



Security Removable Media Manager

# Prerequisites Installation Guide

Version 9.11.27.0

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*Protect your valuable data*



# secRMM Prerequisites Installation Guide

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Squadra Technologies Excel AddIn Administrator Guide  
Created - August 2011

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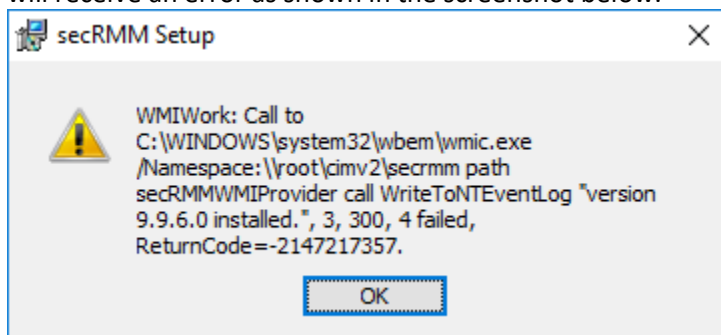
## Introduction

**NOTE: This document is 95% screenshots so don't get discouraged with the number of pages! Hopefully you will find that a picture is really worth 1000 words.**

**Security Removable Media Manager** (secRMM) relies on the **Microsoft Visual C++ Redistributable** dlls. secRMM is using the most current version of the Microsoft Visual C++ Redistributable dlls called "Microsoft Visual C++ 2015 Redistributable Update 3". If you are keeping current with Microsoft updates, this should already be installed on your systems. If your systems do not already have "Microsoft Visual C++ 2015 Redistributable Update 3" installed, this installation guide will show you how to deploy it to your systems. To check if your systems already have this software, see the section below titled "Checking for the Microsoft Prerequisite software". If this software is already on your systems, you do not need to perform the steps in this document.

You have the option of deploying the "Microsoft Visual C++ 2015 Redistributable Update 3" software using either System Center Configuration Manager (SCCM) or Active Directory Group Policy Objects (AD GPO). Both of these options are described in this installation guide. Since two out of the four steps are the same, we combined the instructions for deploying using SCCM or GPO into one document.

If you try to install secRMM without "Microsoft Visual C++ 2015 Redistributable Update 3" installed, you will receive an error as shown in the screenshot below.



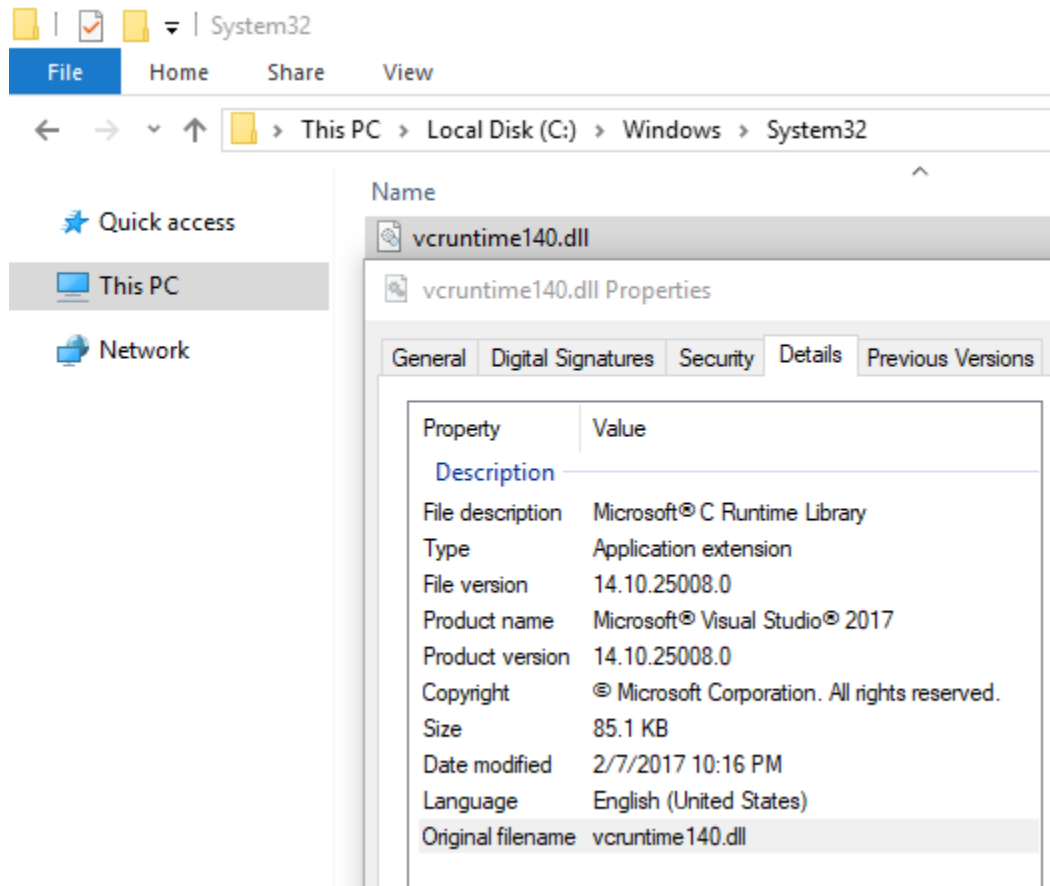
## System Requirements

The secRMM installation requires that you perform the installation while logged in as an Administrator. If you attempt to perform the installation and are not an Administrator, the final step of the installation process will prompt you to login as an Administrator before it will actually perform the installation. The secRMM product was designed to run on Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10, Windows 11, Windows Server 2003, Windows Server 2008, Windows Server 2012 and Windows Server 2019, Windows Server 2022. The secRMM product provides a 64bit and 32bit version. Any CPU configuration is supported. The secRMM product requires the Windows Management Instrumentation (WMI) service and **Microsoft .Net Framework version 3.5**.

## Checking for the Microsoft Prerequisite software

# secRMM Prerequisites Installation Guide

To see if the “Microsoft Visual C++ 2015 Redistributable Update 3” dlls are already on your systems, you can check in the Windows\system32 directory for a dll named vcruntime140.dll.



If the “Microsoft Visual C++ 2015 Redistributable Update 3” dlls are not on your systems and you install secRMM anyways, secRMM will generate an error (“Provider load failure”) and will not be able to function properly.

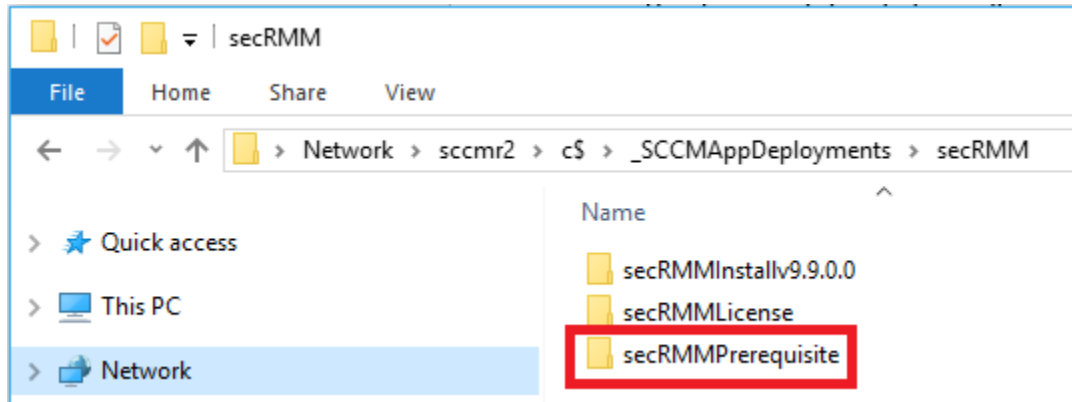
## Prepare the server

To deploy the “Microsoft Visual C++ 2015 Redistributable Update 3” software, we will create a network share on a server in your domain that all the computers in your domain can access.

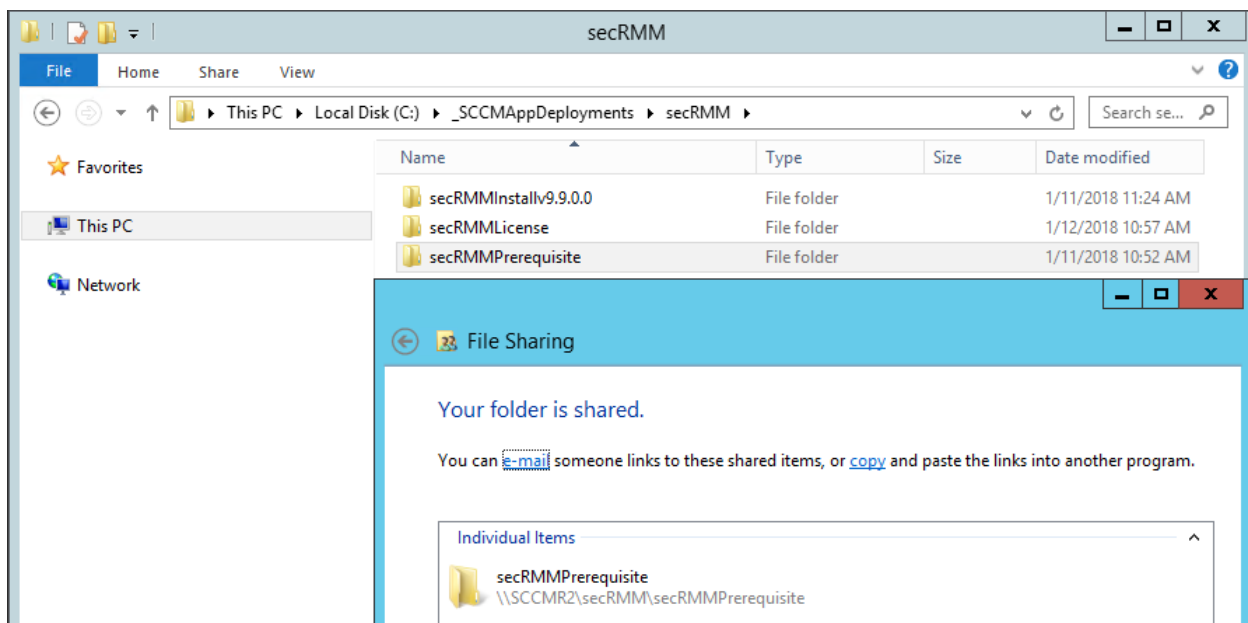
If you started out by following the secRMM installation documentation for SCCM or GPO, you will probably have already done much of this section.

**Please be sure though that you allow Read and Write access to the subdirectory named secRMMPrerequisite.** This is because the script will write log files back into the secRMMPrerequisite subdirectory so you are able to analyze the deployment from a central location.

## secRMM Prerequisites Installation Guide

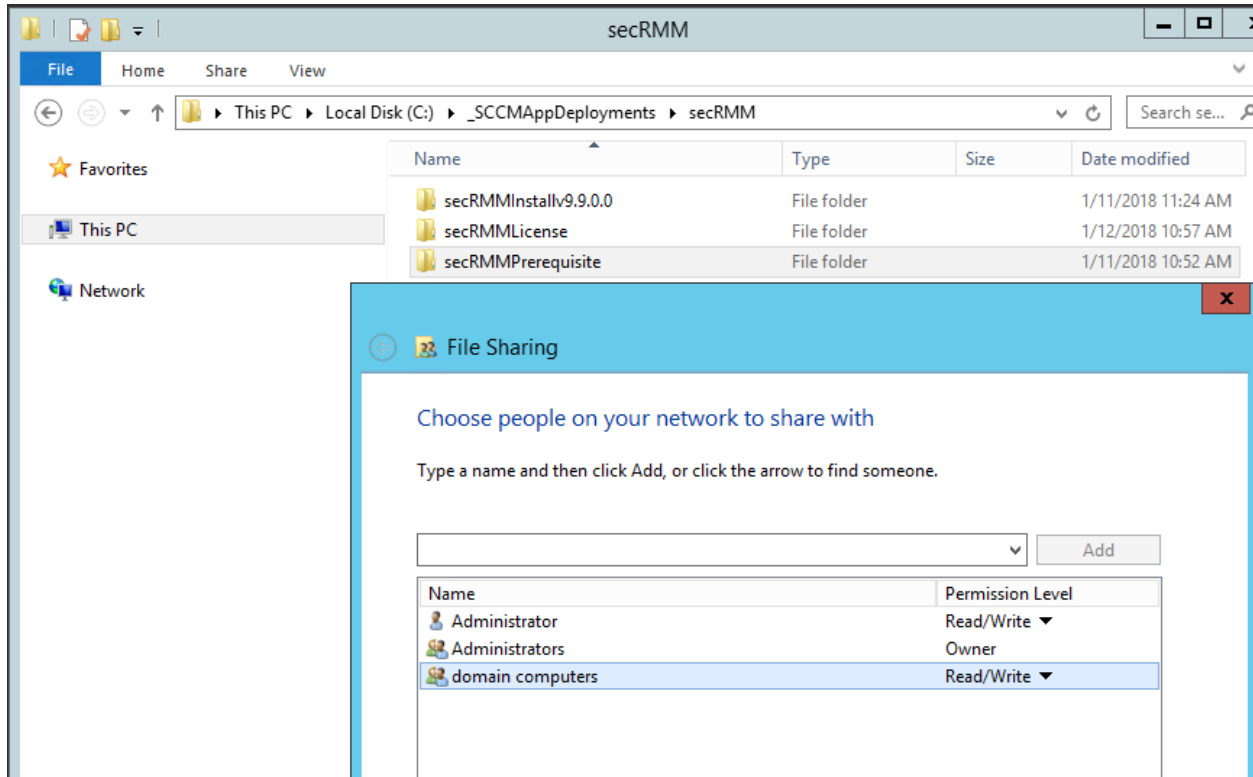


As you can see from the screenshot above, we used a server (named sccmr2) and created a secRMM directory under the directory named \_SCCMApDeployments. We will share the directory C:\\_SCCMApDeployments\secRMM\secRMMPrerequisite so the client computers in your domain can read and write to it. In the screen shot below, you can see we create the share on the SCCMR2 server for C:\\_SCCMApDeployments\secRMM\secRMMPrerequisite. The share is named secRMMPrerequisite so other computers can access this share at \\SCCMR2\secRMMPrerequisite.



Note the share permission below. We allow the “Domain Computers” read and write access to this share.

# secRMM Prerequisites Installation Guide



## Download the software

Now that the directory structure has been created, we will download the files that need to go into the secRMMPrerequisite subdirectory.

Deploying the “Microsoft Visual C++ 2015 Redistributable Update 3” software is performed using a Windows CMD script named InstallMSVSRuntime.cmd. You will download this script from the Squadra Technologies web site.

Go to <http://www.squadratechnologies.com> and follow the screen shot below to get to the secRMM download page.

# secRMM Prerequisites Installation Guide

squadra technologies secRMM dow X +

www.squadratechnologies.com/Products/secRMM/secRMMDownloads.aspx

**squadra** technologies  Developed in USA

home **software** 1 hardware services partners company

**secRMM** 2

## secRMM Downloads

Home >> secRMM >> Downloads

**Please specify your information to download secRMM.**

Once you click the submit button below, you will be redirected to the download page.

First Name

Last Name  4

E-mail

Company

Phone #

Country

**Submit** 5

**Download** 3

Overview

Documentation

Video

Screenshots

Features

Release Notes





## secRMM Prerequisites Installation Guide

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Please select a link(s) from the list below. Fully functional 30 day free trial.

Item	Download link
<a href="#">Prerequisite: Microsoft Universal C Runtime Update 3 (current MS patches contain this)</a>	<a href="#">Microsoft download center</a>
<a href="#">secRMM x64 install</a>	<a href="#">secRMMInstallx64.zip</a>
<a href="#">secRMM x86 install</a>	<a href="#">secRMMInstallx86.zip</a>
<a href="#">Administrators Guide</a>	<a href="#">secRMMAdministratorGuide.pdf</a> left click to view online right click and then "Save As" to download
<b>Additional downloads</b>	<a href="#">Additional optional downloads</a>

On the "Additional optional downloads" page, when you click the "secRMMDeployment.zip" link, it will download the secRMMDeployment.zip file to your local computer.

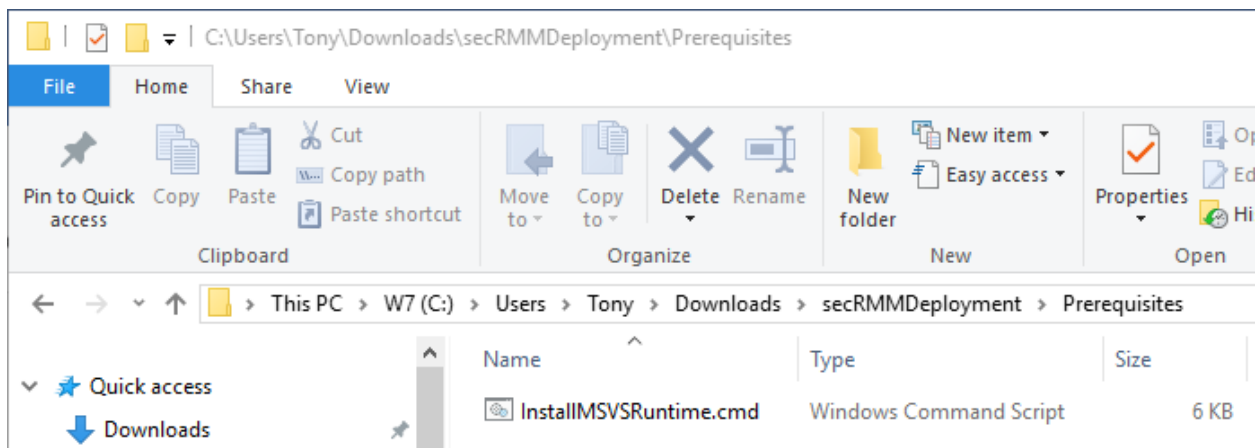
# secRMM Prerequisites Installation Guide

Home >> secRMM >> Downloads >> Optional Downloads

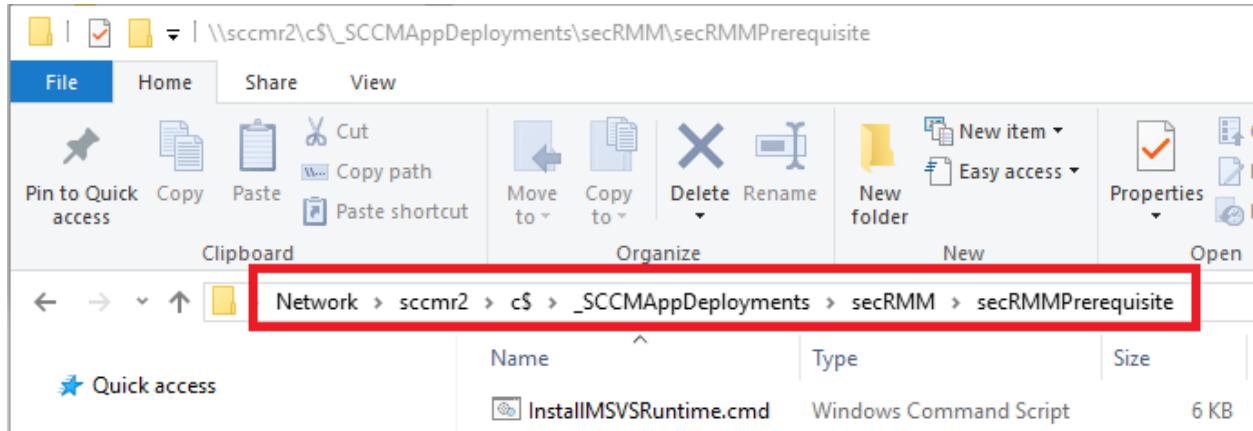
Item	Download link
Microsoft System Center	<a href="#">secRMM System Center Integration</a>
Excel AddIn	<a href="#">secRMMExcelAddIn</a>
secRMMCentral	<a href="#">secRMMCentral</a>
secRMM Reports	<a href="#">secRMMReports</a>
secRMMDeployment tools	<a href="#">secRMMDeployment.zip</a>
secRMM SNMP MIB file	<a href="#">secRMMSNMP-MIB.txt</a> right click and then "Save As" to download
secRMM Smart Phone Apps	<a href="#">secRMM Smart Phone Apps</a>
Hardware Vendor Freeware version(s)	<a href="#">Apricorn secRMM Freeware version</a>

## Get the deployment script

Extract (unzip) the secRMMDeployment.zip that you just downloaded in the section above. Copy the InstallMSVSRuntime.cmd file that is in the "Prerequisites" subdirectory from the extracted zip file into the secRMMPrerequisite share (in our example, this is on the sccmr2 server under the directory named C:\\_SCCMApDeployments\secRMM\secRMMPrerequisite).



## secRMM Prerequisites Installation Guide



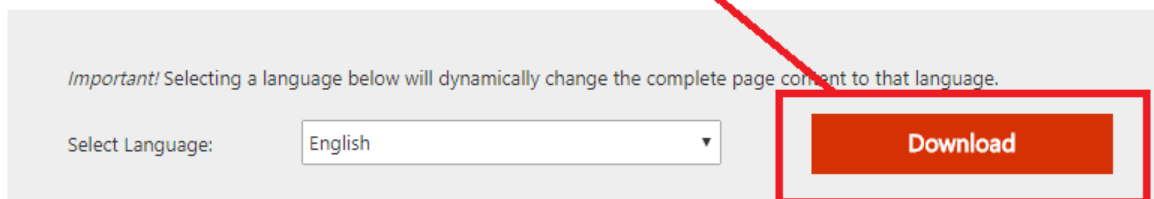
### Get Microsoft installation files

Go to the Microsoft download center at:

<https://www.microsoft.com/en-us/download/details.aspx?id=53587>

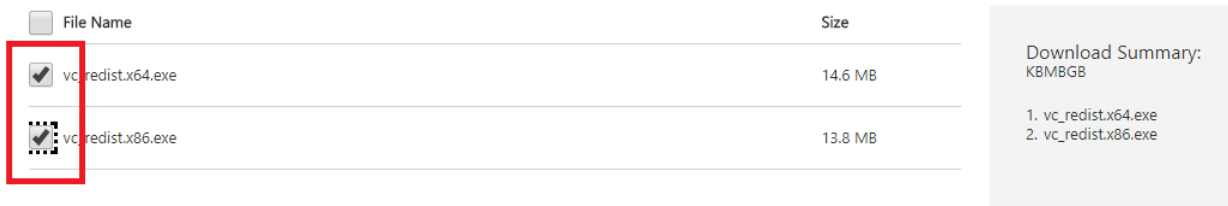
Click the download button.

Microsoft Visual C++ 2015 Redistributable Update 3



Select to download both the vc\_redist.x64.exe and vc\_redist.x86.exe files

Choose the download you want

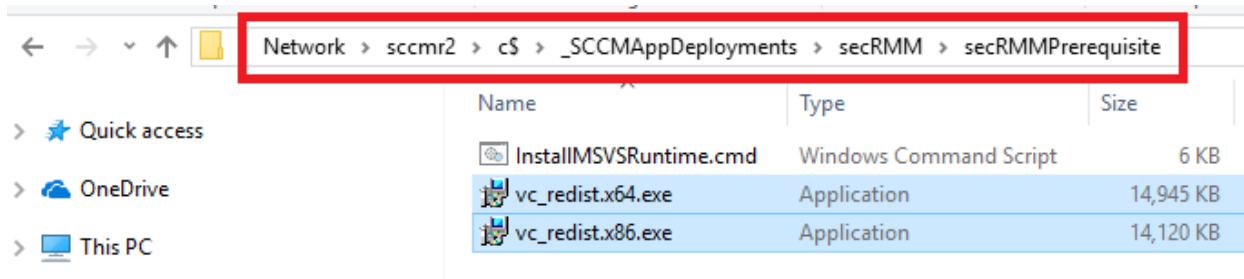


The downloaded files will be copied to your local drive.



