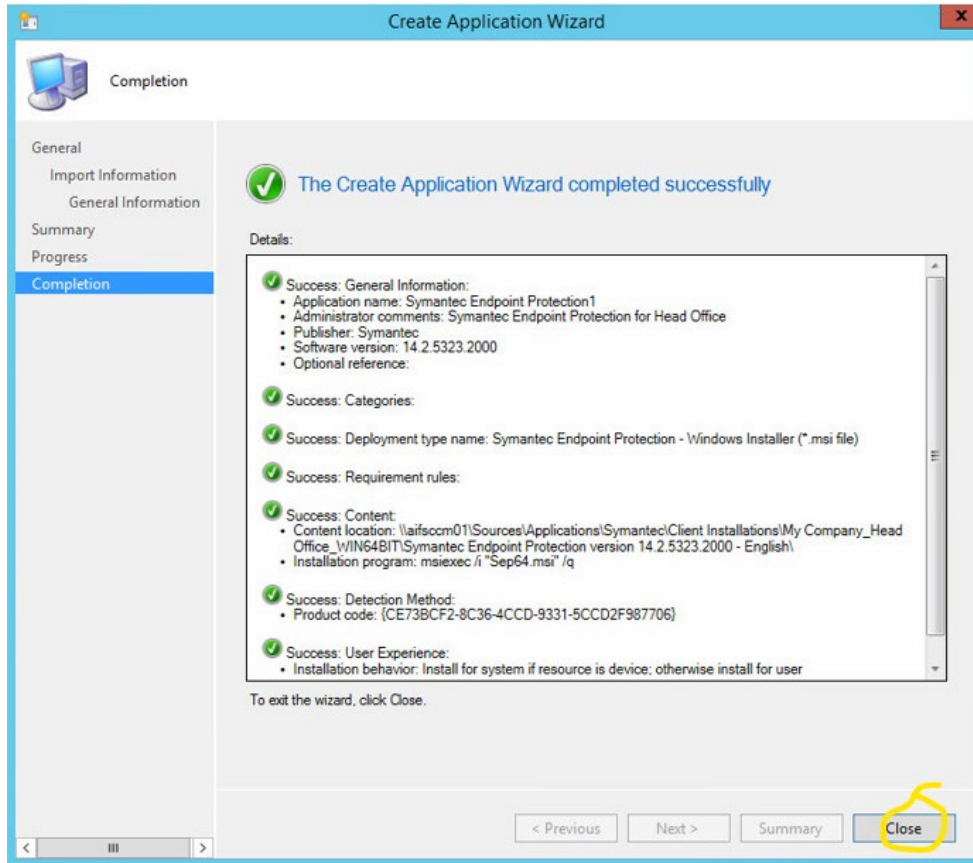
Install behavior: Install for system if resource is device; otherwise install for user

< Previous Next > Summary Cancel

## Step 10

From **Summary**, Click **Next**

**Step 11** From **Completion Window**, Click **Close** to complete the Application Wizard.



**Symantec EndPoint Protection Application** is now created with below details.

Software Library

- Overview
  - Application Management
    - Applications**
    - License Information for Store Apps
    - Packages
      - Application Requests
      - Global Conditions
      - App-V Virtual Environments
      - Windows Sideloading Keys
      - Application Management Policies
      - App Configuration Policies
    - Software Updates
    - Operating Systems
    - Windows 10 Servicing
    - Desktop Analytics Servicing
  - Assets and Compliance
  - Software Library**
  - Monitoring
  - Administration
  - Community

Applications 9 items

Icon	Name	Deployment Types	Deployments	Status
	aafaqOnlineClientSetup	1	2	Active
	Adobe Acrobat Reader DC	1	2	Active
	Google Chrome	1	2	Active
	MailStore Outlook Add-in	1	2	Active
	Microsoft Office Professional Plus 2013	1	2	Active
	Symantec Endpoint Protection	1	1	Active
	<b>Symantec Endpoint Protection -HO</b>	1	1	Active
	TeamViewer 14 Host	1	2	Active
	WinRAR	1	2	Active