## secRMM Prerequisites Installation Guide

Copy both of these files (vc\_redist.x64.exe and vc\_redist.x86.exe) into the secRMMPrerequisite share (in our example, this is on the sccmr2 server under the directory named C:\\_SCCMAppDeployments\secRMM\secRMMPrerequisite).



At this point, the server has the 3 files (InstallMSVSRuntime.cmd, vc\_redist.x64.exe and vc\_redist.x86.exe) we need to deploy the “Microsoft Visual C++ 2015 Redistributable Update 3” software to the computers in your environment.

### Deploy using SCCM

#### Create SCCM Application

Create a SCCM Application to deploy the Microsoft Prerequisite software to the computers in your environment. Press the “Create Application” button on the SCCM Console ribbon bar when you have the Software Library->Application Management->Applications->secRMM clicked.

The “Create Application Wizard” will display. Select the “Manually specify the application installation” and click the Next button.

## secRMM Prerequisites Installation Guide

**Create Application Wizard**

**General**

**Specify settings for this application**

Applications contain software that you can deploy to users and devices in your Configuration Manager environment. Applications can contain multiple deployment types that customize the installation behavior of the application.

☐ Automatically detect information about this application from installation files:

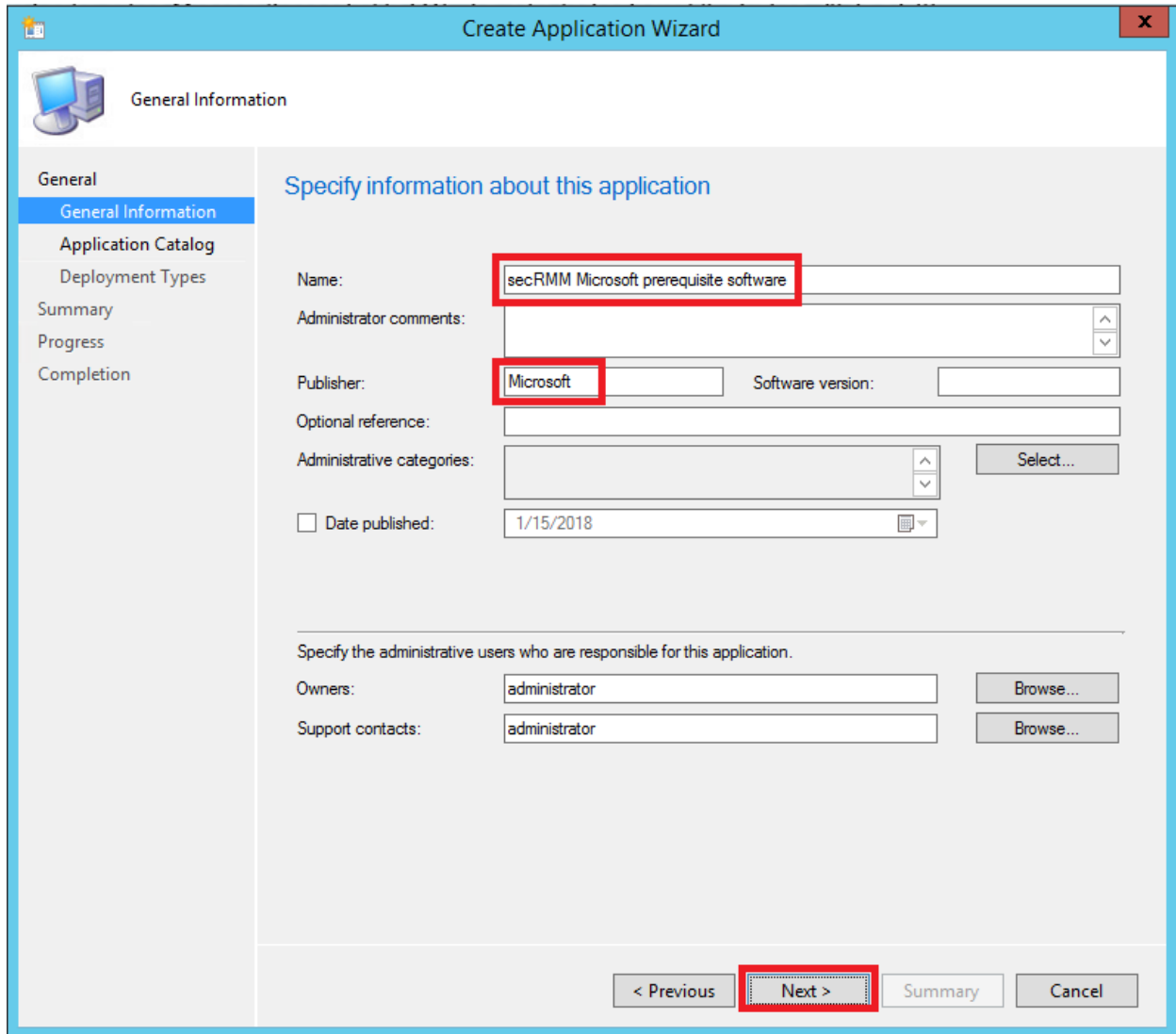
Type:

Location:   
Example: \\Server\Share\File

☒ **Manually specify the application information**

< Previous **Next >** Summary Cancel

# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Create Application Wizard' window, specifically the 'General Information' step. The window has a blue title bar with the text 'Create Application Wizard' and a close button. On the left, there is a sidebar with a tree view containing the following items: 'General' (selected), 'General Information', 'Application Catalog', 'Deployment Types', 'Summary', 'Progress', and 'Completion'. The main area is titled 'Specify information about this application'. It contains several input fields and buttons. The 'Name' field is filled with 'secRMM Microsoft prerequisite software'. The 'Publisher' field is filled with 'Microsoft'. The 'Software version' field is empty. The 'Optional reference' field is empty. The 'Administrative categories' field is empty, with a 'Select...' button to its right. The 'Date published' checkbox is unchecked, and the date field is filled with '1/15/2018'. Below these fields, there is a section titled 'Specify the administrative users who are responsible for this application.' with two rows: 'Owners' and 'Support contacts'. Both rows have a text field filled with 'administrator' and a 'Browse...' button to its right. At the bottom of the window, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. The 'Next >' button is highlighted with a red border.

Create Application Wizard

General Information

General Information

Application Catalog

Deployment Types

Summary

Progress

Completion

Specify information about this application

Name: secRMM Microsoft prerequisite software

Administrator comments:

Publisher: Microsoft Software version:

Optional reference:

Administrative categories: Select...

☐ Date published: 1/15/2018

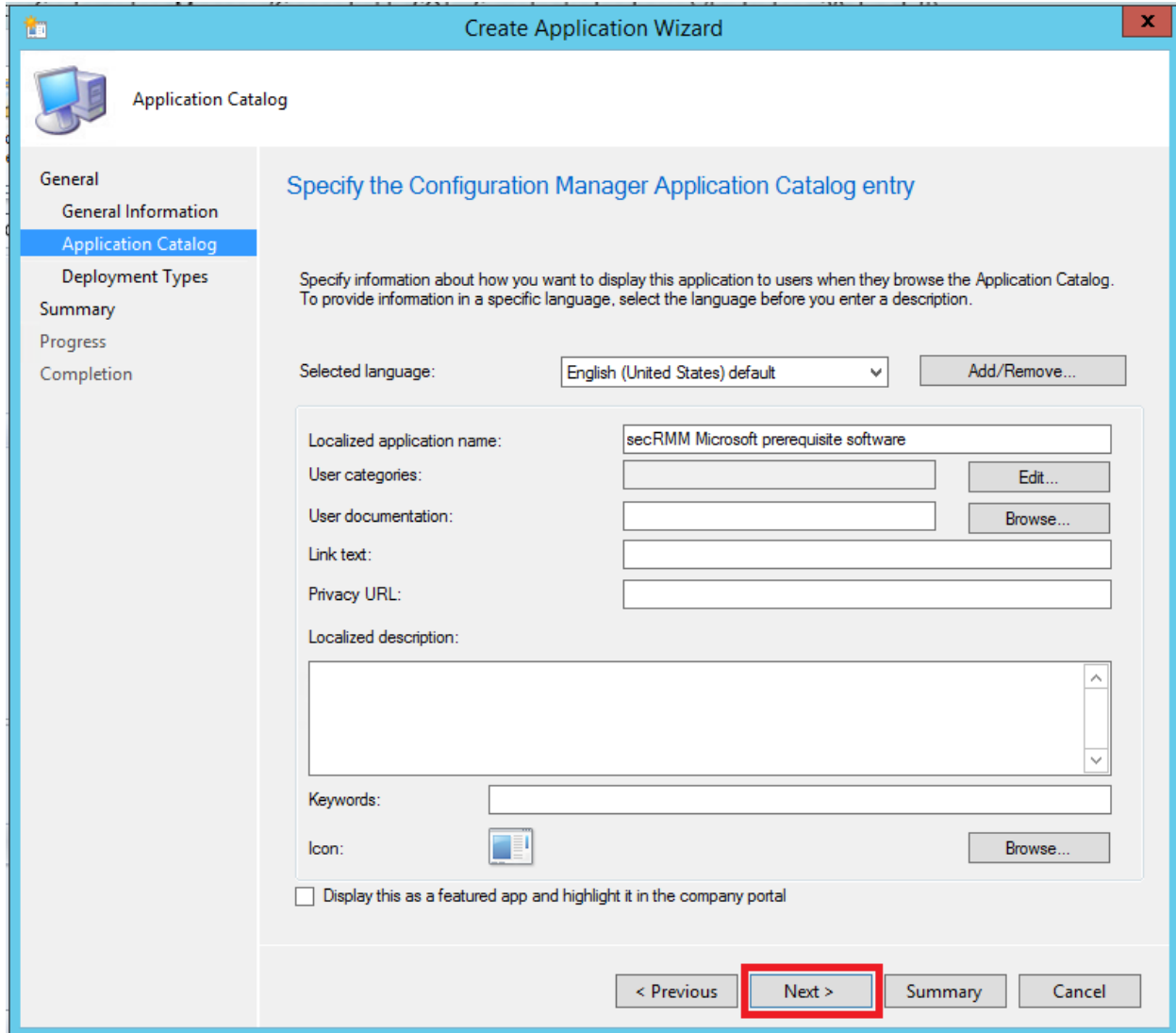
Specify the administrative users who are responsible for this application.

Owners: administrator Browse...

Support contacts: administrator Browse...

< Previous Next > Summary Cancel

# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Create Application Wizard' window, specifically the 'Application Catalog' step. The window has a blue title bar with the text 'Create Application Wizard' and a close button. On the left, there is a sidebar with a tree view containing 'General', 'General Information', 'Application Catalog' (selected), 'Deployment Types', 'Summary', 'Progress', and 'Completion'. The main area is titled 'Specify the Configuration Manager Application Catalog entry'. It contains a paragraph of instructions: 'Specify information about how you want to display this application to users when they browse the Application Catalog. To provide information in a specific language, select the language before you enter a description.' Below this, there is a 'Selected language:' label, a dropdown menu showing 'English (United States) default', and an 'Add/Remove...' button. The main form area includes several input fields: 'Localized application name:' with the text 'secRMM Microsoft prerequisite software', 'User categories:' with an empty field and an 'Edit...' button, 'User documentation:' with an empty field and a 'Browse...' button, 'Link text:' with an empty field, 'Privacy URL:' with an empty field, and 'Localized description:' with a large text area. Below these fields are 'Keywords:' with an empty field and 'Icon:' with a small icon and a 'Browse...' button. At the bottom, there is a checkbox labeled 'Display this as a featured app and highlight it in the company portal'. The bottom of the window has four buttons: '< Previous', 'Next >' (highlighted with a red rectangle), 'Summary', and 'Cancel'.

Create Application Wizard

Application Catalog

General

General Information

Application Catalog

Deployment Types

Summary

Progress

Completion

Specify the Configuration Manager Application Catalog entry

Specify information about how you want to display this application to users when they browse the Application Catalog. To provide information in a specific language, select the language before you enter a description.

Selected language: English (United States) default Add/Remove...

Localized application name: secRMM Microsoft prerequisite software

User categories: Edit...

User documentation: Browse...

Link text:

Privacy URL:

Localized description:

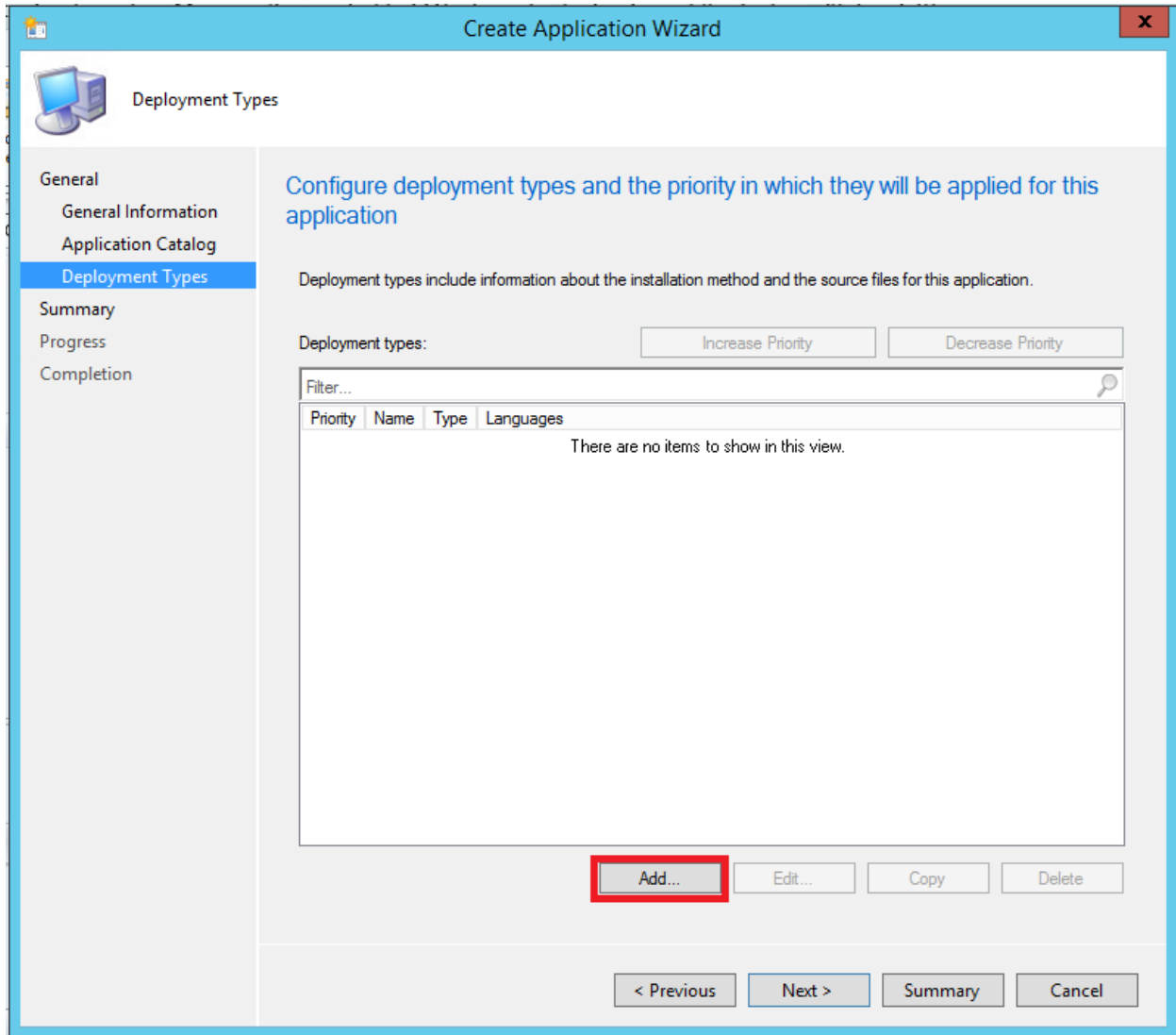
Keywords:

Icon: Browse...

☐ Display this as a featured app and highlight it in the company portal

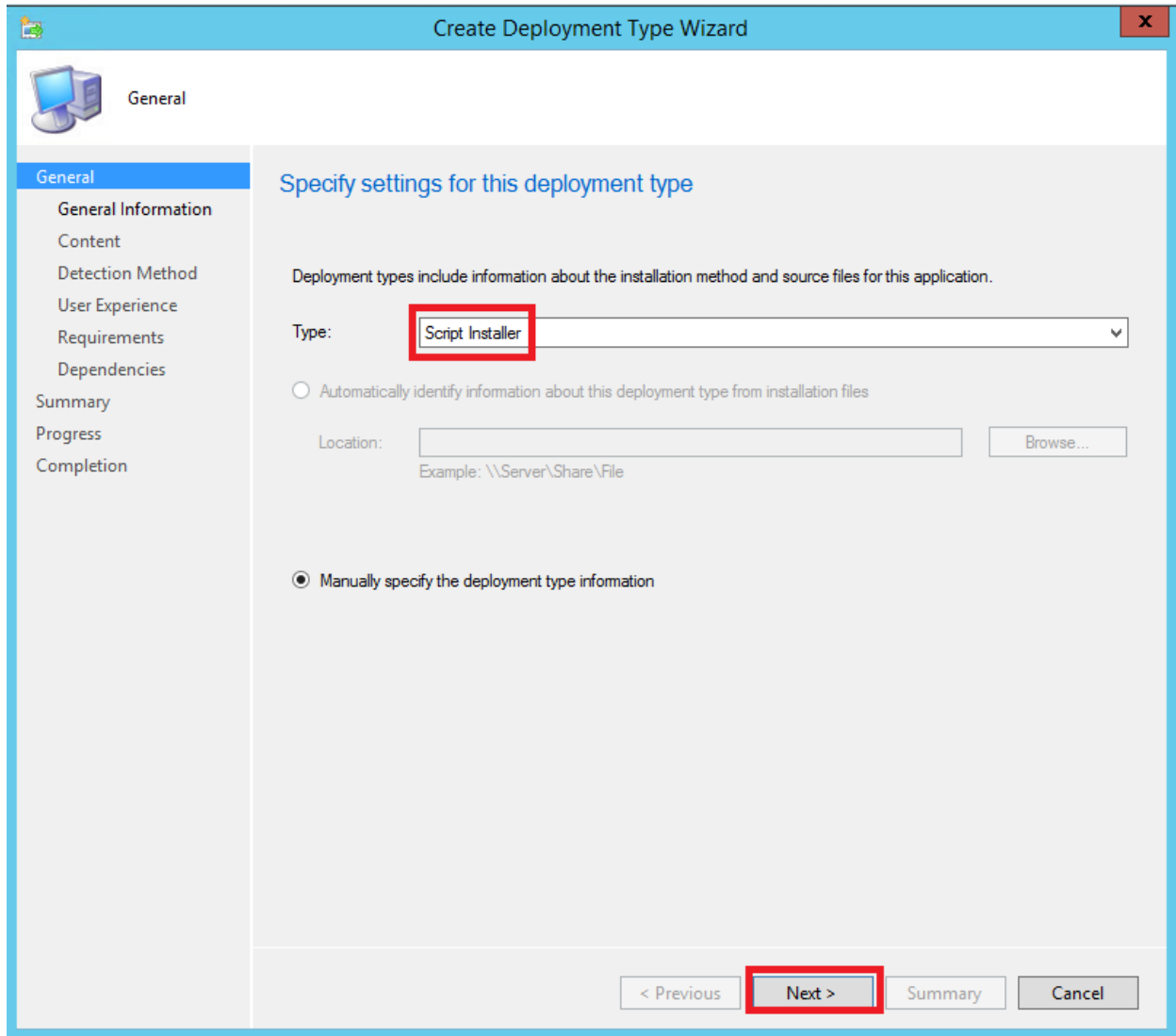
< Previous Next > Summary Cancel

# secRMM Prerequisites Installation Guide





# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Create Deployment Type Wizard' window, specifically the 'General' tab. The window has a blue title bar with the text 'Create Deployment Type Wizard' and a close button (X) in the top right corner. On the left side, there is a vertical navigation pane with a tree view containing the following items: 'General' (selected and highlighted in blue), 'General Information', 'Content', 'Detection Method', 'User Experience', 'Requirements', 'Dependencies', 'Summary', 'Progress', and 'Completion'. The main area of the wizard is titled 'Specify settings for this deployment type'. It contains the following elements: A text box labeled 'Type:' with a dropdown menu showing 'Script Installer'. Below this, there is a radio button labeled 'Automatically identify information about this deployment type from installation files'. Further down, there is a text box labeled 'Location:' with a 'Browse...' button next to it. Below the 'Location:' text box, there is an example path: 'Example: \\Server\Share\File'. At the bottom of the main area, there is a radio button labeled 'Manually specify the deployment type information', which is currently selected. At the bottom of the wizard, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

General

Specify settings for this deployment type

Deployment types include information about the installation method and source files for this application.

Type: Script Installer

☐ Automatically identify information about this deployment type from installation files

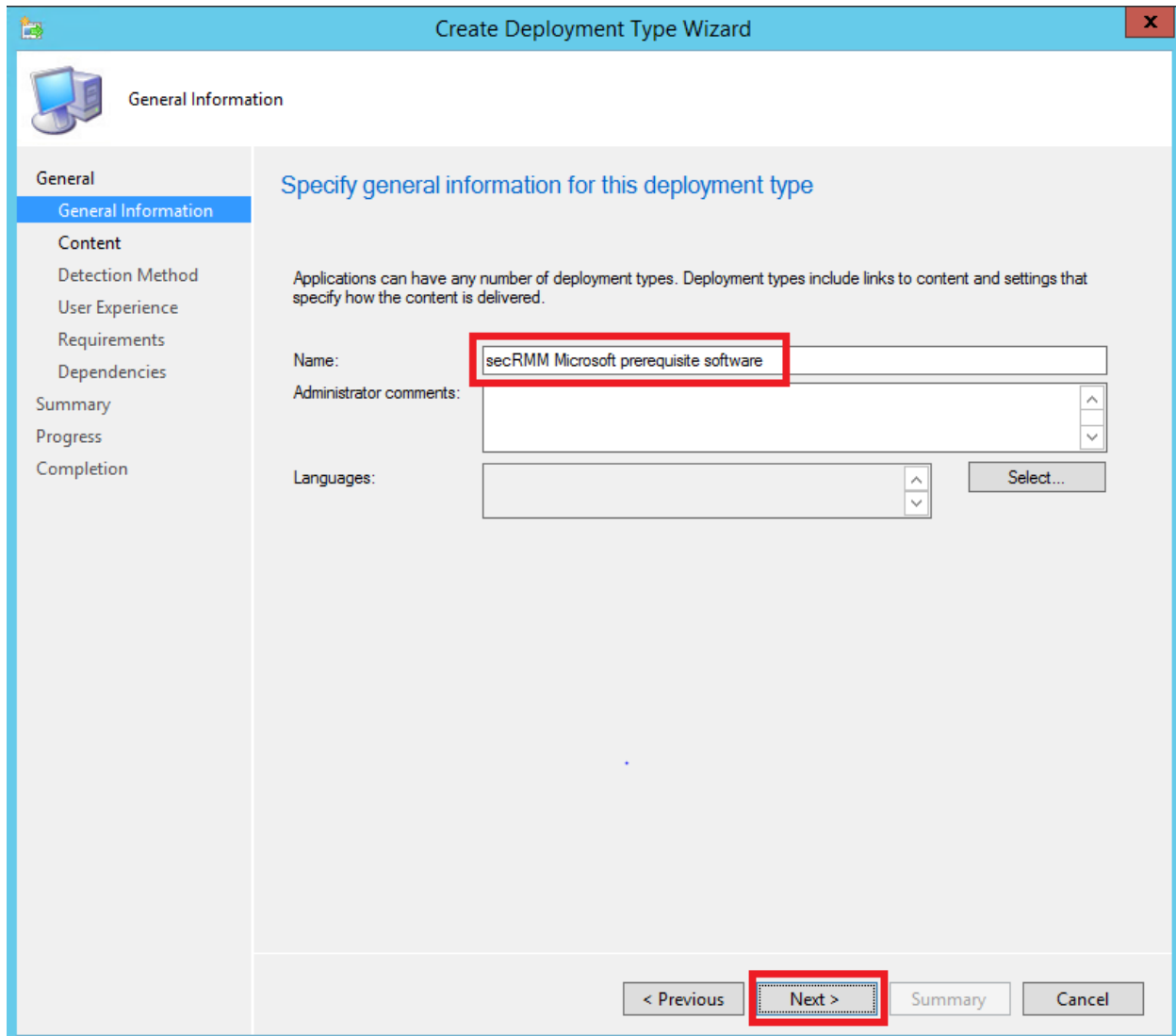
Location:  Browse...

Example: \\Server\Share\File

☒ Manually specify the deployment type information

< Previous Next > Summary Cancel

# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Create Deployment Type Wizard' window. The title bar is blue and contains the text 'Create Deployment Type Wizard' and a close button. The main window has a light blue header with a computer icon and the text 'General Information'. On the left, there is a sidebar with a tree view containing the following items: 'General' (selected), 'General Information', '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 text: 'Applications can have any number of deployment types. Deployment types include links to content and settings that specify how the content is delivered.' Below this text are three input fields: 'Name:' with the value 'secRMM Microsoft prerequisite software', 'Administrator comments:' (empty), and 'Languages:' (empty). To the right of the 'Languages:' field is a 'Select...' button. At the bottom of the window, there are four buttons: '< Previous', 'Next >' (highlighted with a red box), 'Summary', and 'Cancel'.

Create Deployment Type Wizard

General Information

General

General Information

Content

Detection Method

User Experience

Requirements

Dependencies

Summary

Progress

Completion

Specify general information for this deployment type

Applications can have any number of deployment types. Deployment types include links to content and settings that specify how the content is delivered.

Name: secRMM Microsoft prerequisite software

Administrator comments:


Languages:

Select...

< Previous Next > Summary Cancel

# secRMM Prerequisites Installation Guide

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:  Browse...

☐ Persist content in the client cache

☒ Allow clients to share content with other clients on the same subnet

This option allows clients that use Windows BranchCache to download content from on-premises distribution points. Content downloads from cloud-based distribution points can always be shared by clients that use Windows BranchCache.

---

Specify the command used to install this content.

Installation program:  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.

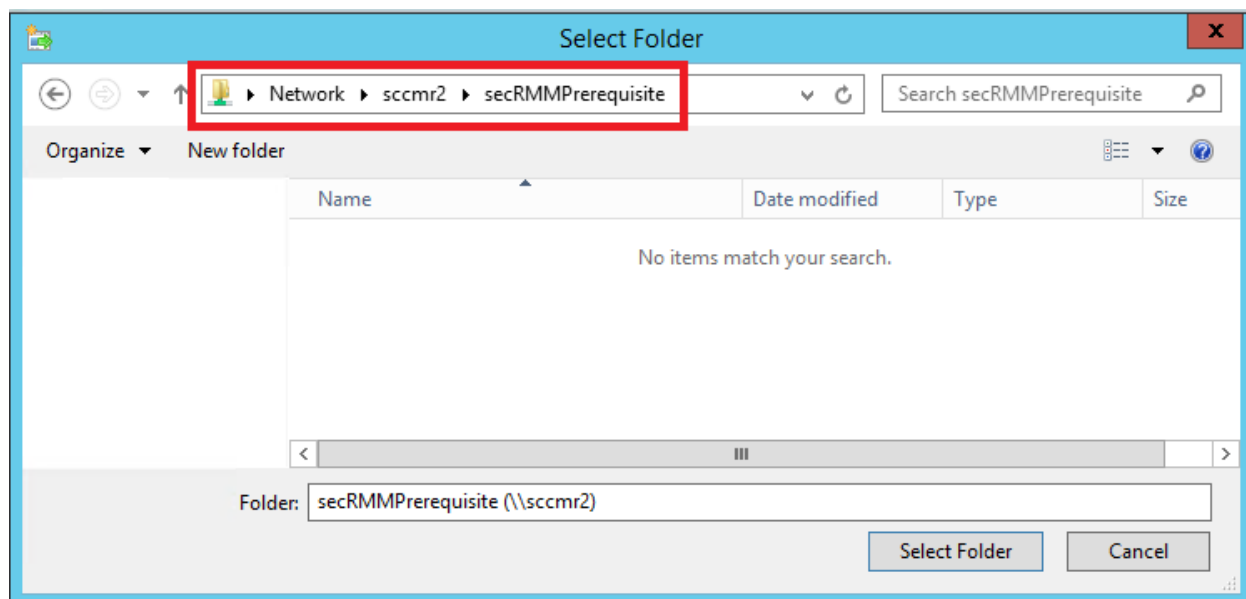
< Previous

Next >

Summary

Cancel

## secRMM Prerequisites Installation Guide



# secRMM Prerequisites Installation Guide

**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:

☐ Persist content in the client cache

☒ Allow clients to share content with other clients on the same subnet

This option allows clients that use Windows BranchCache to download content from on-premises distribution points. Content downloads from cloud-based distribution points can always be shared by clients that use Windows BranchCache.

Specify the command used to install this content.

Installation program:

Installation start in:

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

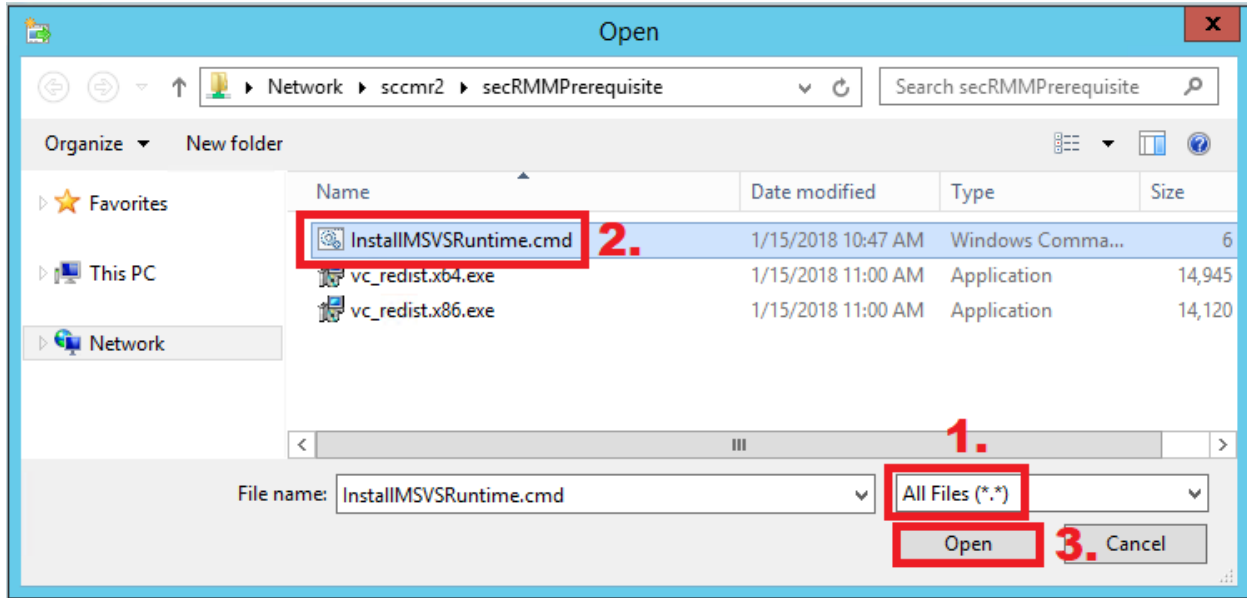
Uninstall program:

Uninstall start in:

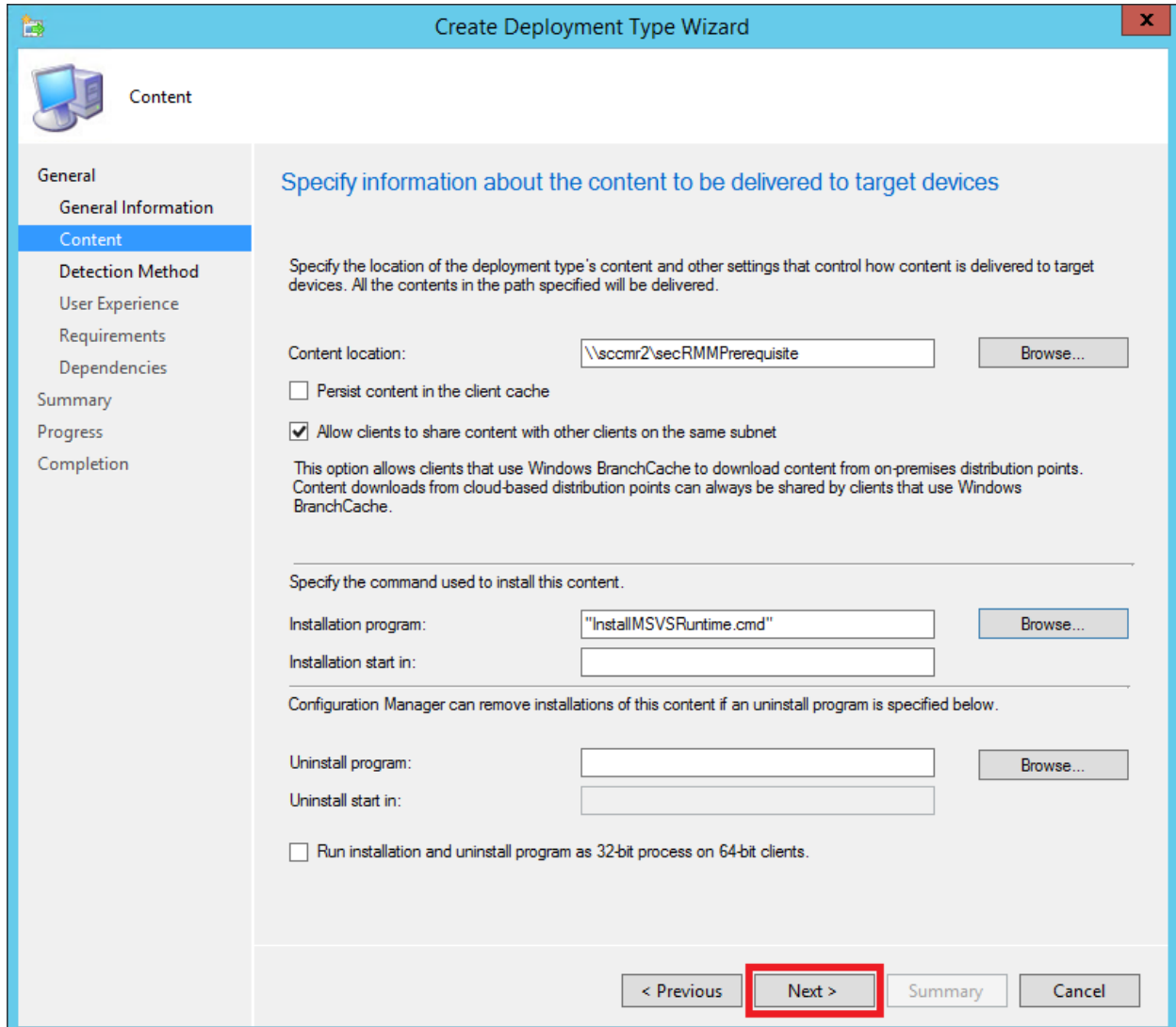
☐ Run installation and uninstall program as 32-bit process on 64-bit clients.

< Previous   Next >   Summary   Cancel

## secRMM Prerequisites Installation Guide



# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Create Deployment Type Wizard' window, specifically the 'Content' tab. The window has a blue title bar and a sidebar on the left with a tree view containing 'General', 'General Information', 'Content' (selected), 'Detection Method', 'User Experience', 'Requirements', 'Dependencies', 'Summary', 'Progress', and 'Completion'. The main area is titled 'Specify information about the content to be delivered to target devices'. It contains several sections: 'Content location' with a text box containing '\\sccmr2\secRMMPrerequisite' and a 'Browse...' button; a checkbox 'Persist content in the client cache' which is unchecked; a checked checkbox 'Allow clients to share content with other clients on the same subnet' with a descriptive paragraph below it; a section 'Specify the command used to install this content.' with 'Installation program' (text box with '\"InstallMSVSRuntime.cmd\"' and 'Browse...' button) and 'Installation start in:' (empty text box); a section 'Configuration Manager can remove installations of this content if an uninstall program is specified below.' with 'Uninstall program' (text box and 'Browse...' button) and 'Uninstall start in:' (empty text box); and a checkbox 'Run installation and uninstall program as 32-bit process on 64-bit clients.' which is unchecked. At the bottom right, there are four buttons: '< Previous', 'Next >' (highlighted with a red rectangle), 'Summary', and 'Cancel'.

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: \\sccmr2\secRMMPrerequisite Browse...

☐ Persist content in the client cache

☒ Allow clients to share content with other clients on the same subnet

This option allows clients that use Windows BranchCache to download content from on-premises distribution points. Content downloads from cloud-based distribution points can always be shared by clients that use Windows BranchCache.

Specify the command used to install this content.

Installation program: "InstallMSVSRuntime.cmd" 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

## secRMM Prerequisites Installation Guide

Create Deployment Type Wizard

Detection Method

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

Specify how this deployment type is detected

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	)
-----------	---	--------	---

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

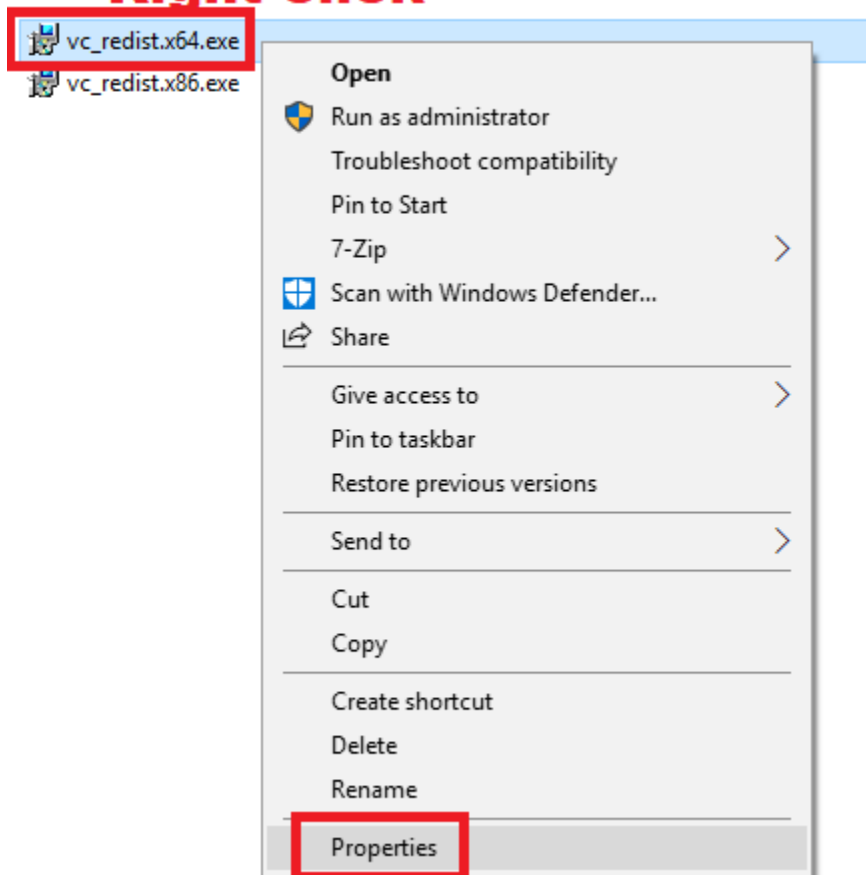
Script type:   
Script length:

< Previous   Next >   Summary   Cancel

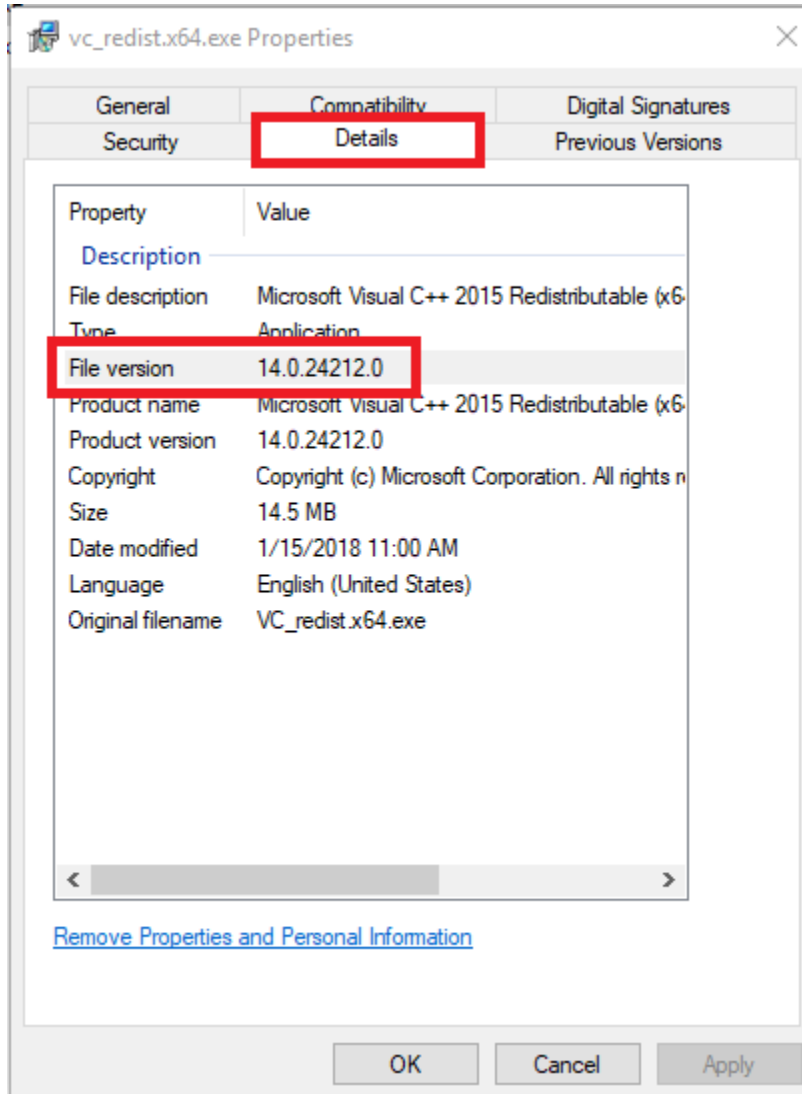
The “Detection Rule” dialog (screenshot directly below) tells SCCM how it should know that this SCCM Application has been run on the SCCM client computer. Notice we have clicked the radio button with the associated text of *“The file system setting must satisfy the following rule to indicate the presence of this application”*. We need to get the “Value” to specify. To do this, we will use the Microsoft files we downloaded from the Microsoft site. It does not matter whether you use `vc_redist.x64.exe` or `vc_redist.x86.exe` since they will contain the same value. Right mouse click on `vc_redist.x64.exe` or `vc_redist.x86.exe` and on the menu, select Properties. On the Properties dialog, click the Details tab. The value we want to use in the SCCM “Detection Rule” dialog is the “File version” value.



Name **Right click**



## secRMM Prerequisites Installation Guide



## secRMM Prerequisites Installation Guide

**Detection Rule** [X]

Create a rule that indicates the presence of this application.

Setting Type: File System

---

Specify the file or folder to detect this application.

Type: File **1.**

Path: %Windir%\System32

File or folder name: vcruntime140.dll

☐ This file or folder is associated with a 32-bit application on 64-bit systems. **uncheck 2.**

☐ 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 **3.**

Property: Version


Operator: Greater than or equal to

Value: 14.0.24212.0

**4.** OK Cancel

# secRMM Prerequisites Installation Guide

Create Deployment Type Wizard

 Detection Method

General

General Information

Content

Detection Method

User Experience

Requirements

Dependencies

Summary

Progress

Completion

Specify how this deployment type is detected

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	)
▶			vcruntime140.dll.Version GreaterEquals 14.0.2000...	

Add Clause...

Edit Clause...

Delete Clause

Group

Ungroup

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

Script type:

Script length:

Edit...