**Symantec Endpoint Protection -HO**

Application Properties		Application Statistics		Related Objects
Software Version:	14.2.5323.2000	Devices with Application:	5	<a href="#">Content Status</a>
Manufacturer:	Symantec	Devices with Installation		
Superseded:	No	Failure:	0	
Comments:	Head Office Installer	Users with Application:	0	
		Users with Installation	0	
		Failure:	0	
		Users with Catalog	0	
		Installations:	0	

Summary | Deployment Types | Deployments | Phased Deployments | Task Sequences



## Step 12

From **Applications List**;

- Right Click on **Symantec EndPoint Protection**; then
- Select **Properties**

The screenshot shows the SCCM console with the 'Applications' list selected in the left pane. The right pane displays a list of applications with columns for Name, Icon, and Status. The application 'Symantec EndPoint Protection' is highlighted. A context menu is open, showing various actions, with 'Properties' selected. Below the context menu, the 'Symantec EndPoint Protection' properties window is displayed, showing application details and statistics.

Types	Deployments	Status
2	2	Active
2	2	Active
2	2	Active
2	2	Active
2	2	Active
1	1	Active

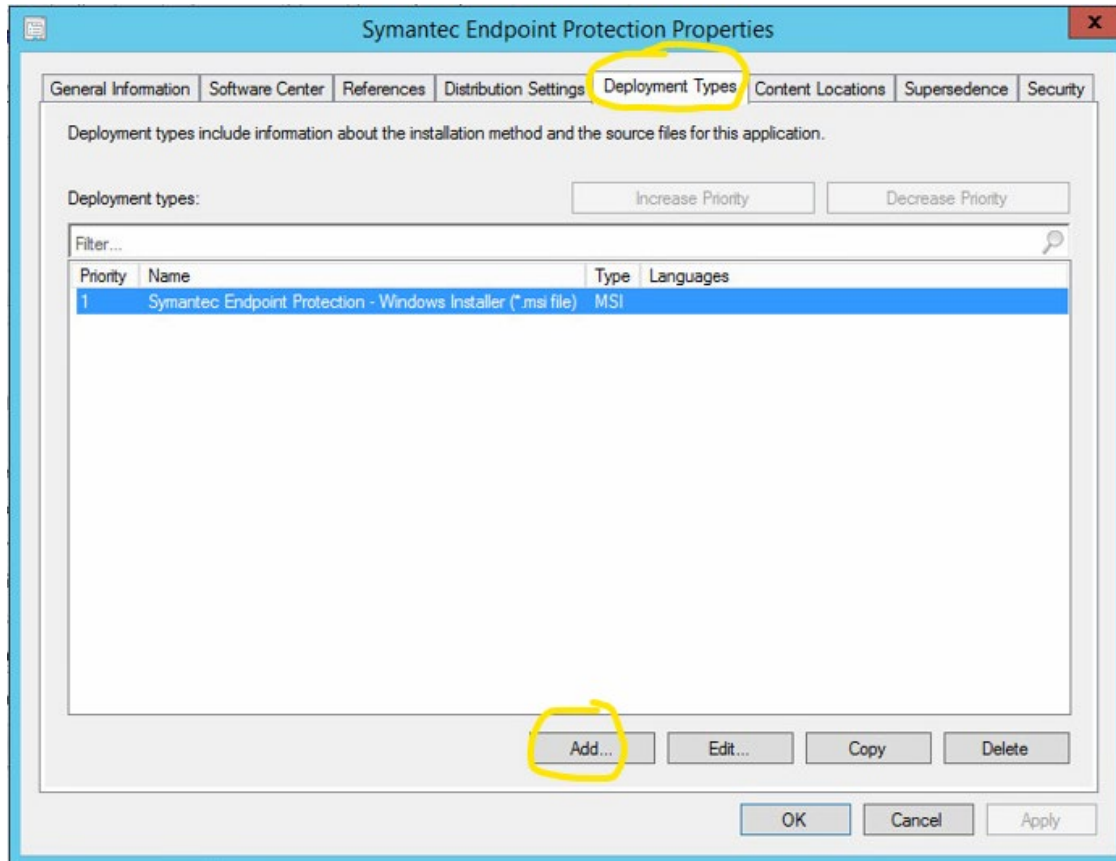
Application Properties		Application Statistics		Related Objects
Software Version:	14.2.5323.2000	Devices with Application:	1	<a href="#">Content Status</a>
Manufacturer:	Symantec Corporation	Devices with Installation:	0	
Superseded:	No	Users with Application:	0	
Comments:	Symantec Endpoint Protection	Users with Installation:	0	
		Users with Catalog:	0	
		Installations:	0	