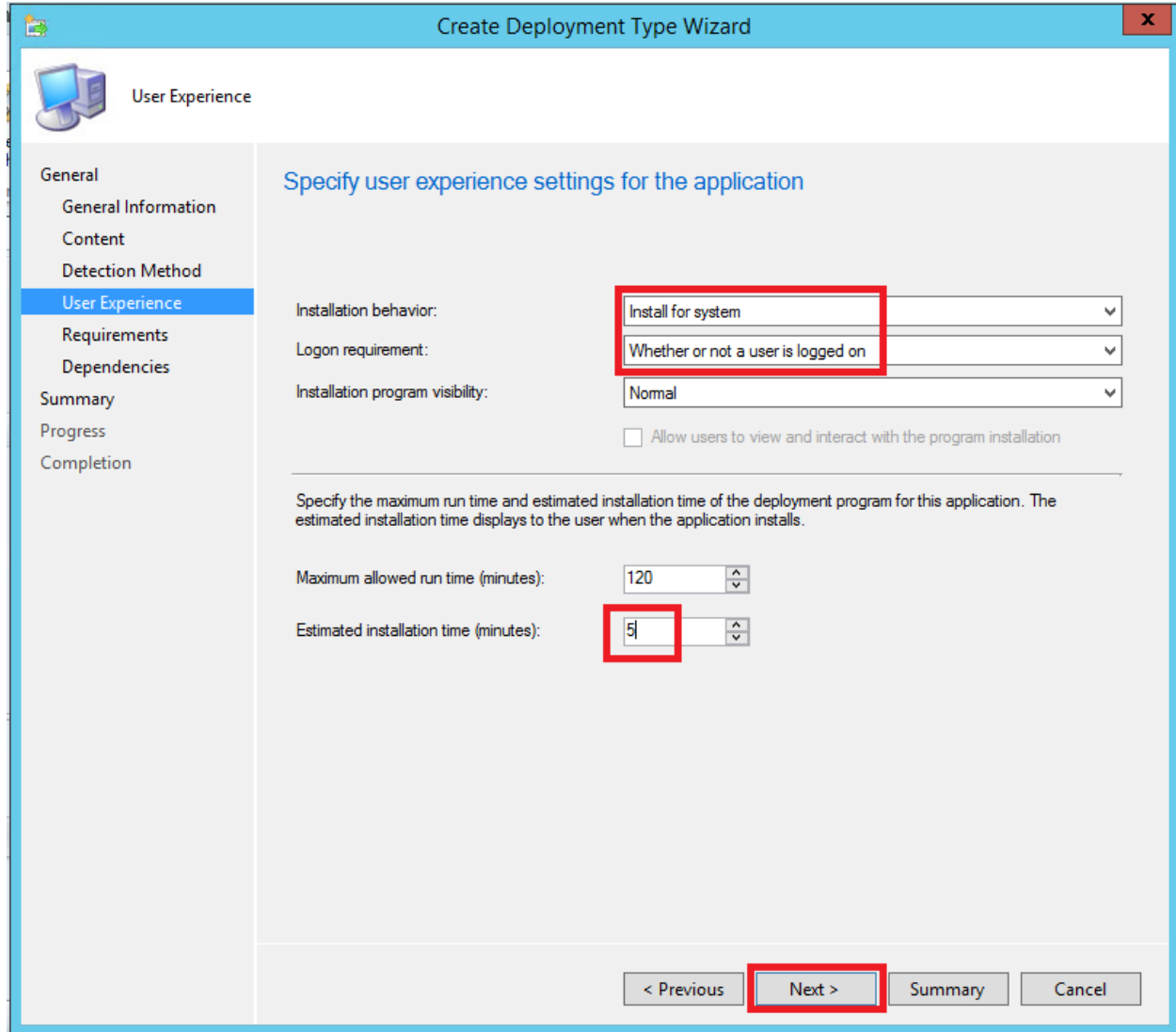
< Previous

Next >

Summary

Cancel

## secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Create Deployment Type Wizard' window, specifically the 'User Experience' tab. The window has a blue title bar and a sidebar on the left with the following options: General, General Information, Content, Detection Method, User Experience (selected), Requirements, Dependencies, Summary, Progress, and Completion. The main area is titled 'Specify user experience settings for the application'. It contains three dropdown menus: 'Installation behavior:' set to 'Install for system', 'Logon requirement:' set to 'Whether or not a user is logged on', and 'Installation program visibility:' set to 'Normal'. Below these is a checkbox labeled 'Allow users to view and interact with the program installation' which is unchecked. A horizontal line separates this section from the next. The next section is titled '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.' It contains two spinners: 'Maximum allowed run time (minutes):' set to 120, and 'Estimated installation time (minutes):' set to 5. At the bottom right, there are four buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. The 'Next >' button is highlighted with a red box.

Create Deployment Type Wizard

User Experience

General

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

Specify user experience settings for the application

Installation behavior: Install for system

Logon requirement: Whether or not a user is logged on

Installation program visibility: Normal

☐ Allow users to view and interact with the program installation

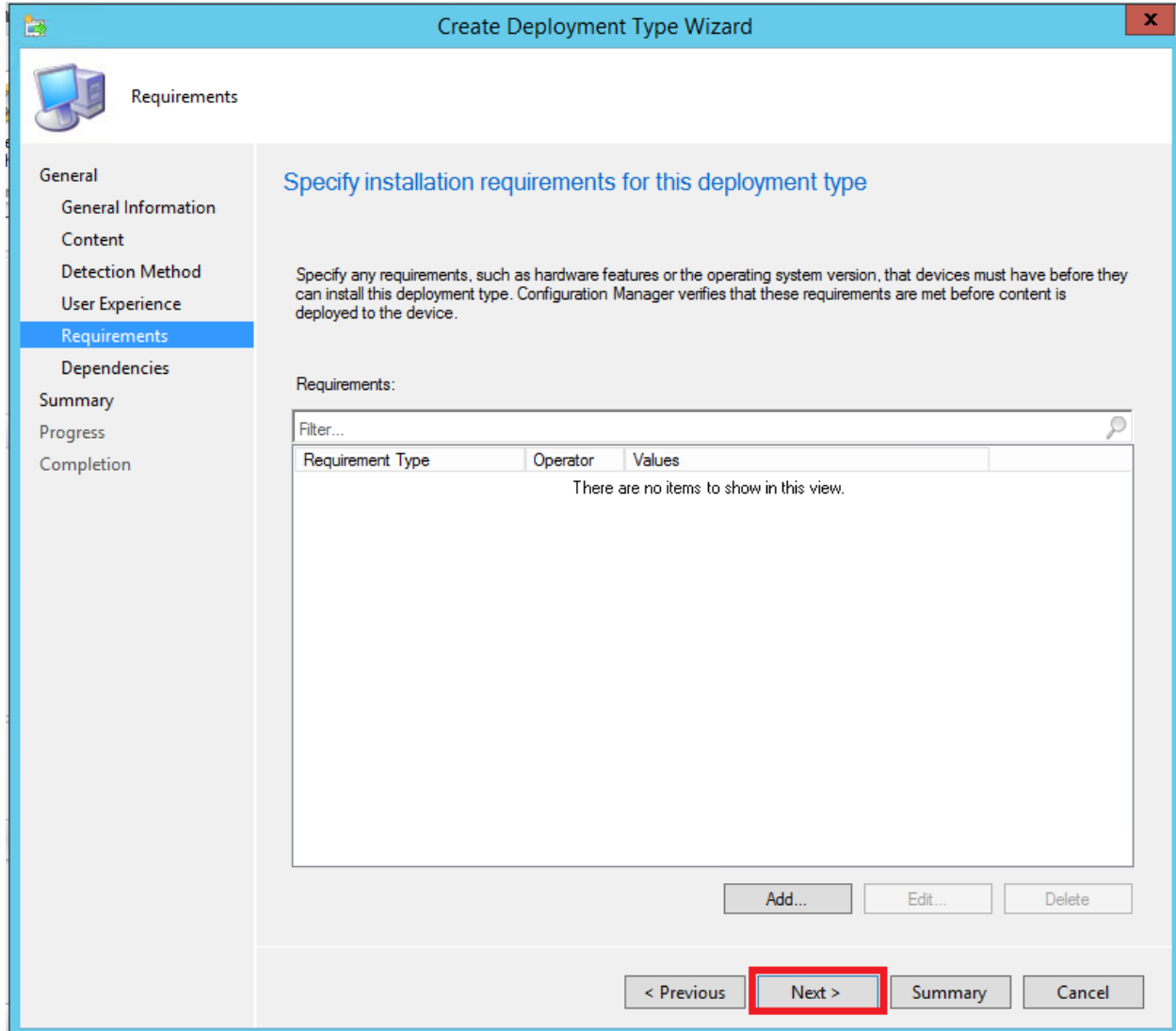
Specify the maximum run time and estimated installation time of the deployment program for this application. The estimated installation time displays to the user when the application installs.

Maximum allowed run time (minutes): 120

Estimated installation time (minutes): 5

< Previous Next > Summary Cancel

# secRMM Prerequisites Installation Guide



The screenshot shows the 'Create Deployment Type Wizard' window, specifically the 'Requirements' step. The left sidebar contains a list of steps: General, General Information, Content, Detection Method, User Experience, Requirements (highlighted), Dependencies, Summary, Progress, and Completion. The main area is titled 'Specify installation requirements for this deployment type'. It includes a text box for requirements and a table for listing them. The table has columns for Requirement Type, Operator, and Values. Below the table are buttons for Add..., Edit..., and Delete. At the bottom, there are navigation buttons: < Previous, Next > (highlighted with a red box), Summary, and Cancel.

Requirements

Specify installation requirements for this deployment type

Specify any requirements, such as hardware features or the operating system version, that devices must have before they can install this deployment type. Configuration Manager verifies that these requirements are met before content is deployed to the device.

Requirements:

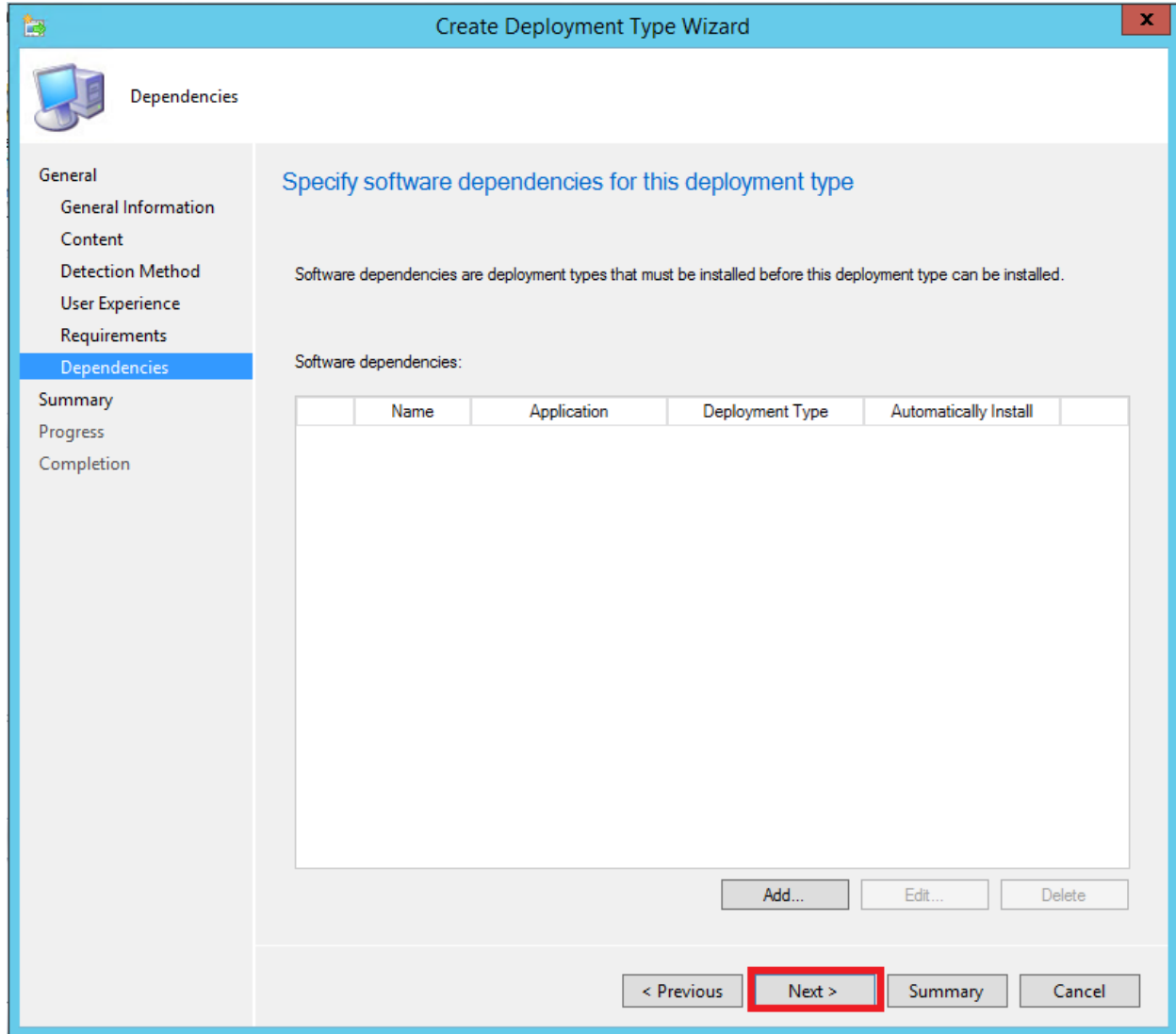
Filter...

Requirement Type	Operator	Values
There are no items to show in this view.		

Add... Edit... Delete

< Previous **Next >** Summary Cancel

# secRMM Prerequisites Installation Guide



The screenshot shows the 'Create Deployment Type Wizard' window, specifically the 'Dependencies' step. The left sidebar contains a list of steps: General, General Information, Content, Detection Method, User Experience, Requirements, Dependencies (highlighted), Summary, Progress, and Completion. The main area is titled 'Specify software dependencies for this deployment type'. It includes a descriptive text: 'Software dependencies are deployment types that must be installed before this deployment type can be installed.' Below this, a table is labeled 'Software dependencies:'. The table has five columns: Name, Application, Deployment Type, Automatically Install, and an empty column. 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 >' (highlighted with a red box), 'Summary', and 'Cancel'.

Create Deployment Type Wizard

Dependencies

General

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

Specify software dependencies for this deployment type

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

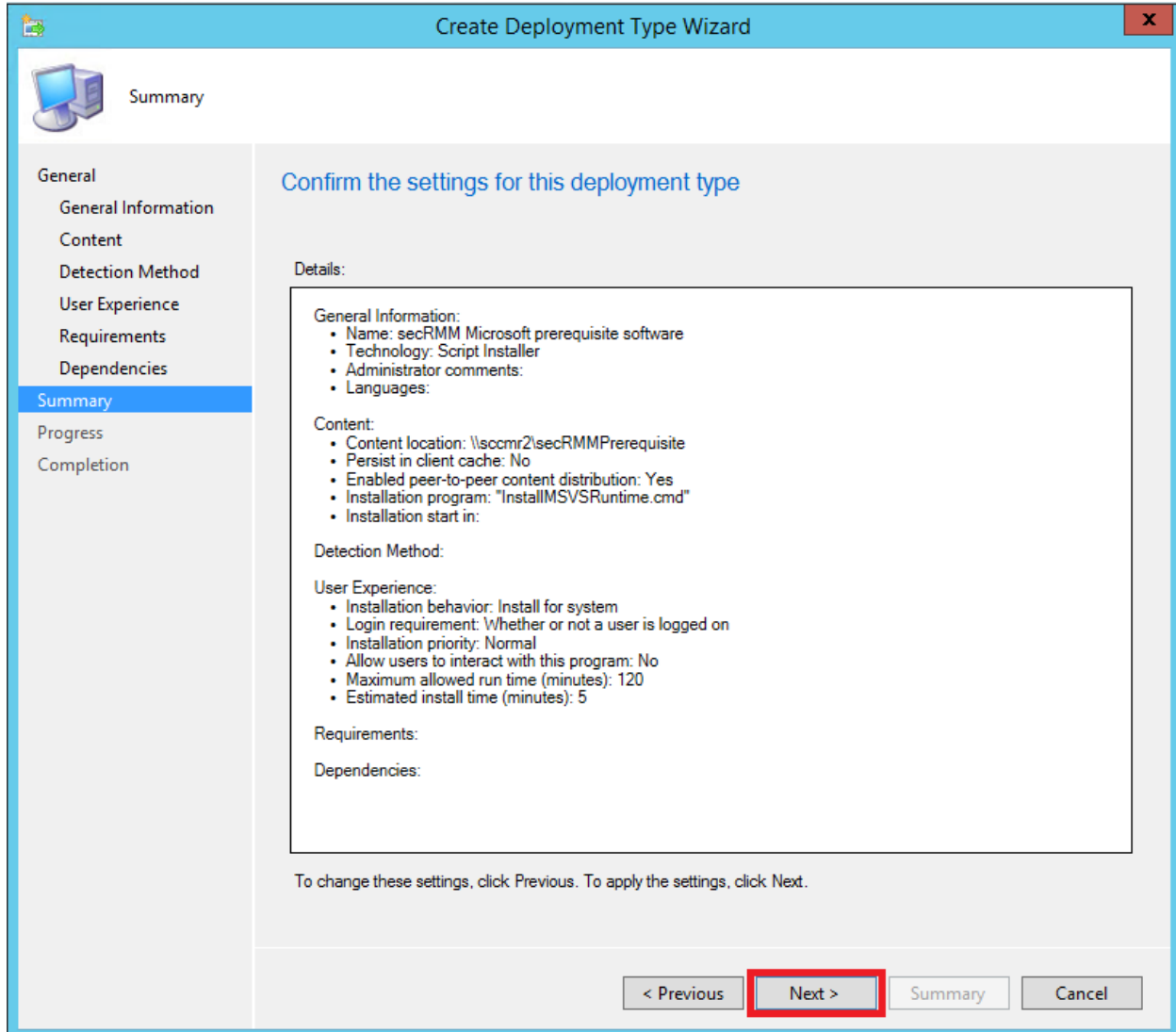
Software dependencies:

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

Add... Edit... Delete

< Previous **Next >** Summary Cancel

# secRMM Prerequisites Installation Guide



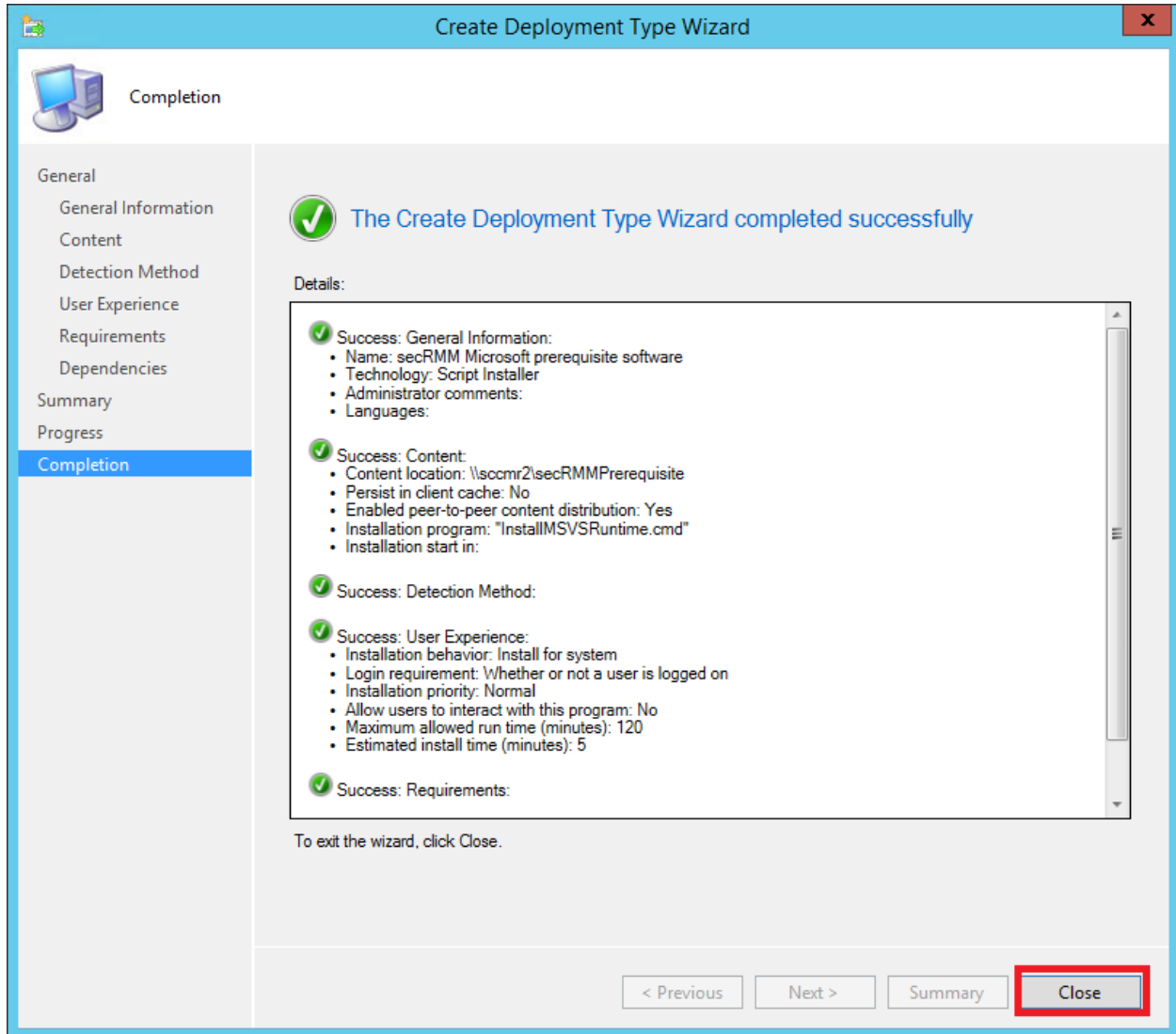
The image shows a screenshot of the 'Create Deployment Type Wizard' window. The title bar is blue with the text 'Create Deployment Type Wizard' and a close button. The window is divided into two main sections. On the left is a sidebar with a tree view containing the following items: 'General' (with sub-items 'General Information', 'Content', 'Detection Method', 'User Experience', 'Requirements', and 'Dependencies'), 'Summary' (highlighted with a blue background), 'Progress', and 'Completion'. The main area on the right is titled 'Confirm the settings for this deployment type'. It contains a 'Details:' section with a large text box listing the following information:

- General Information:**
  - Name: secRMM Microsoft prerequisite software
  - Technology: Script Installer
  - Administrator comments:
  - Languages:
- Content:**
  - Content location: \\sccmr2\secRMMP prerequisite
  - Persist in client cache: No
  - Enabled peer-to-peer content distribution: Yes
  - Installation program: "InstallMSVSRuntime.cmd"
  - Installation start in:
- Detection Method:**
- User Experience:**
  - Installation behavior: Install for system
  - Login requirement: Whether or not a user is logged on
  - Installation priority: Normal
  - Allow users to interact with this program: No
  - Maximum allowed run time (minutes): 120
  - Estimated install time (minutes): 5
- Requirements:**
- Dependencies:**

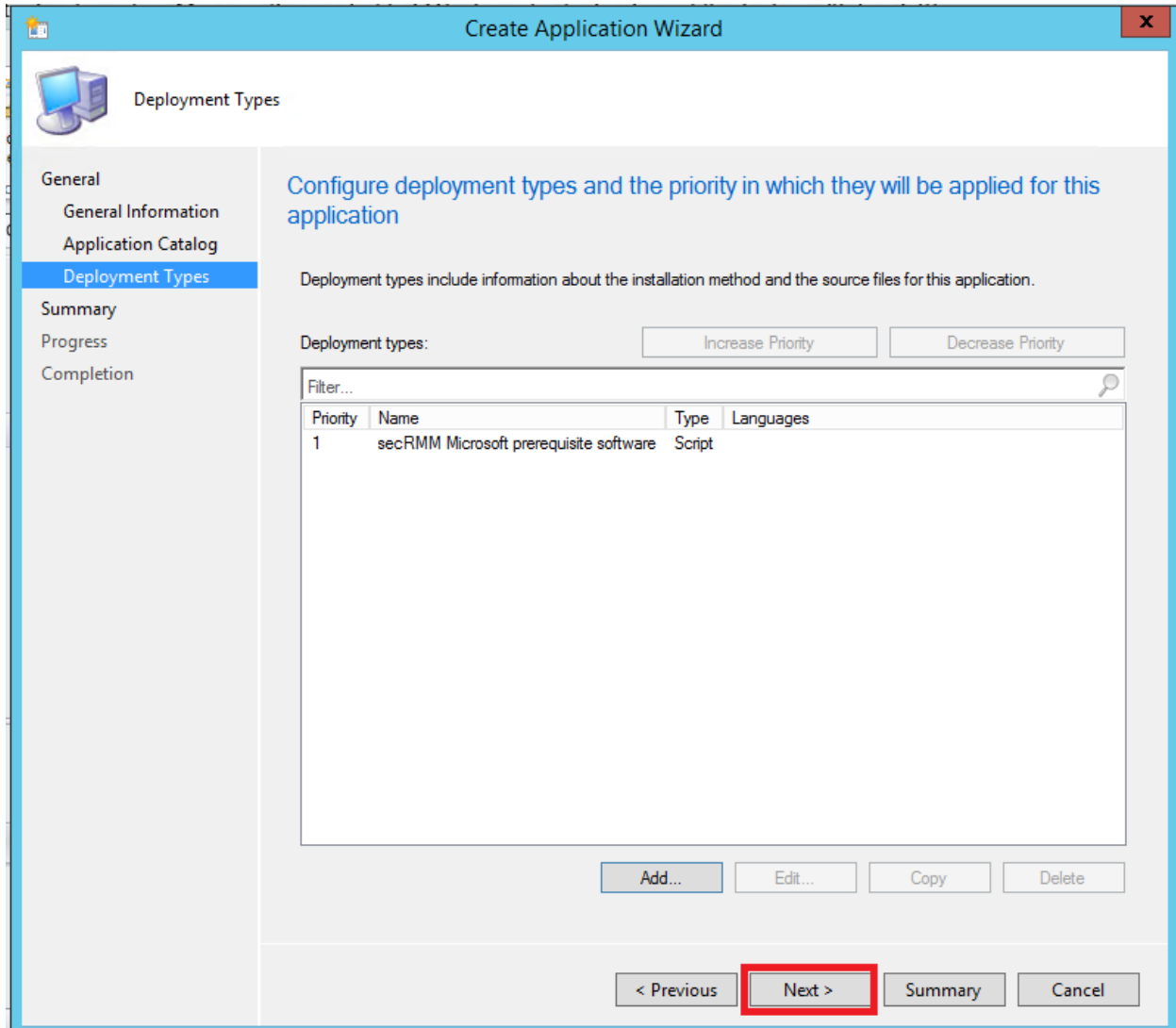
Below the details box, there is a line of text: 'To change these settings, click Previous. To apply the settings, click Next.' At the bottom right of the window, there are four buttons: '< Previous', 'Next >' (which is highlighted with a red rectangle), 'Summary', and 'Cancel'.



# secRMM Prerequisites Installation Guide



# secRMM Prerequisites Installation Guide

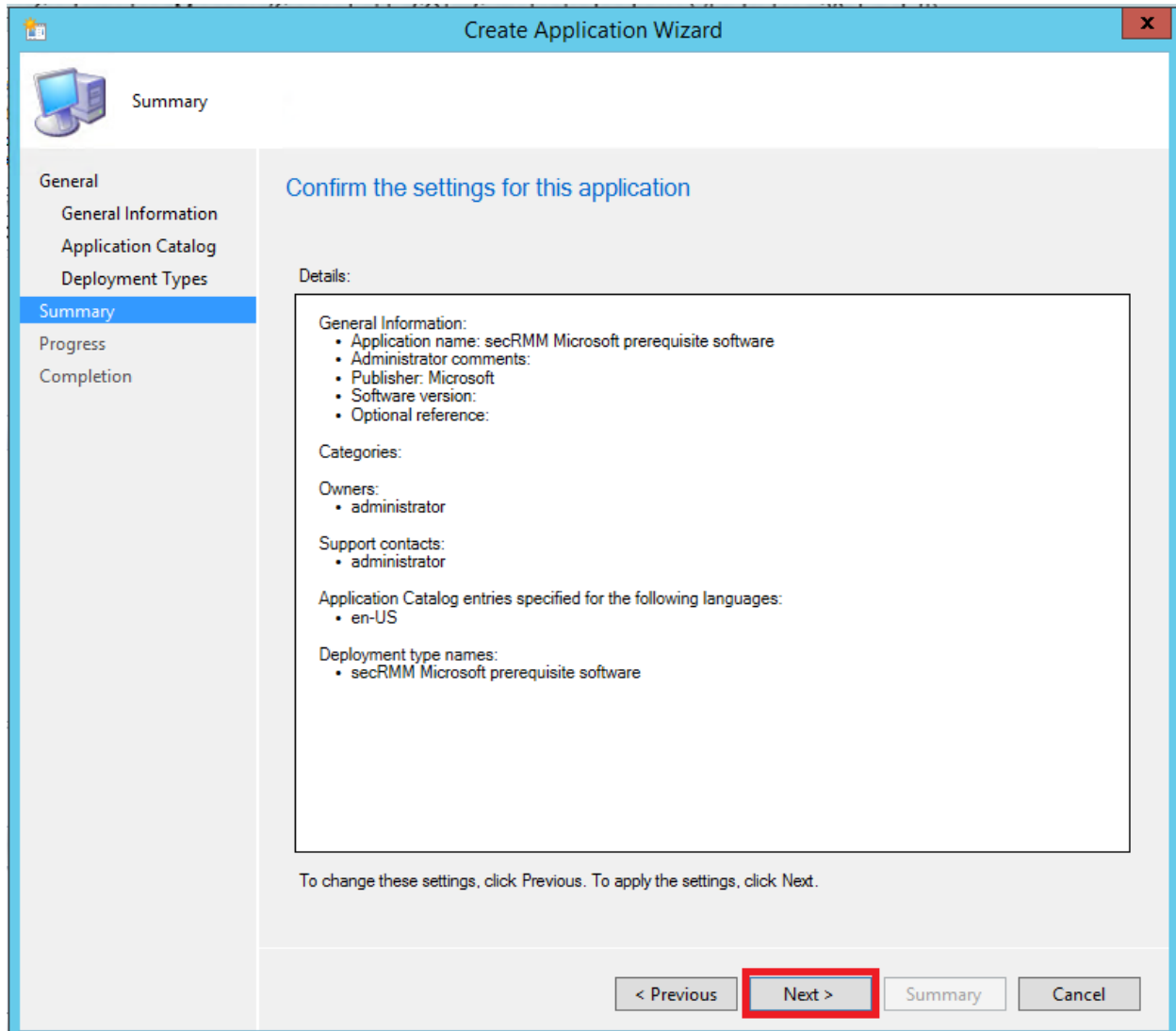


The screenshot shows the 'Create Application Wizard' window, specifically the 'Deployment Types' step. The left sidebar contains a tree view with 'General' (expanded), 'General Information', 'Application Catalog', 'Deployment Types' (selected), 'Summary', 'Progress', and 'Completion'. The main area has a title bar 'Create Application Wizard' and a close button. Below the title bar is a section titled 'Deployment Types' with a computer icon. The main content area is titled 'Configure deployment types and the priority in which they will be applied for this application'. It includes a description: 'Deployment types include information about the installation method and the source files for this application.' Below this is a 'Deployment types:' label, followed by 'Increase Priority' and 'Decrease Priority' buttons. A search bar labeled 'Filter...' is present. A table lists the deployment types:

Priority	Name	Type	Languages
1	secRMM Microsoft prerequisite software	Script	

Below the table are 'Add...', 'Edit...', 'Copy', and 'Delete' buttons. At the bottom of the wizard are '< Previous', 'Next >' (highlighted with a red box), 'Summary', and 'Cancel' buttons.

# secRMM Prerequisites Installation Guide



The image shows a 'Create Application Wizard' window with a 'Summary' tab selected. The window title is 'Create Application Wizard'. The left sidebar contains a tree view with the following items: General, General Information, Application Catalog, Deployment Types, Summary (selected), Progress, and Completion. The main area is titled 'Confirm the settings for this application'. Below this title, there is a 'Details:' section containing a list of application settings. At the bottom of the window, there are four buttons: '< Previous', 'Next >' (highlighted with a red box), 'Summary', and 'Cancel'. Below the details section, there is a note: 'To change these settings, click Previous. To apply the settings, click Next.'

Summary

General

- General Information
- Application Catalog
- Deployment Types
- Summary
- Progress
- Completion

Confirm the settings for this application

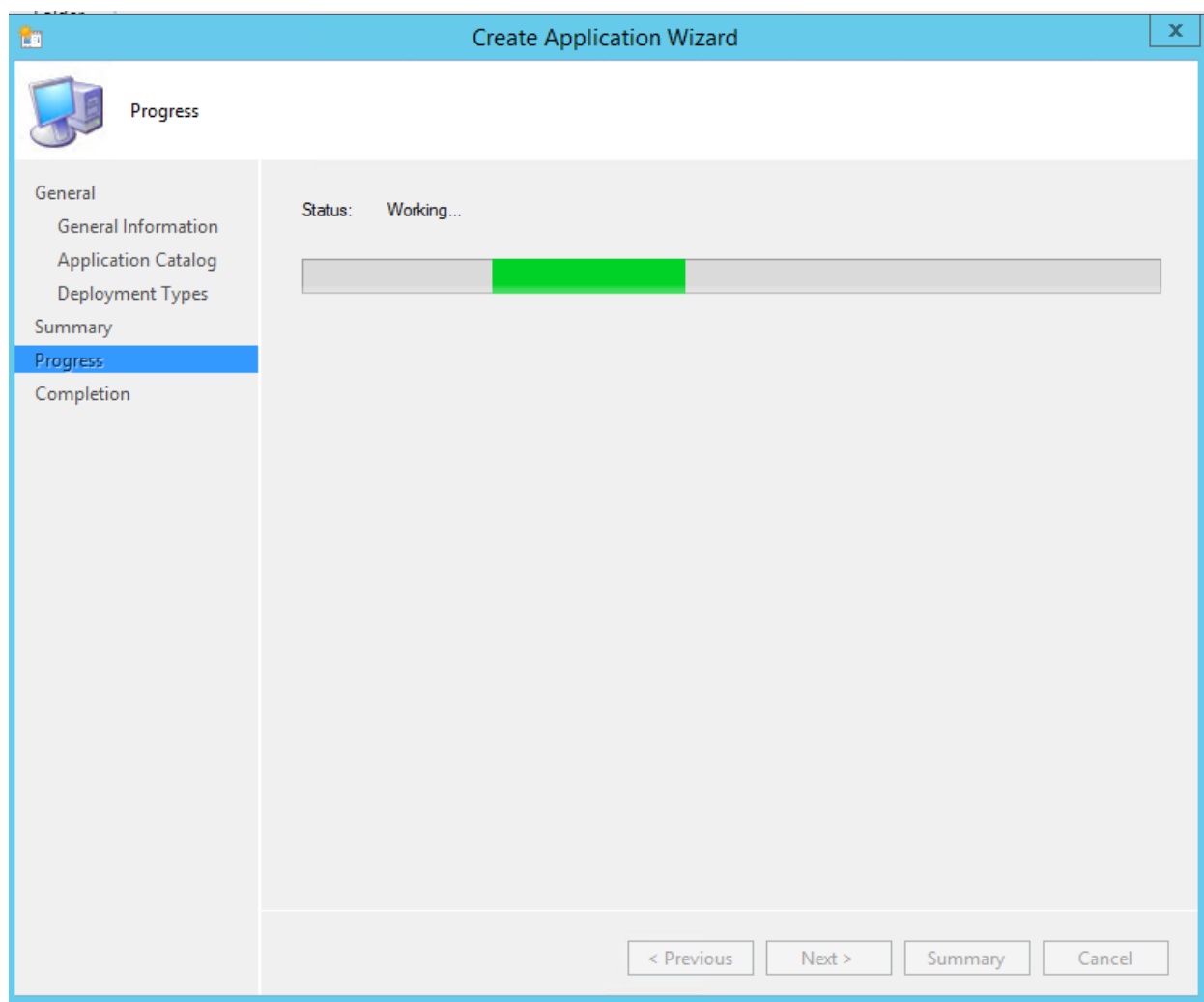
Details:

- General Information:
  - Application name: secRMM Microsoft prerequisite software
  - Administrator comments:
  - Publisher: Microsoft
  - Software version:
  - Optional reference:
- Categories:
- Owners:
  - administrator
- Support contacts:
  - administrator
- Application Catalog entries specified for the following languages:
  - en-US
- Deployment type names:
  - secRMM Microsoft prerequisite software

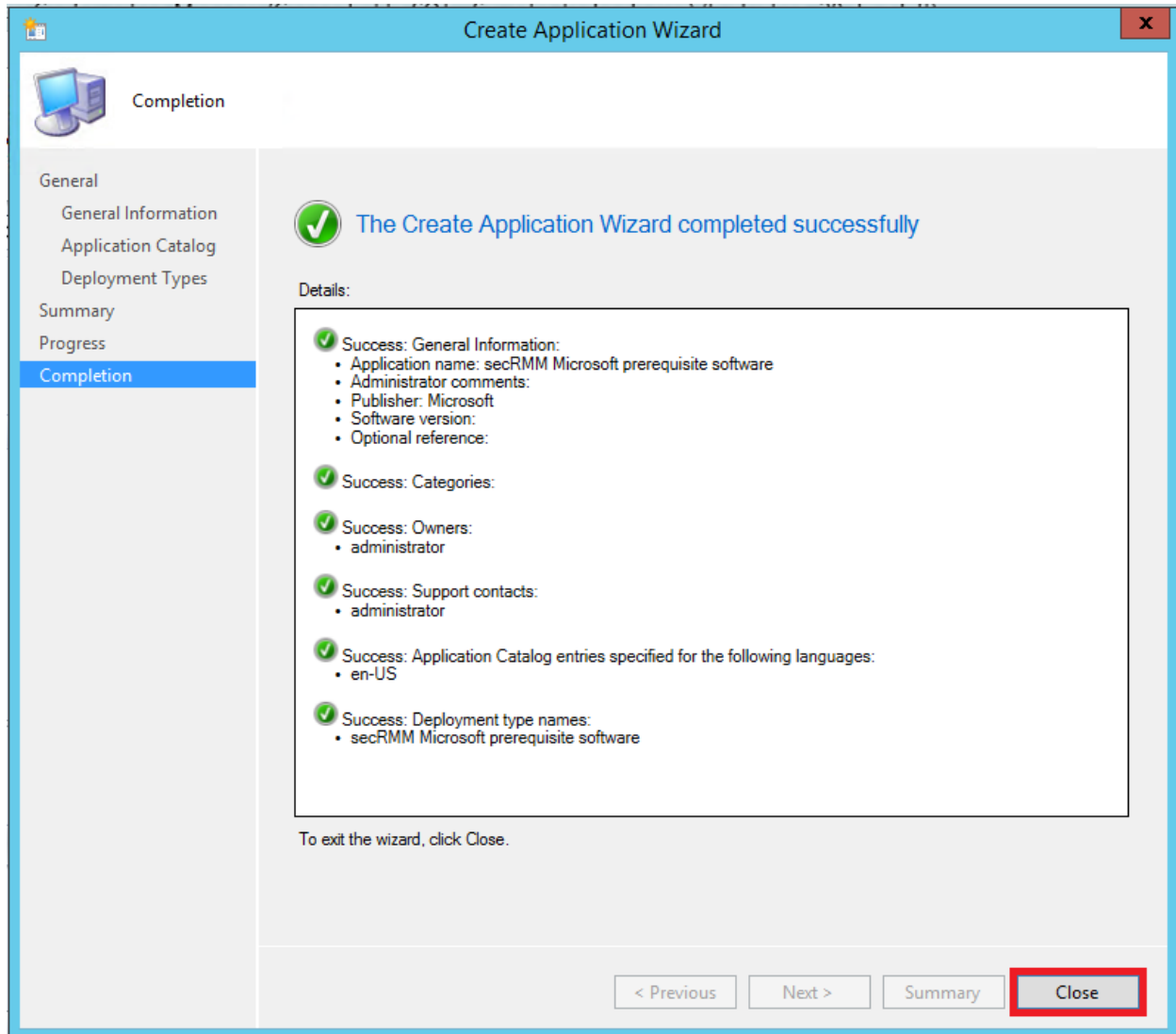
To change these settings, click Previous. To apply the settings, click Next.

< Previous Next > Summary Cancel

## secRMM Prerequisites Installation Guide



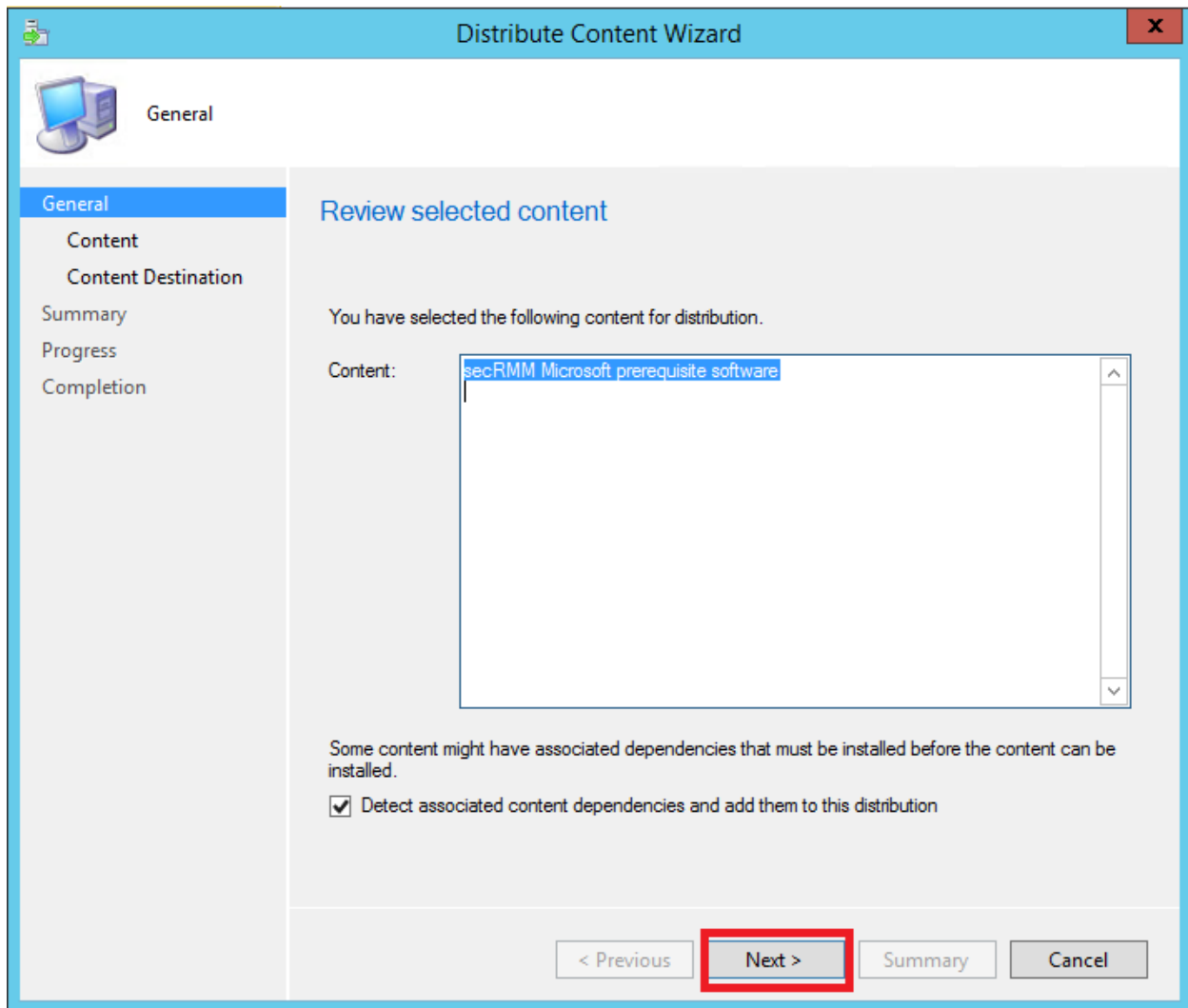
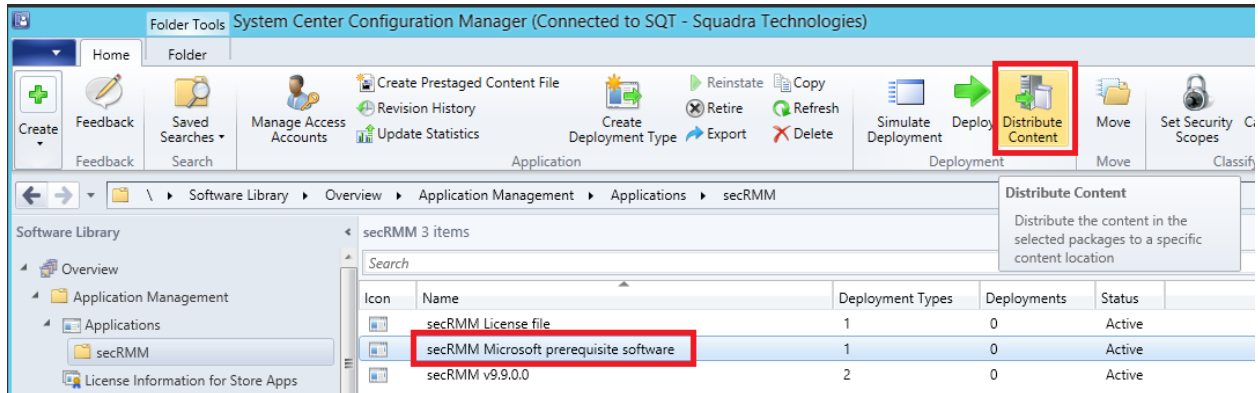
## secRMM Prerequisites Installation Guide



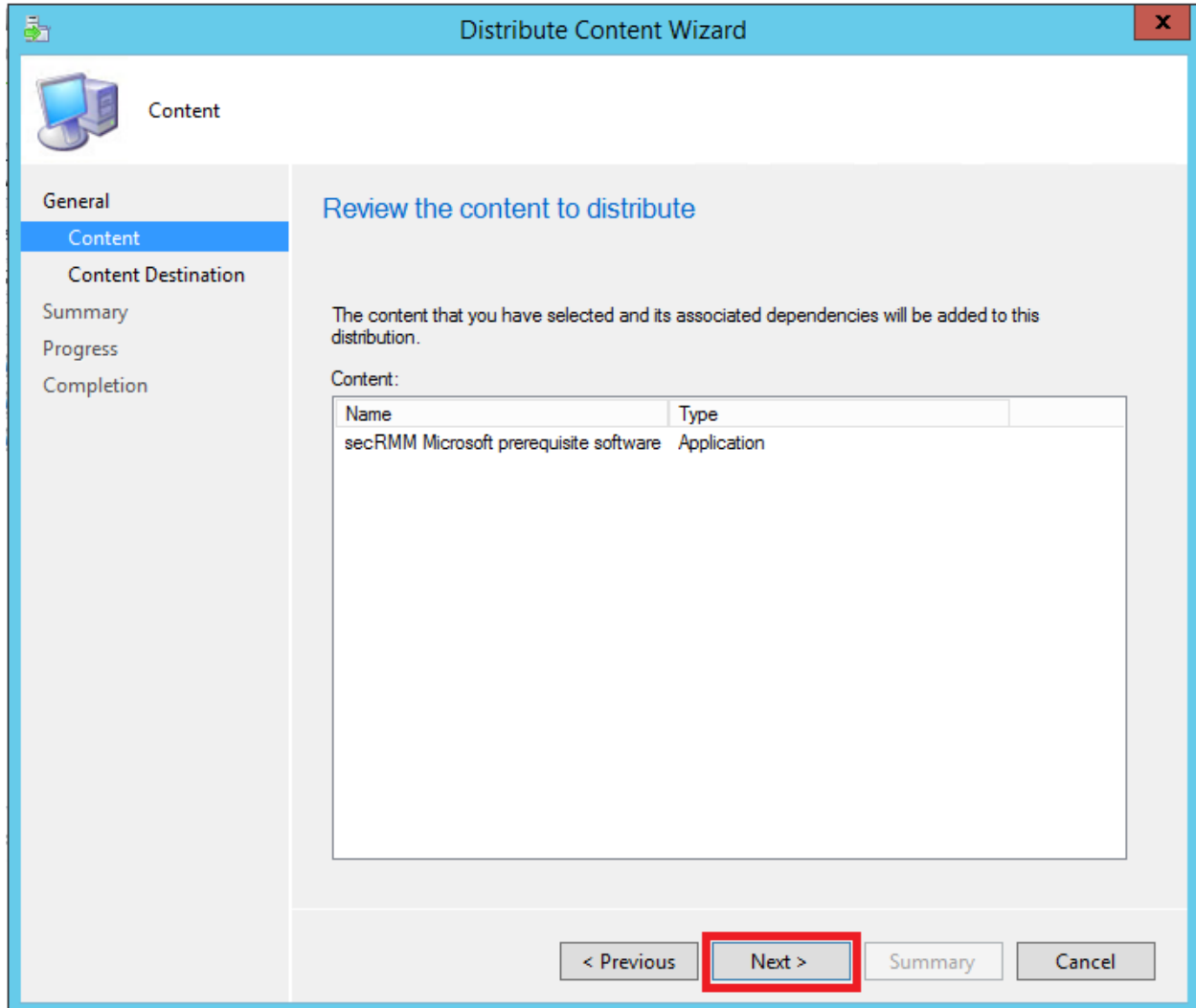
### Distribute the secRMM Microsoft prerequisite software content to SCCM Distribution Points

Distribute the content to your SCCM Distribution Points. The data in the screenshots below will be much different than your environment but the screenshots will give you a general idea of how to distribute the secRMM Microsoft prerequisite software.