Summary | Deployment Types | Deployments | Phased Deployments | Task Sequences

Step 13

From **Symantec EndPoint Protection Properties**

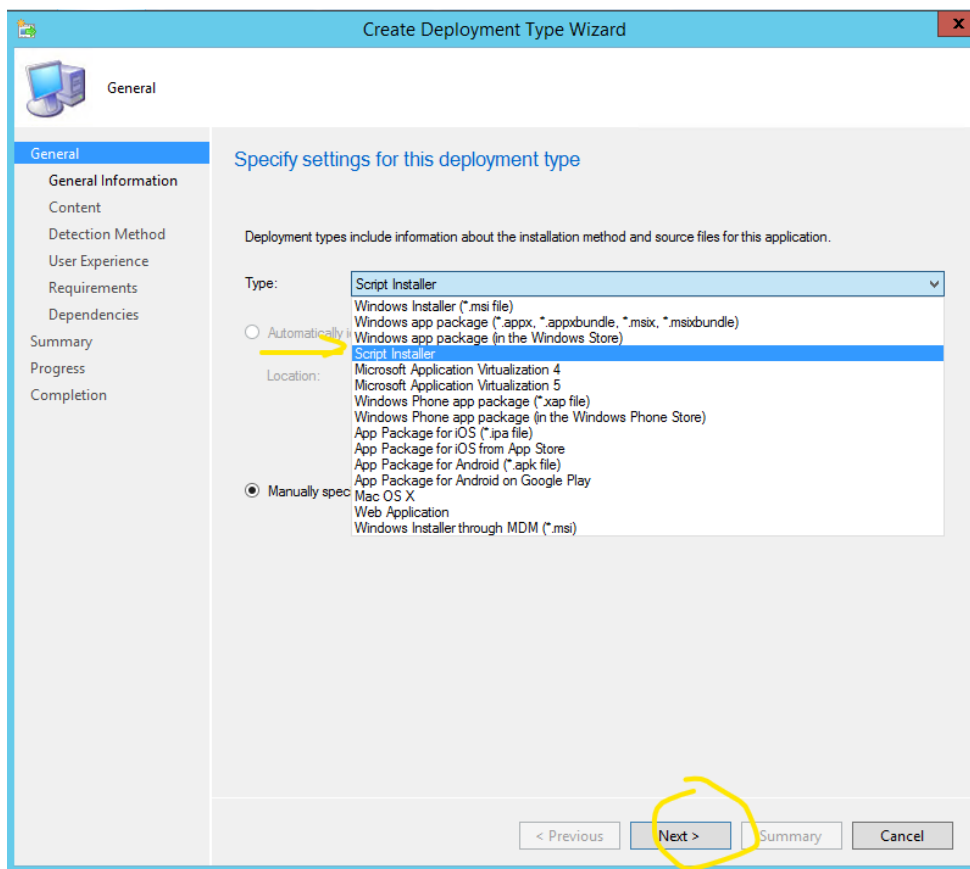
- Look for **Deployment Types**;
- Click **Add**;
- Then follow Create Deployment Type Wizard



Step 14

**Create Deployment Type Wizard** will open

- From **Specific settings for this deployment type**, Select **Script Installer** from the dropdown;



## Step 15

From **General Information**

- Enter **Name** and **Administration comments**; then
- Click **Next**

The screenshot shows the 'Create Deployment Type Wizard' window with the 'General Information' tab selected. The left sidebar lists the steps: General, Content, Detection Method, User Experience, Requirements, Dependencies, Summary, Progress, and Completion. The main area is titled 'Specify general information for this deployment type' and contains the following fields:

- Name:** A text box containing 'Symantec EndPoint Protection'.
- Administrator comments:** A text box containing 'Symantec EndPoint Protection For Head Office'.
- Languages:** A dropdown menu with a 'Select...' button next to it.