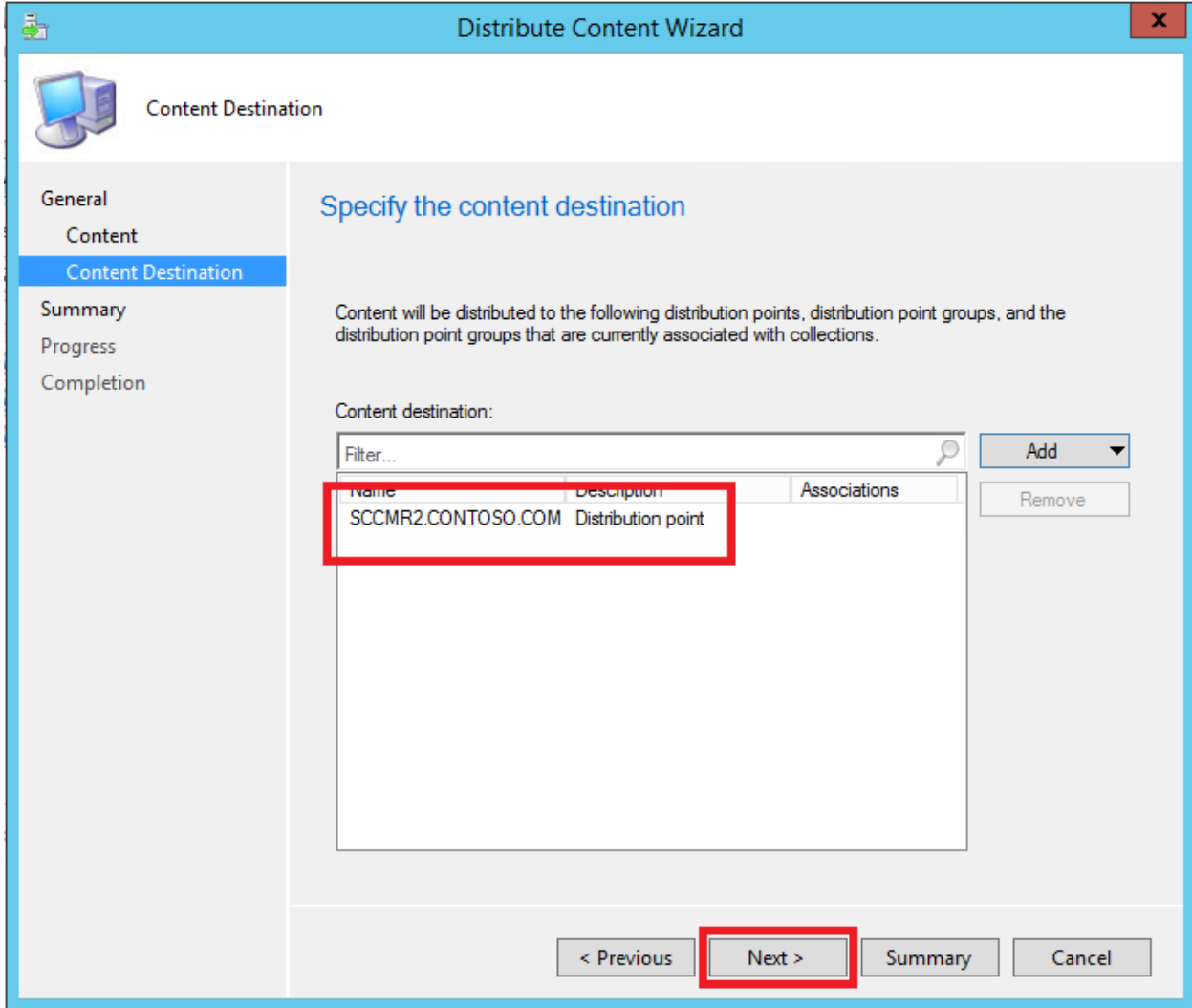
# secRMM Prerequisites Installation Guide



## secRMM Prerequisites Installation Guide



## secRMM Prerequisites Installation Guide



The screenshot shows the 'Distribute Content Wizard' window, specifically the 'Content Destination' step. The left sidebar contains a tree view with 'General', 'Content', 'Content Destination' (selected), 'Summary', 'Progress', and 'Completion'. The main area is titled 'Specify the content destination' and contains the text: 'Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.' Below this text is a table with the heading 'Content destination:'. The table has three columns: 'Name', 'Description', and 'Associations'. A single row is visible with the name 'SCCMR2.CONTOSO.COM' and the description 'Distribution point'. This row is highlighted with a red rectangle. To the right of the table are two buttons: 'Add' and 'Remove'. At the bottom of the wizard are four buttons: '< Previous', 'Next >' (highlighted with a red rectangle), 'Summary', and 'Cancel'.

Distribute Content Wizard

Content Destination

General  
Content  
Content Destination  
Summary  
Progress  
Completion

Specify the content destination

Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.

Content destination:

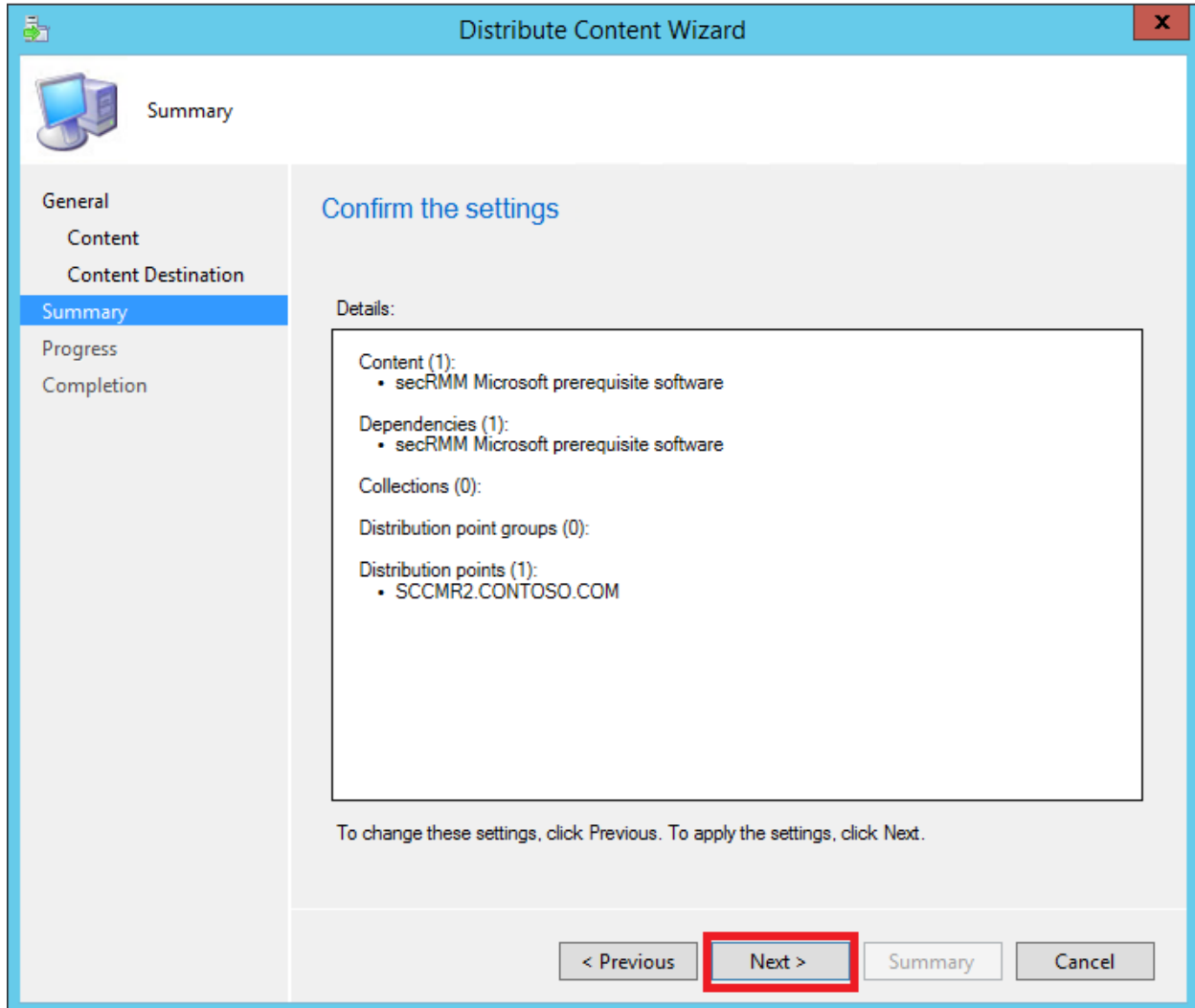
Name	Description	Associations
SCCMR2.CONTOSO.COM	Distribution point	

Filter... Add Remove

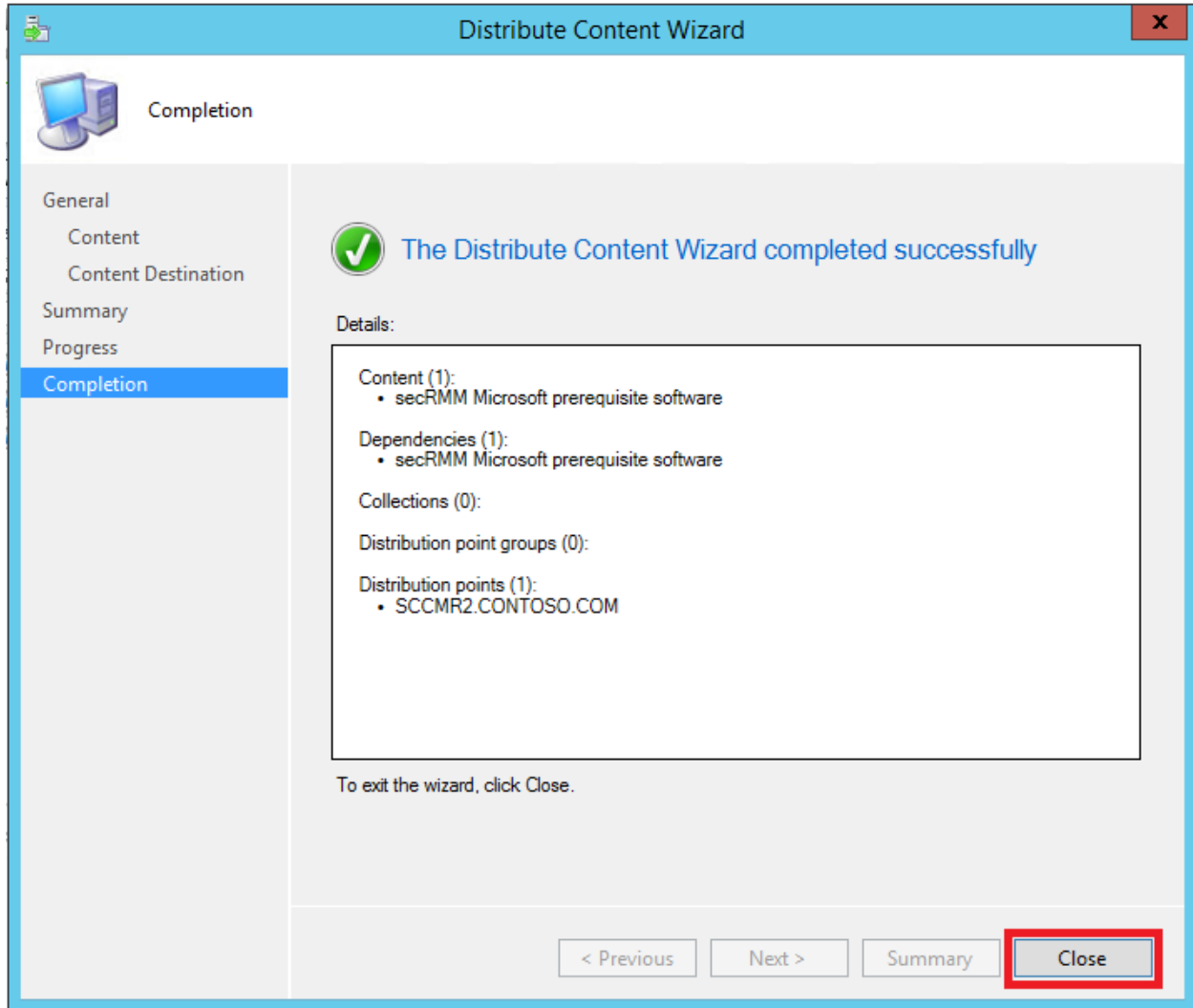
< Previous Next > Summary Cancel



## secRMM Prerequisites Installation Guide



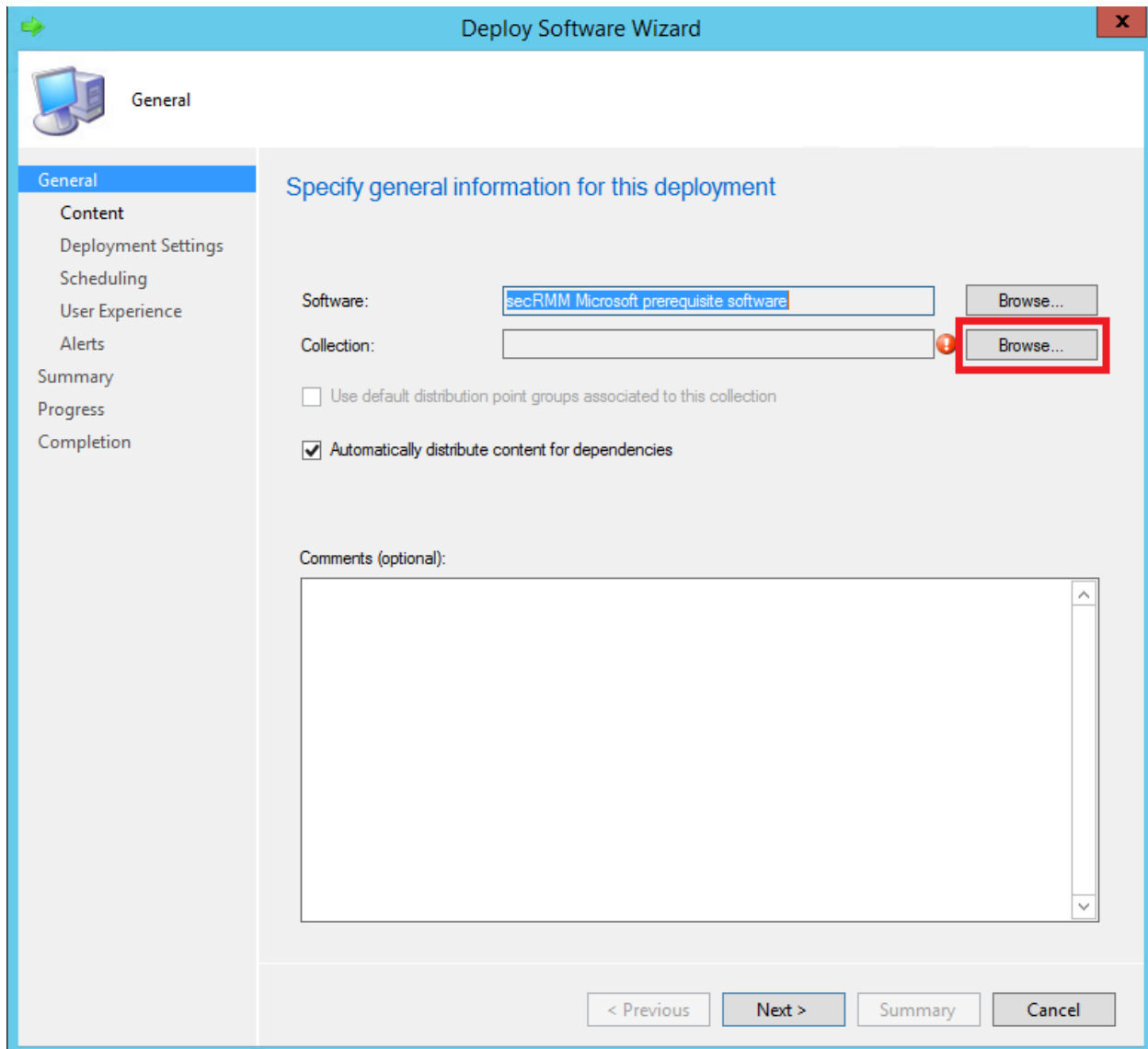
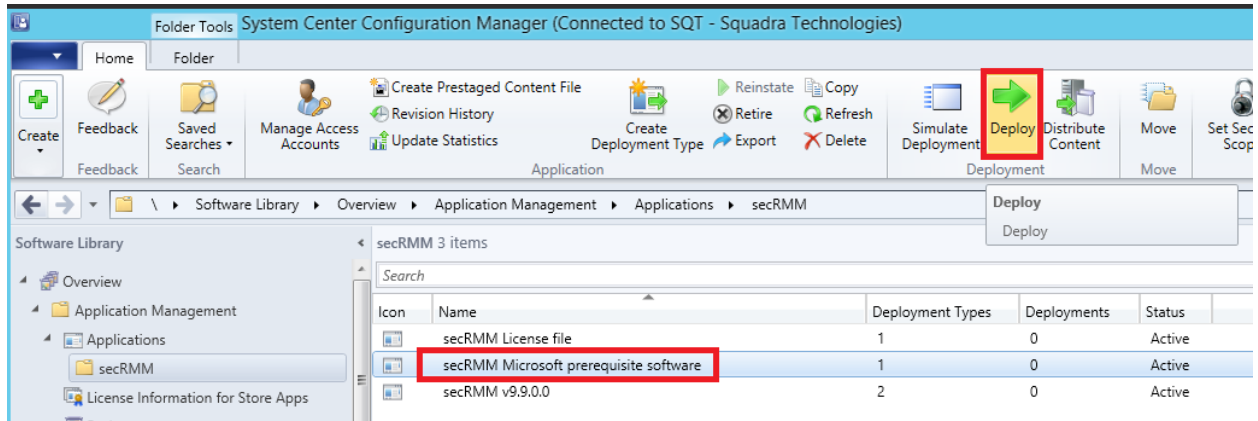
## secRMM Prerequisites Installation Guide



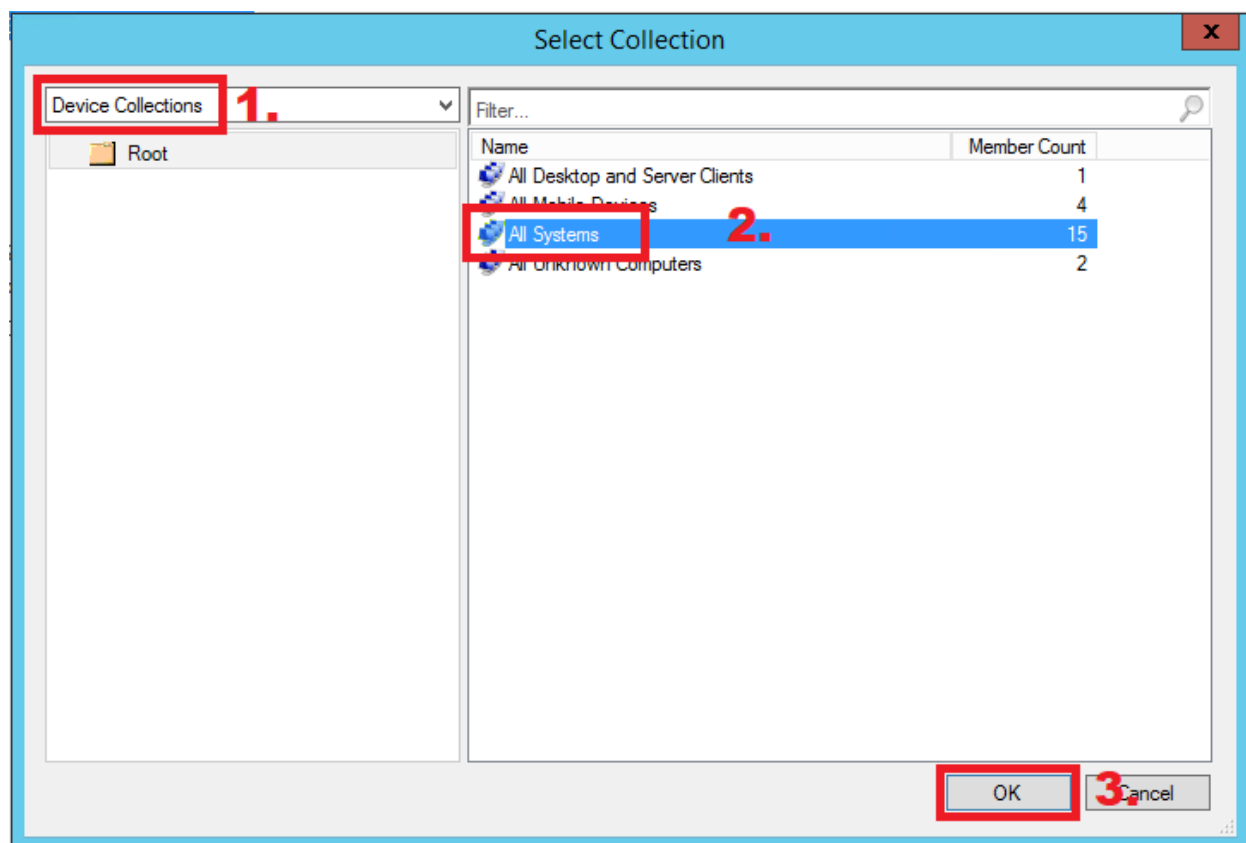
### Deploy the secRMM Microsoft prerequisite software to SCCM endpoints

We can now deploy the secRMM Microsoft prerequisite software using SCCM to all SCCM endpoint computers.