At the bottom of the window, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. The 'Next >' button is highlighted with a yellow circle.

## Step 16

From **Content**,

- From **Content locations**, click **Browse** then locate the location of **Setup.exe**;
  - Sample: \\sccm01\Sources\Applications\Symantec\Client Installations\My Company\_Head Office\_WIN64BIT
- From **specify the command used to install this content**, Click **Browse**, select **Setup.exe** file; then
- Click **Next**

**Create Deployment Type Wizard**

**Content**

General  
General Information  
**Content**  
Detection Method  
User Experience  
Requirements  
Dependencies  
Summary  
Progress  
Completion

Specify information about the content to be delivered to target devices

Specify the location of the deployment type's content and other settings that control how content is delivered to target devices. All the contents in the path specified will be delivered.

Content location: \\sccm01\Sources\Applications\Symantec\Client Installations\My Company\_Head Office\_WIN64BIT **Browse...**

☐ Persist content in the client cache

Specify the command used to install this content.

Installation program: setup.exe **Browse...**

Installation start in:

Configuration Manager can remove installations of this content if an uninstall program is specified below.

Uninstall program: **Browse...**

Uninstall start in:

☐ Run installation and uninstall program as 32-bit process on 64-bit clients.

< Previous **Next >** Summary Cancel

## Step 17

From **Detection Method**

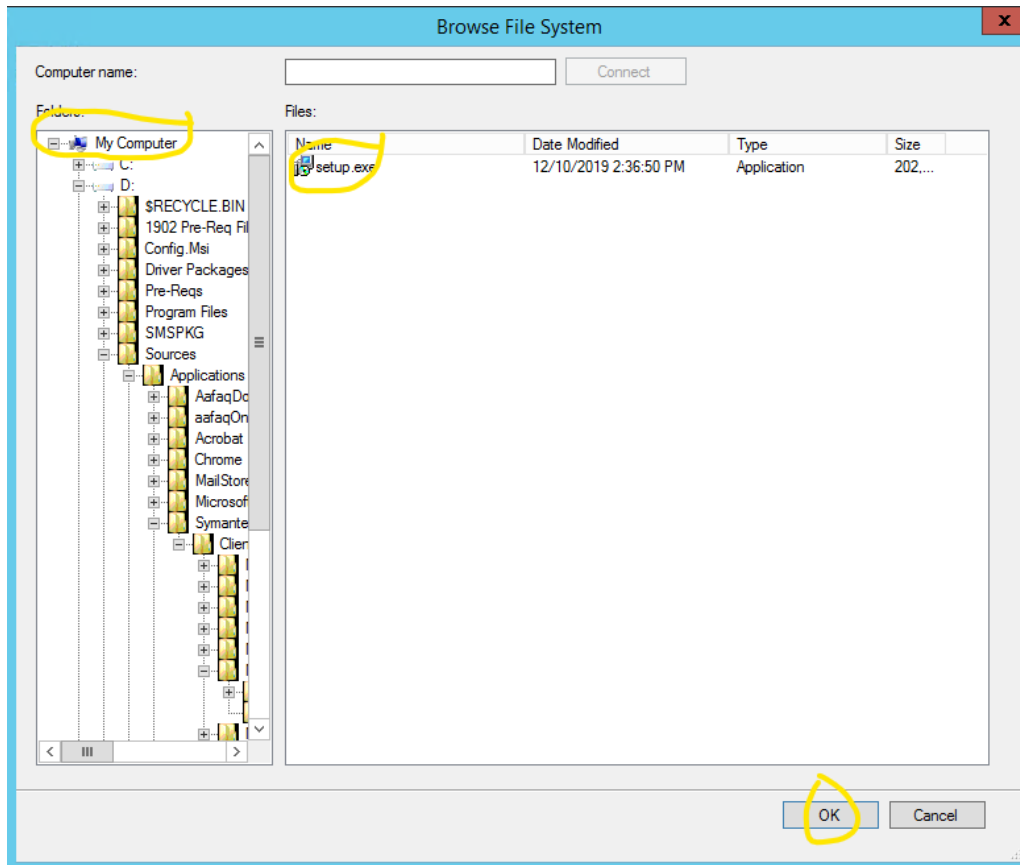
- Click **Add Clause...**

The screenshot shows the 'Create Deployment Type Wizard' window, specifically the 'Detection Method' step. The window has a title bar with the text 'Create Deployment Type Wizard' and a close button. On the left is a navigation pane with the following items: General, General Information, Content, **Detection Method** (highlighted), User Experience, Requirements, Dependencies, Summary, Progress, and Completion. The main area is titled 'Specify how this deployment type is detected'. Below this title is a paragraph: 'Specify how Configuration Manager determines whether this deployment type is already present on a device. This detection occurs before the content is installed or when software inventory data is collected.' There are two radio buttons: the first is selected and labeled 'Configure rules to detect the presence of this deployment type:', followed by a list box with 'Connector ( Clause )'. To the right of the list box are three buttons: 'Add Clause...' (circled in yellow), 'Edit Clause', and 'Delete Clause'. Below the list box is a red information icon. At the bottom of the list box area are 'Group' and 'Ungroup' buttons. The second radio button is labeled 'Use a custom script to detect the presence of this deployment type:' and has two text boxes for 'Script type:' and 'Script length:', with an 'Edit...' button to the right. At the bottom of the window are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'.

## Step 18

**Detection Rule Pop-up will open,**

- From Specify the file or folder to detect this application,
  - Click Browse, locate the **Setup.exe** file from **local SCCM folder**;
  - Click **Ok** twice; then
  - Click **Next**



**Detection Rule**

Create a rule that indicates the presence of this application.

Setting Type:

Specify the file or folder to detect this application.

Type:

Path:

File or folder name:

☒ This file or folder is associated with a 32-bit application on 64-bit systems.

☒ The file system setting must exist on the target system to indicate presence of this application

☐ The file system setting must satisfy the following rule to indicate the presence of this application

Property:

Operator:

Value:

**Symantec EndPoint Protection Properties**

Install Behavior

General | Content | Programs | **Detection Method** | User Experience | Requirements | Return Codes | Dependencies

Specify how Configuration Manager determines whether this deployment type is already present on a device. This detection occurs before the content is installed or when software inventory data is collected.

☒ Configure rules to detect the presence of this deployment type:

Connector	Clause
▶	setup.exe exists

☐ Use a custom script to detect the presence of this deployment type:

Script type:

Script length:



## Step 19

From **User Experience**,

- Select **Install for system if resource is device; otherwise install for user**;
- Click **Next** four times until **Completion**; then
- Click **Close**

Create Deployment Type Wizard

User Experience

General Information  
Content  
Detection Method  
**User Experience**  
Requirements  
Dependencies  
Summary  
Progress  
Completion

Specify user experience settings for the application

Installation behavior: Install for system if resource is device; otherwise install for user