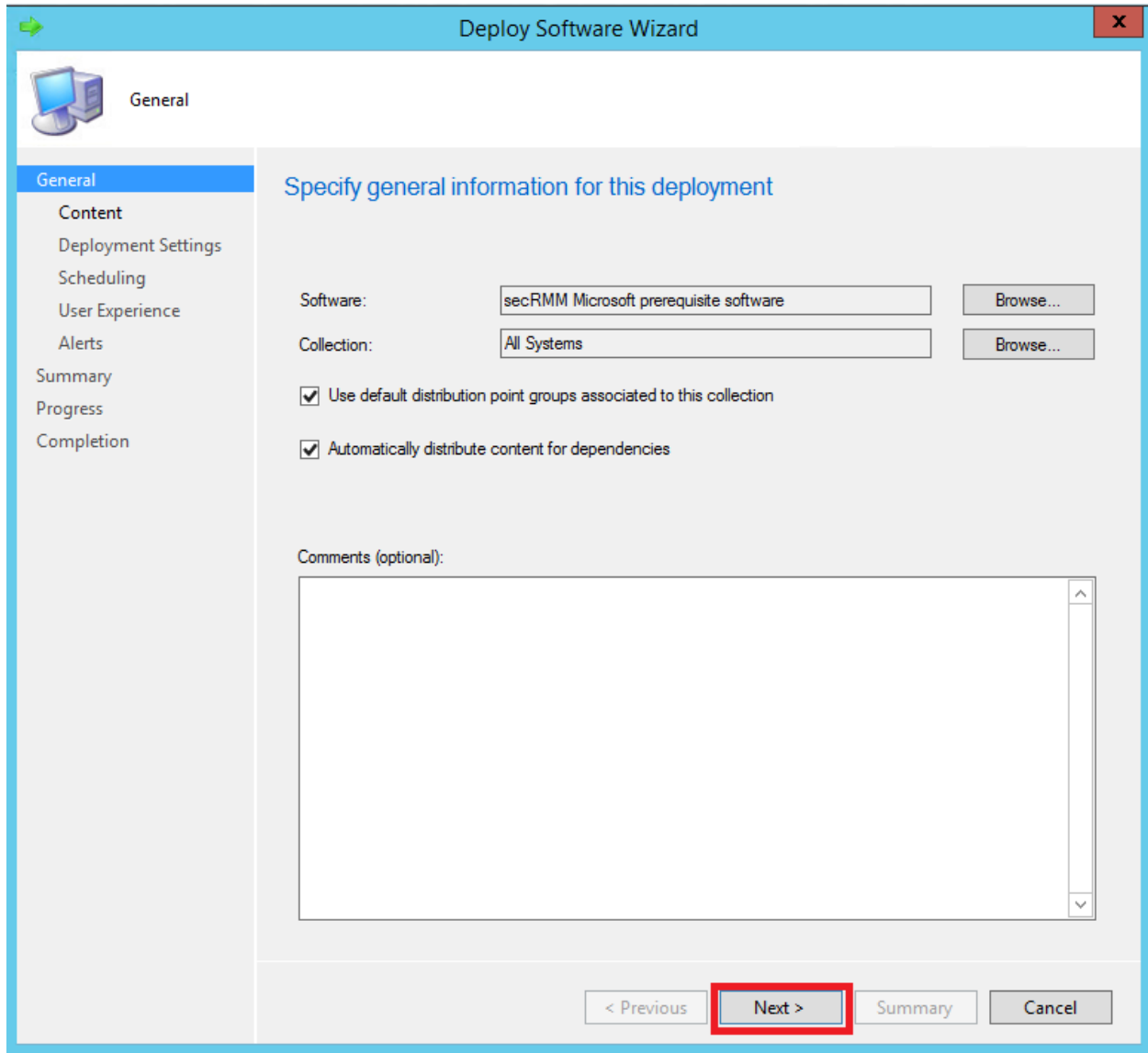
# secRMM Prerequisites Installation Guide



## secRMM Prerequisites Installation Guide



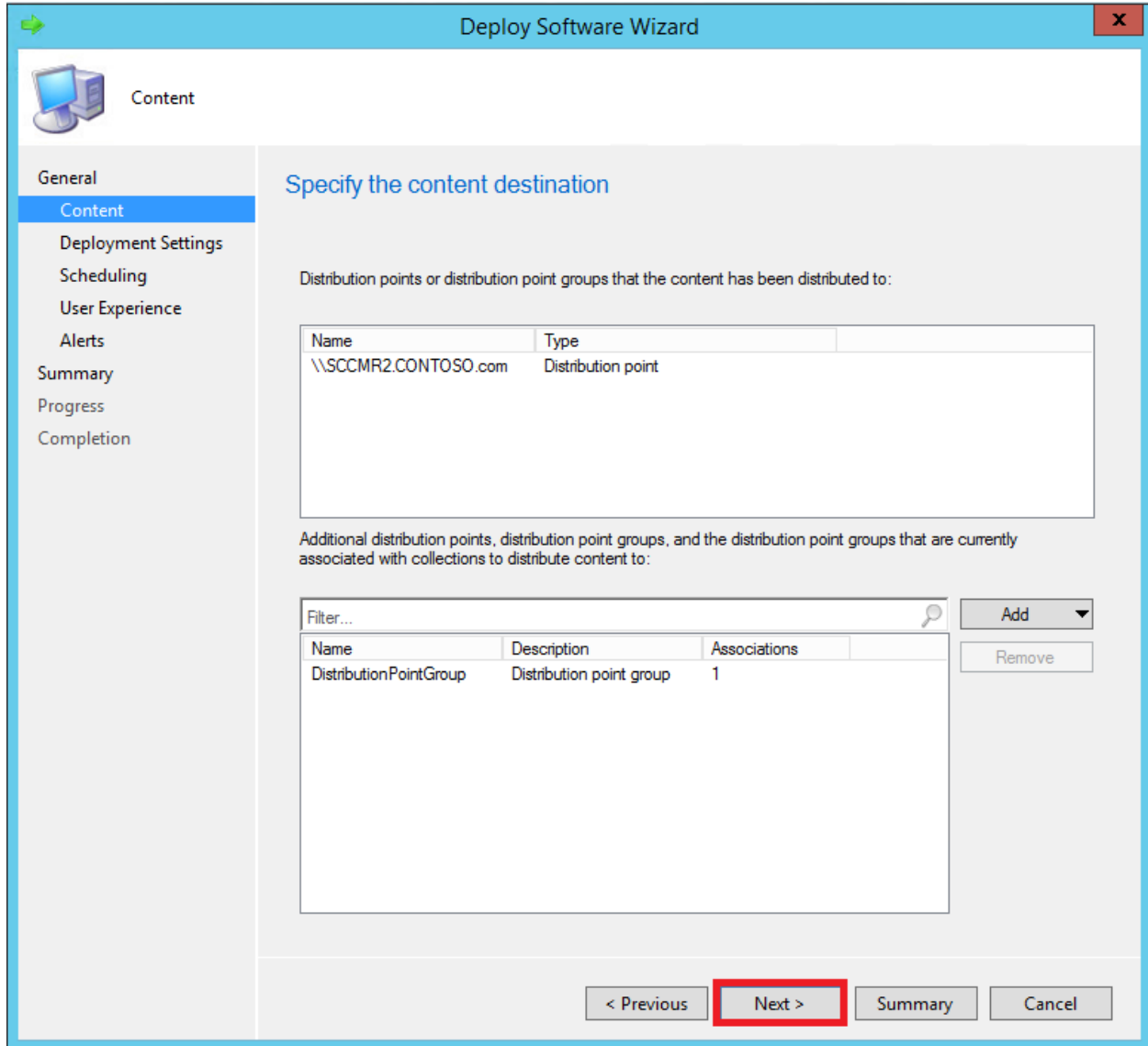
# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Deploy Software Wizard' window, specifically the 'General' tab. The window has a blue title bar with a green arrow icon on the left and a red 'X' icon on the right. The main area is divided into a left sidebar and a right content area. The sidebar contains a list of steps: General (selected), Content, Deployment Settings, Scheduling, User Experience, Alerts, Summary, Progress, and Completion. The content area is titled 'Specify general information for this deployment' and contains the following fields and controls:

- Software:** A text box containing 'secRMM Microsoft prerequisite software' and a 'Browse...' button.
- Collection:** A text box containing 'All Systems' and a 'Browse...' button.
- ☒ Use default distribution point groups associated to this collection
- ☒ Automatically distribute content for dependencies
- Comments (optional):** A large text area with a vertical scrollbar.
- Navigation buttons:** '< Previous', 'Next >' (highlighted with a red rectangle), 'Summary', and 'Cancel'.

# secRMM Prerequisites Installation Guide



The screenshot shows the 'Deploy Software Wizard' window with the 'Content' 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 the content destination' and contains a table of distribution points. Below the table is a section for additional distribution points with a filter box and an 'Add' button. At the bottom, there are navigation buttons: '< Previous', 'Next >', 'Summary', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

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
\\SCCMR2.CONTOSO.com	Distribution point

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
DistributionPointGroup	Distribution point group	1

Add

Remove

< Previous

Next >

Summary

Cancel

## secRMM Prerequisites Installation Guide

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:

Purpose:

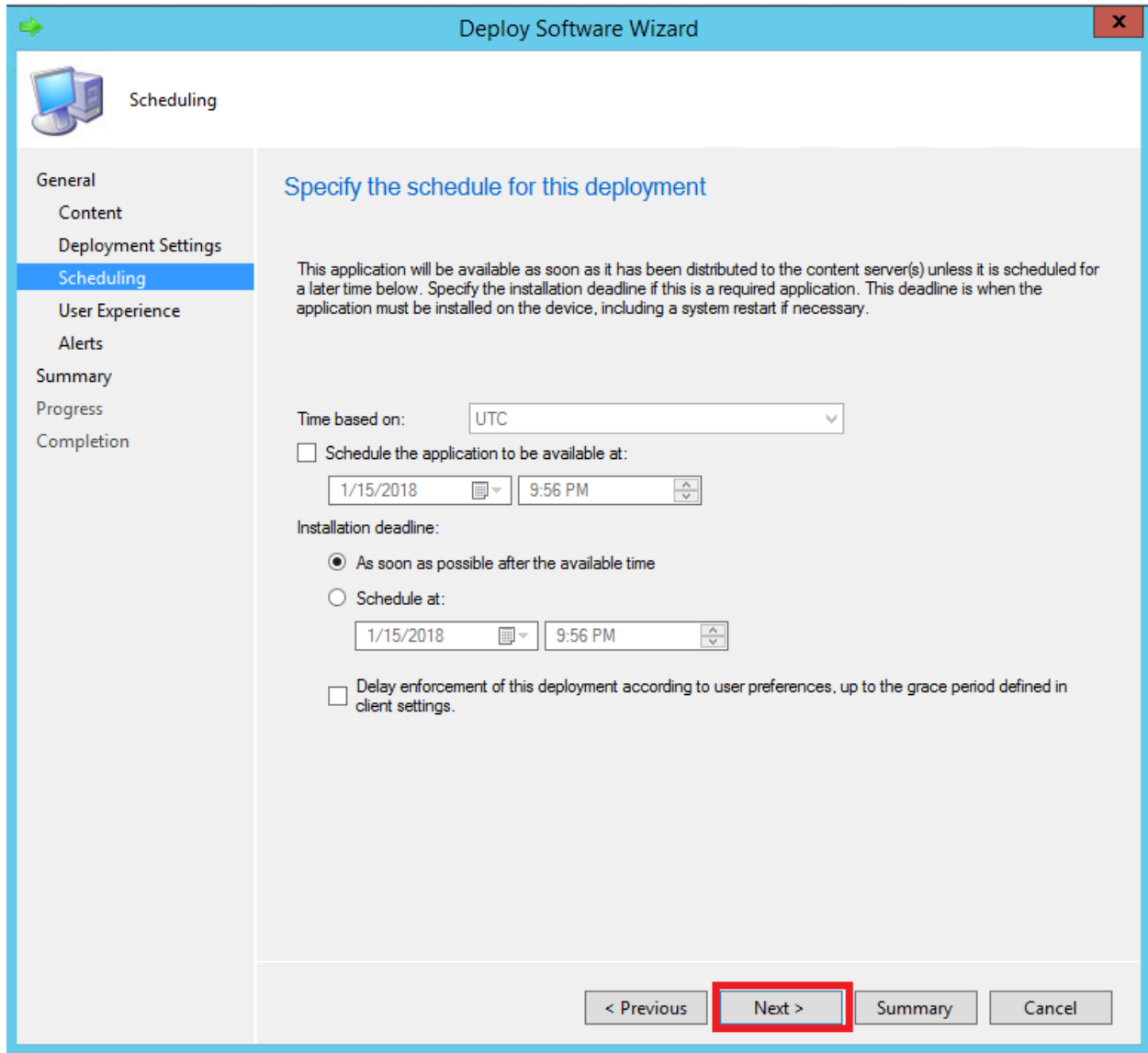
☐ Pre-deploy software to the user's primary device

☒ Send wake-up packets

☐ Allow clients on a metered Internet connection to download content after the installation deadline, which might incur additional costs

< Previous **Next >** Summary Cancel

# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Deploy Software Wizard' window, specifically the 'Scheduling' step. The window has a blue title bar with a green arrow icon on the left and a red 'X' icon on the right. Below the title bar, there is a sidebar on the left with a list of steps: General, Content, Deployment Settings, Scheduling (highlighted in blue), User Experience, Alerts, Summary, Progress, and Completion. The main area of the window is titled 'Specify the schedule for this deployment'. It contains a paragraph of text explaining that the application will be available as soon as it has been distributed to the content server(s) unless it is scheduled for a later time below. Below this text, there are several input fields and checkboxes. The 'Time based on:' field is set to 'UTC'. There is a checkbox for 'Schedule the application to be available at:' which is currently unchecked. Below this checkbox, there are two input fields: '1/15/2018' and '9:56 PM'. There is also a section for 'Installation deadline:' with two radio buttons: 'As soon as possible after the available time' (selected) and 'Schedule at:'. Below the 'Schedule at:' radio button, there are two input fields: '1/15/2018' and '9:56 PM'. At the bottom of the window, there are four buttons: '< Previous', 'Next >' (highlighted with a red box), 'Summary', and 'Cancel'.

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 it has been distributed to the content server(s) unless it is scheduled for a later time below. Specify the installation deadline if this is a required application. This deadline is when the application must be installed on the device, including a system restart if necessary.

Time based on: UTC

☐ Schedule the application to be available at:

1/15/2018 9:56 PM

Installation deadline:

☒ As soon as possible after the available time

☐ Schedule at:

1/15/2018 9:56 PM

☐ Delay enforcement of this deployment according to user preferences, up to the grace period defined in client settings.

< Previous Next > Summary Cancel



## secRMM Prerequisites Installation Guide

**Deploy Software Wizard**

**User Experience**

Specify the user experience for the installation of this software on the selected devices

Specify user experience setting for this deployment

User notifications: Hide in Software Center and all notifications

When the installation deadline is reached, allow the following activities to be performed outside the maintenance window:

- ☒ Software Installation
- ☒ System restart (if required to complete the installation)

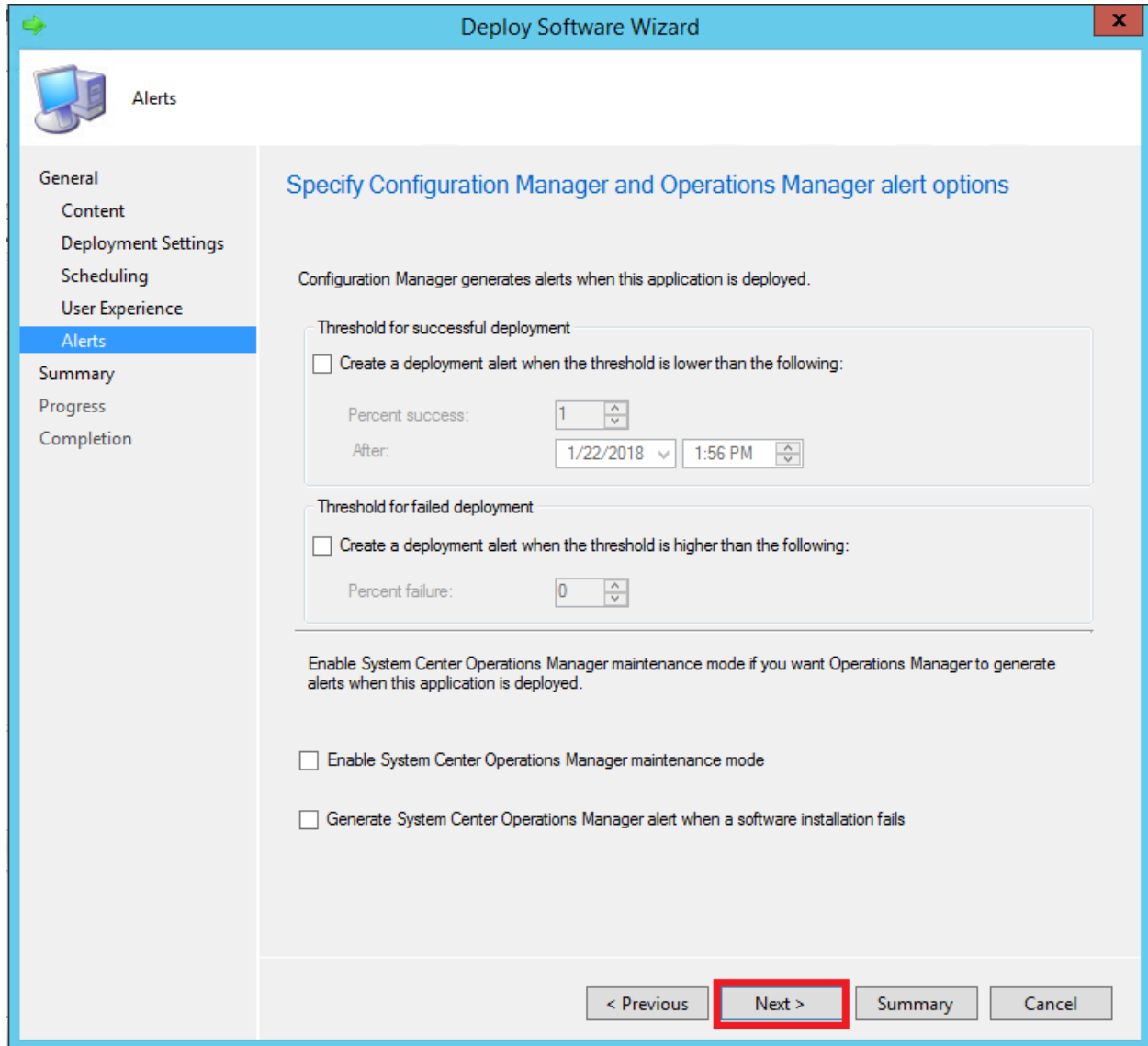
Write filter handling for Windows Embedded devices

☒ Commit changes at deadline or during a maintenance window (requires restarts)

If this option is not selected, content will be applied on the overlay and committed later.

< Previous **Next >** Summary Cancel

# secRMM Prerequisites Installation Guide



The image shows a screenshot of the 'Deploy Software Wizard' window, specifically the 'Alerts' configuration step. The window has a blue title bar with a green arrow icon on the left and a red 'X' icon on the right. On the left side, there is a navigation pane with the following items: 'General', 'Content', 'Deployment Settings', 'Scheduling', 'User Experience', 'Alerts' (which is highlighted in blue), 'Summary', 'Progress', and 'Completion'. The main area of the window is titled 'Specify Configuration Manager and Operations Manager alert options'. It contains the following text and controls:

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:

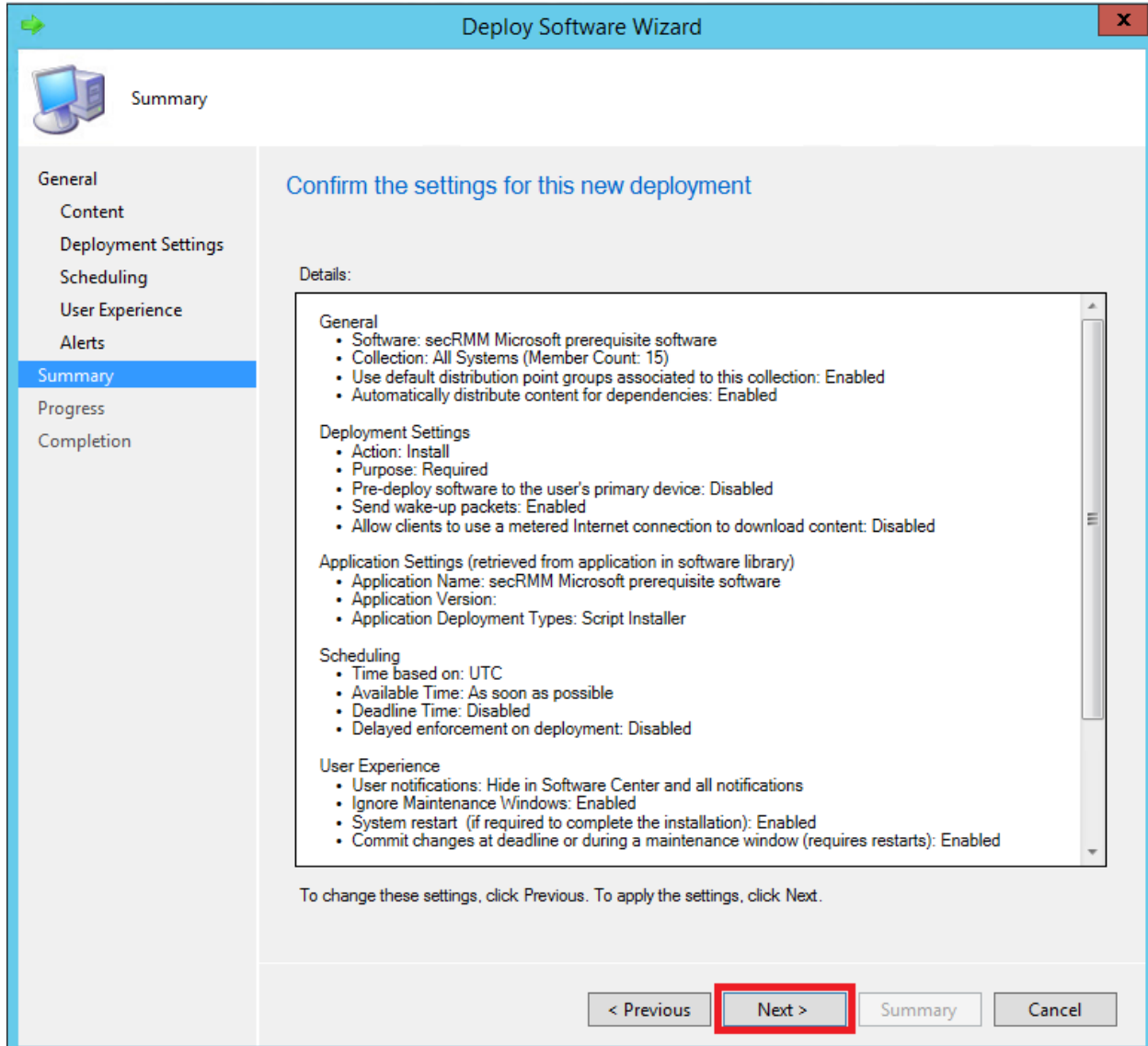
Enable System Center Operations Manager maintenance mode if you want Operations Manager to generate alerts when this application is deployed.