Logon requirement: Only when a user is logged on

Installation program visibility: Normal

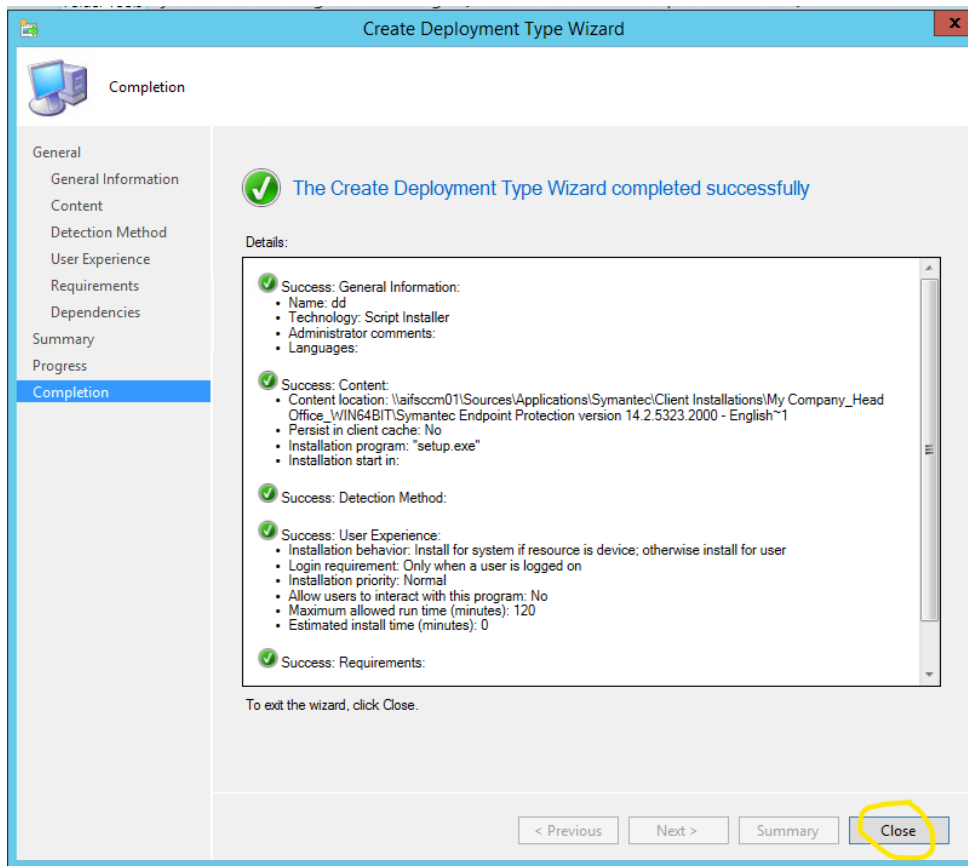
☐ Allow users to view and interact with the program installation

Specify the maximum run time and estimated installation time of the deployment program for this application. The estimated installation time displays to the user when the application installs.

Maximum allowed run time (minutes): 120

Estimated installation time (minutes): 0

< Previous **Next >** Summary Cancel

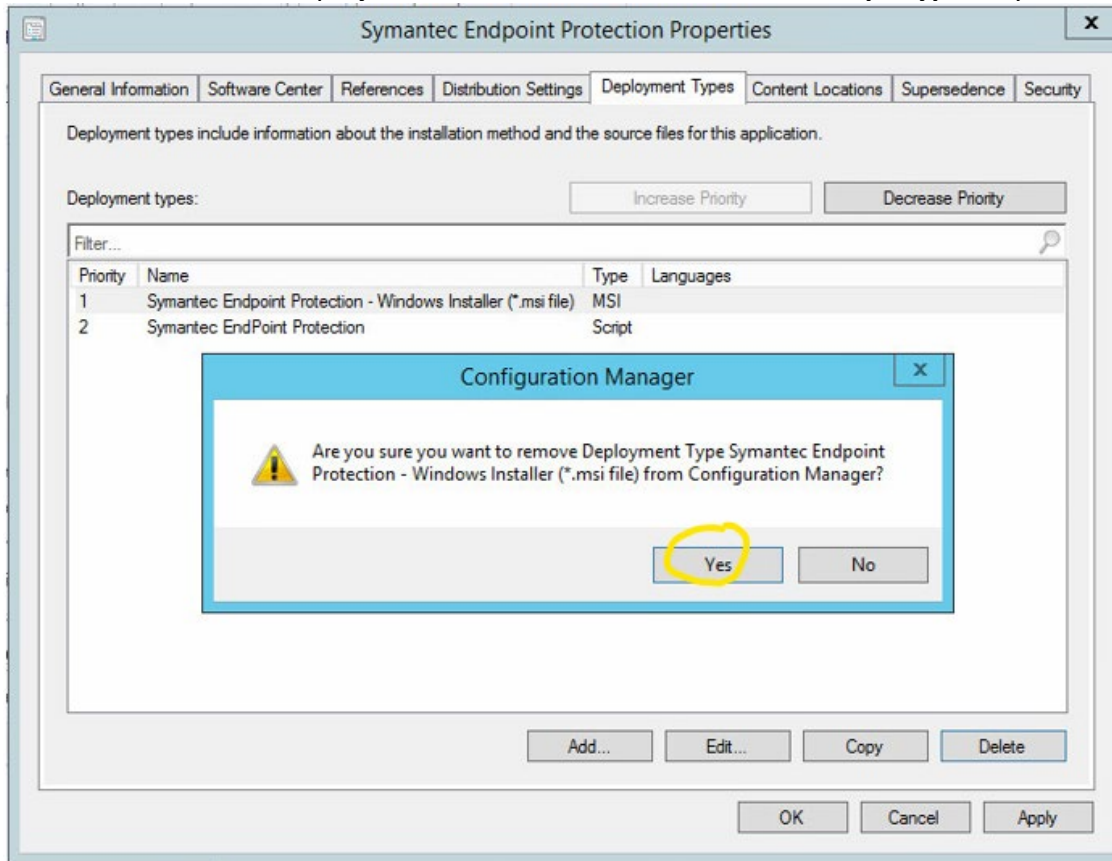


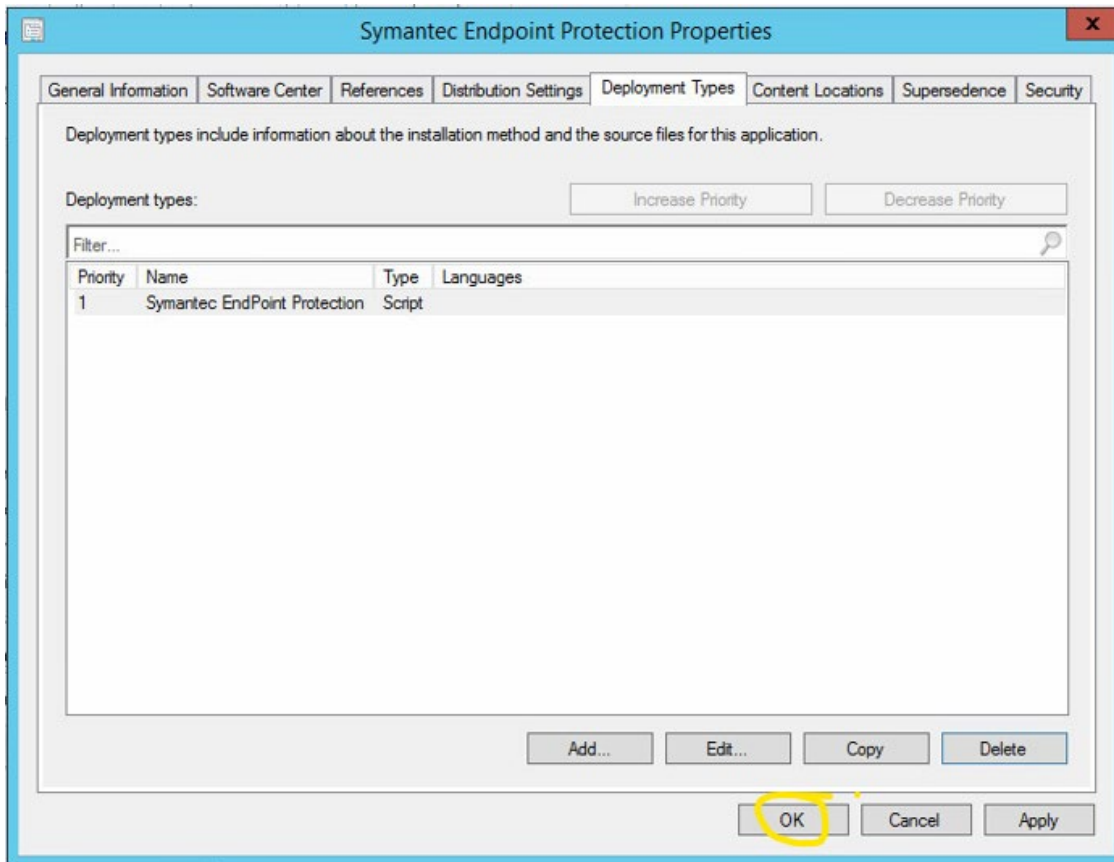
## Step 20

From **Symantec EndPoint Protection Properties**

- Delete the **MSI** File;
- Click **Yes**; then
- Click **OK**

Note\* Make sure to keep **Symantec EndPoint Protection** with **Script Type** only.





***Now you have working Symantec EndPoint Protection application and start deploying***