☐ Enable System Center Operations Manager maintenance mode

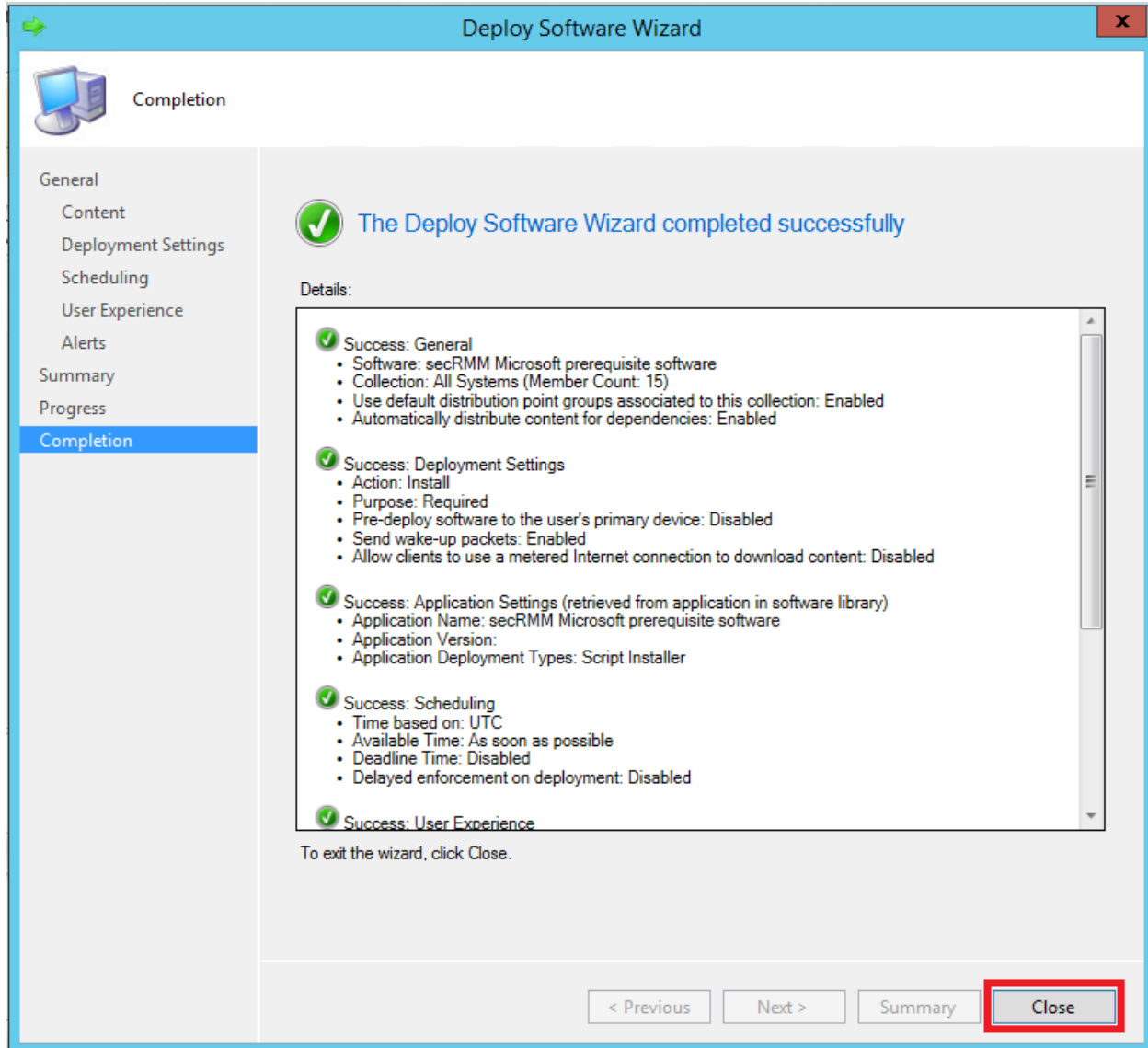
☐ Generate System Center Operations Manager alert when a software installation fails

At the bottom right, there are four buttons: '< Previous', 'Next >' (which is highlighted with a red border), 'Summary', and 'Cancel'.

# secRMM Prerequisites Installation Guide



# secRMM Prerequisites Installation Guide

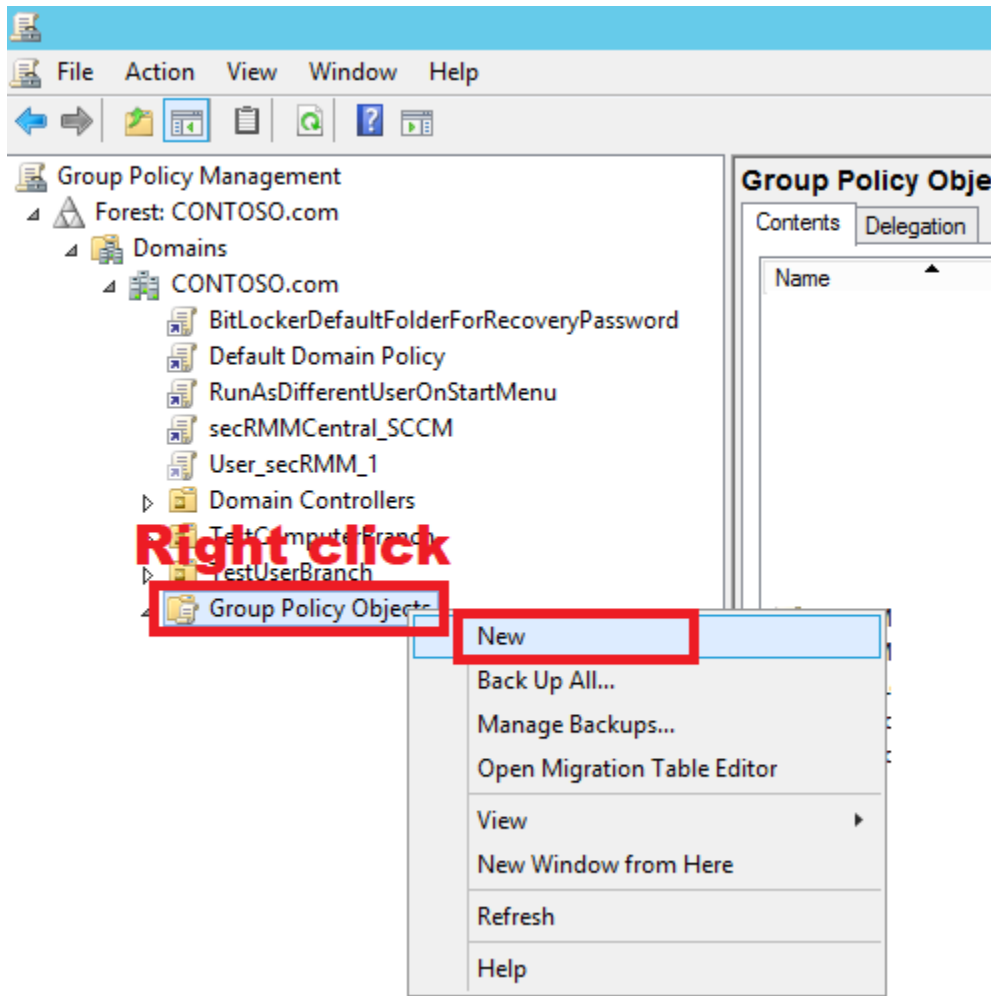
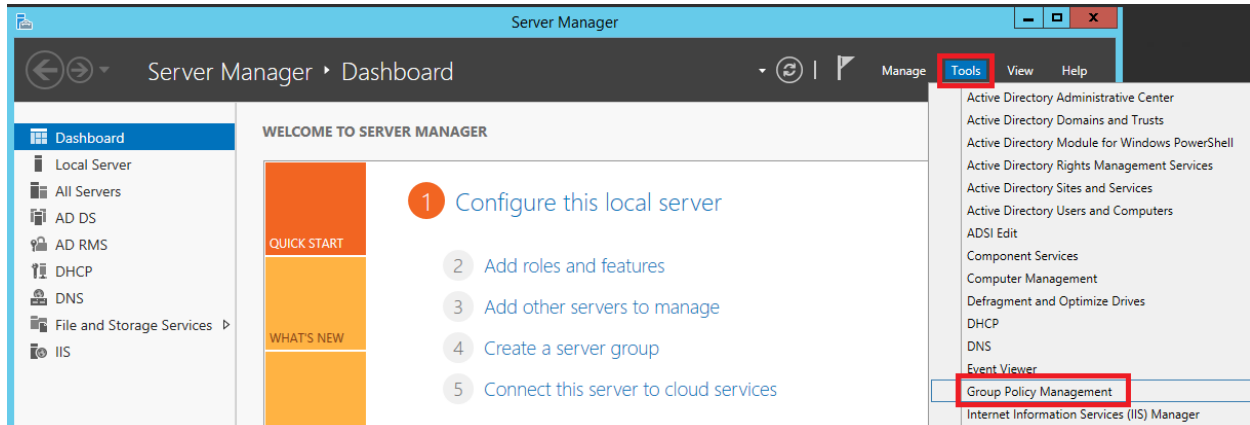


## Deploy using AD GPO

### Create AD GPO

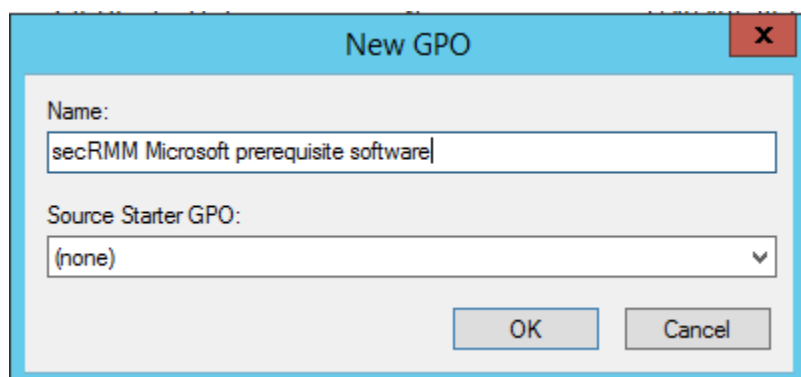
We will use a Windows computer startup script from AD GPO to run the deployment script.

# secRMM Prerequisites Installation Guide



## secRMM Prerequisites Installation Guide

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A screenshot of a Windows Group Policy Object (GPO) creation dialog box titled "New GPO". The dialog has a light blue header bar with the title and a red close button. The main area is light gray and contains two input fields. The first field is labeled "Name:" and contains the text "secRMM Microsoft prerequisite software". The second field is labeled "Source Starter GPO:" and shows a dropdown menu with "(none)" selected. At the bottom right, there are two buttons: "OK" and "Cancel".

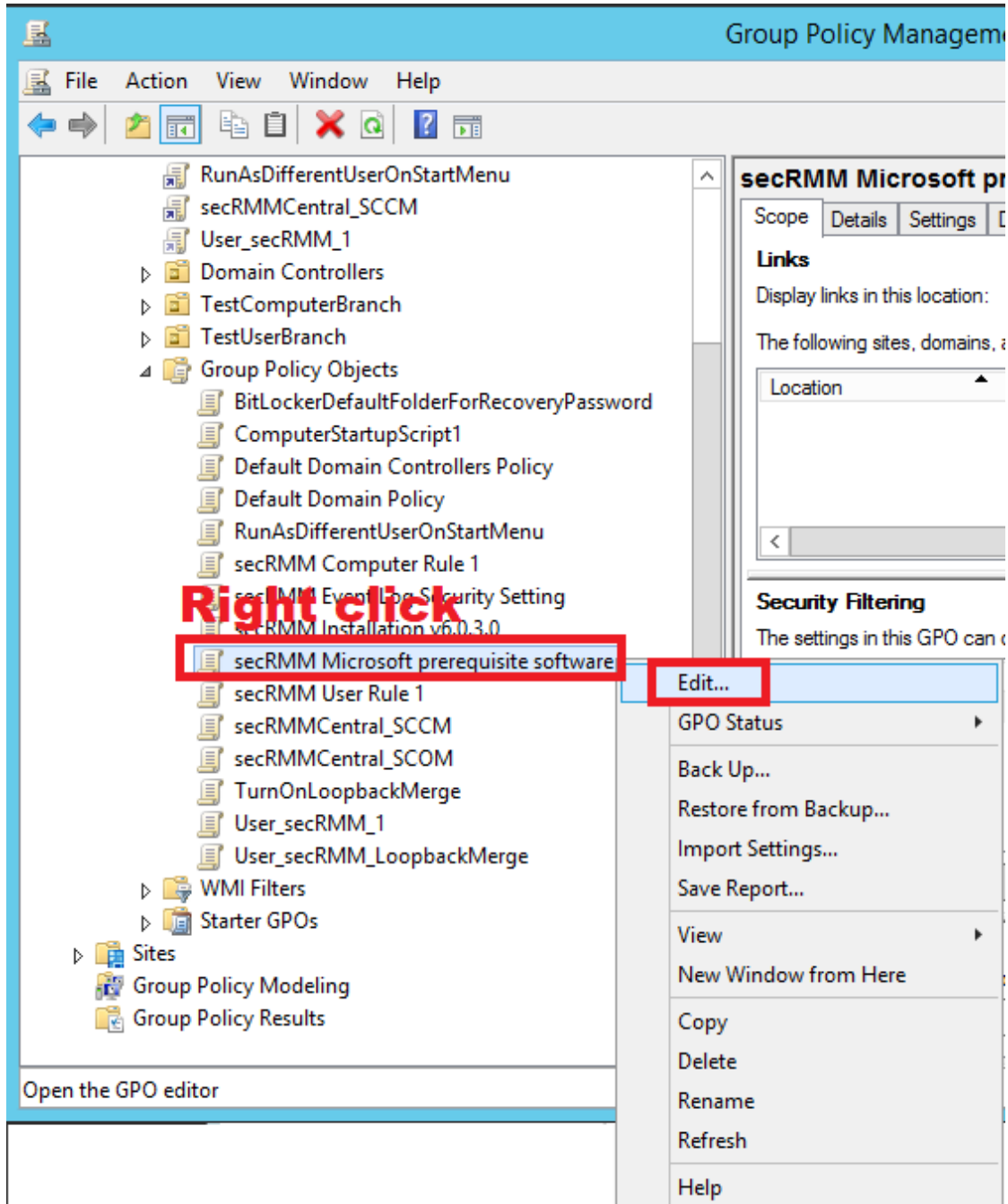
**New GPO**

Name:  
secRMM Microsoft prerequisite software

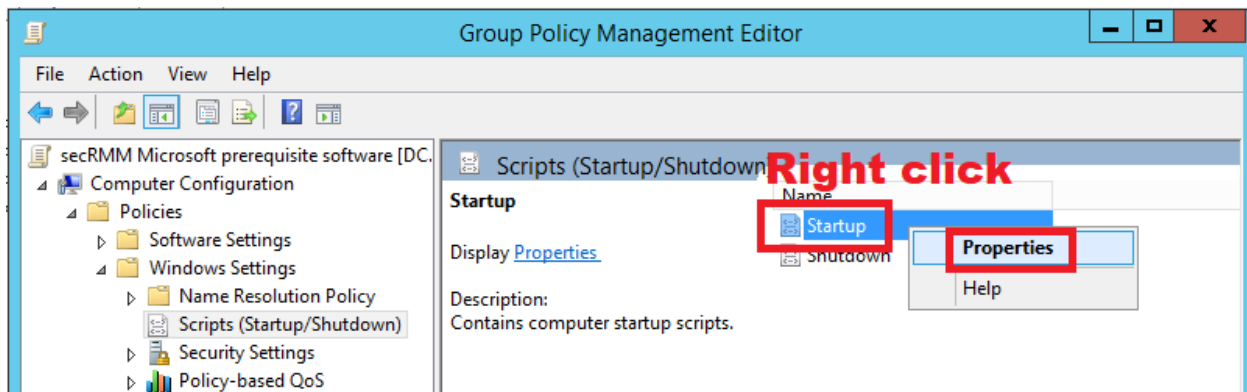
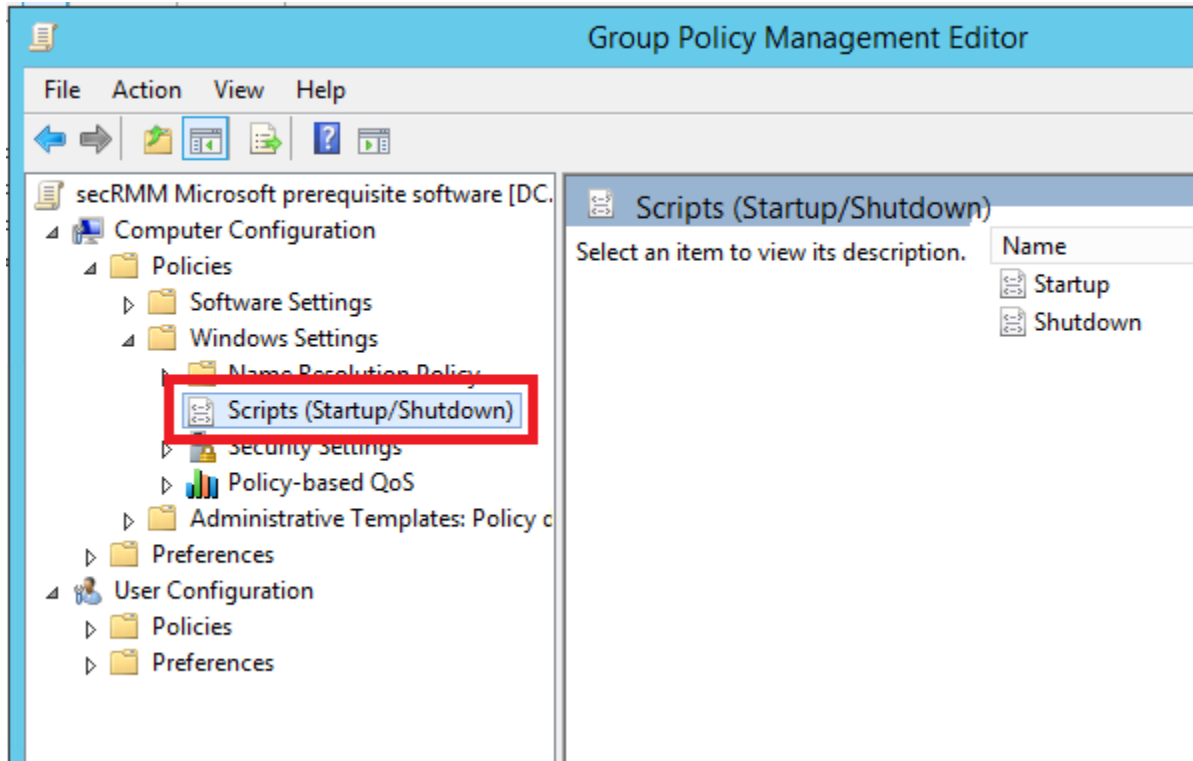
Source Starter GPO:  
(none)

OK Cancel

## secRMM Prerequisites Installation Guide

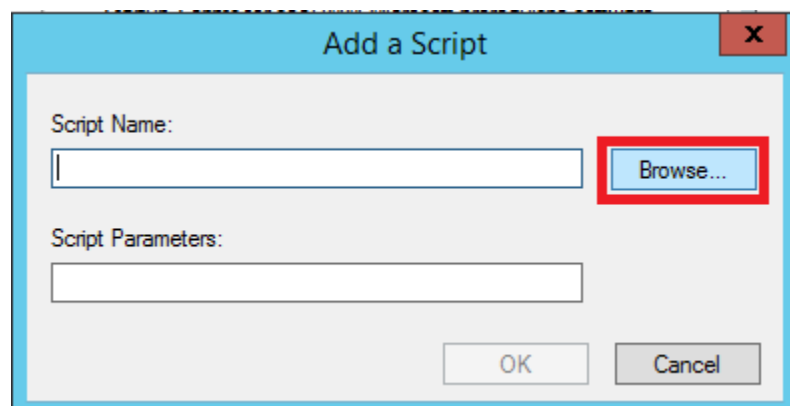
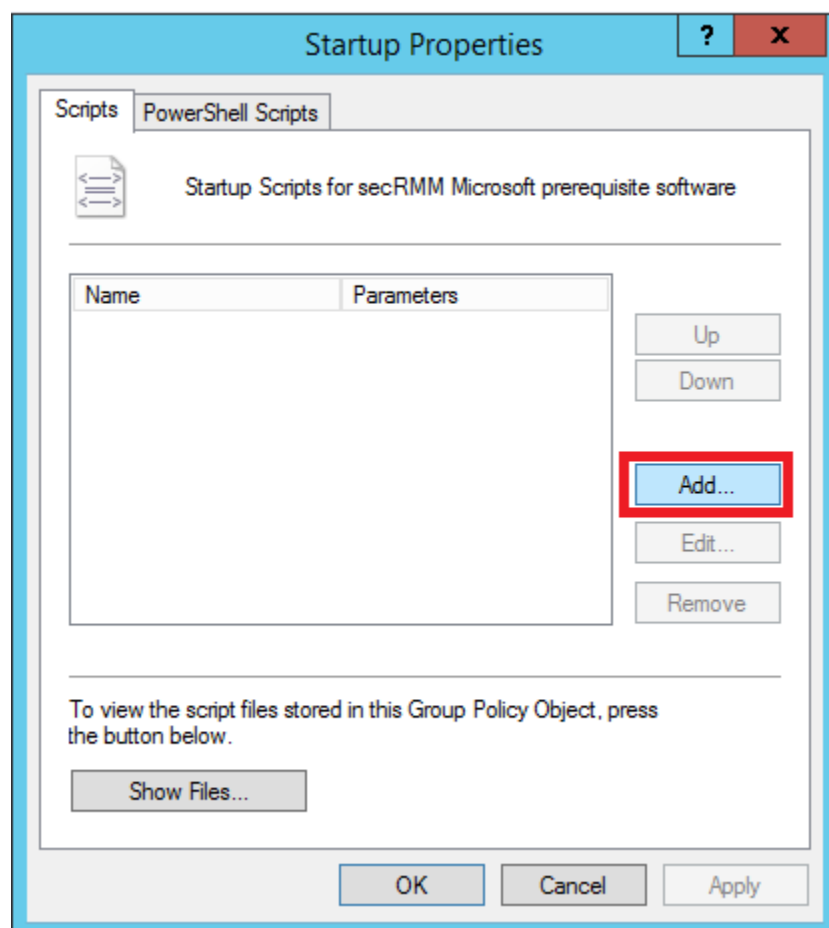


## secRMM Prerequisites Installation Guide

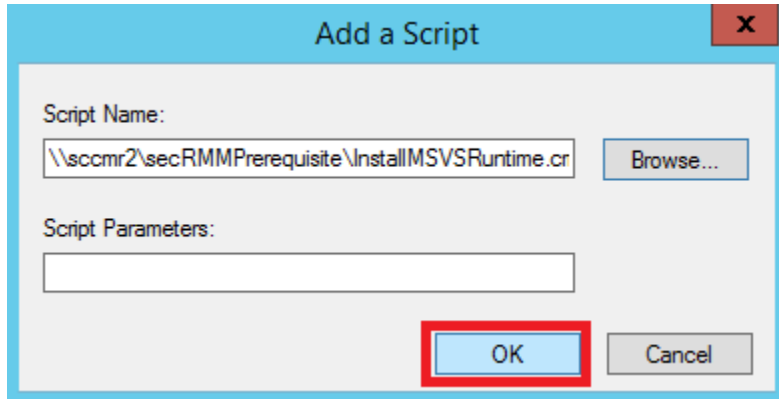
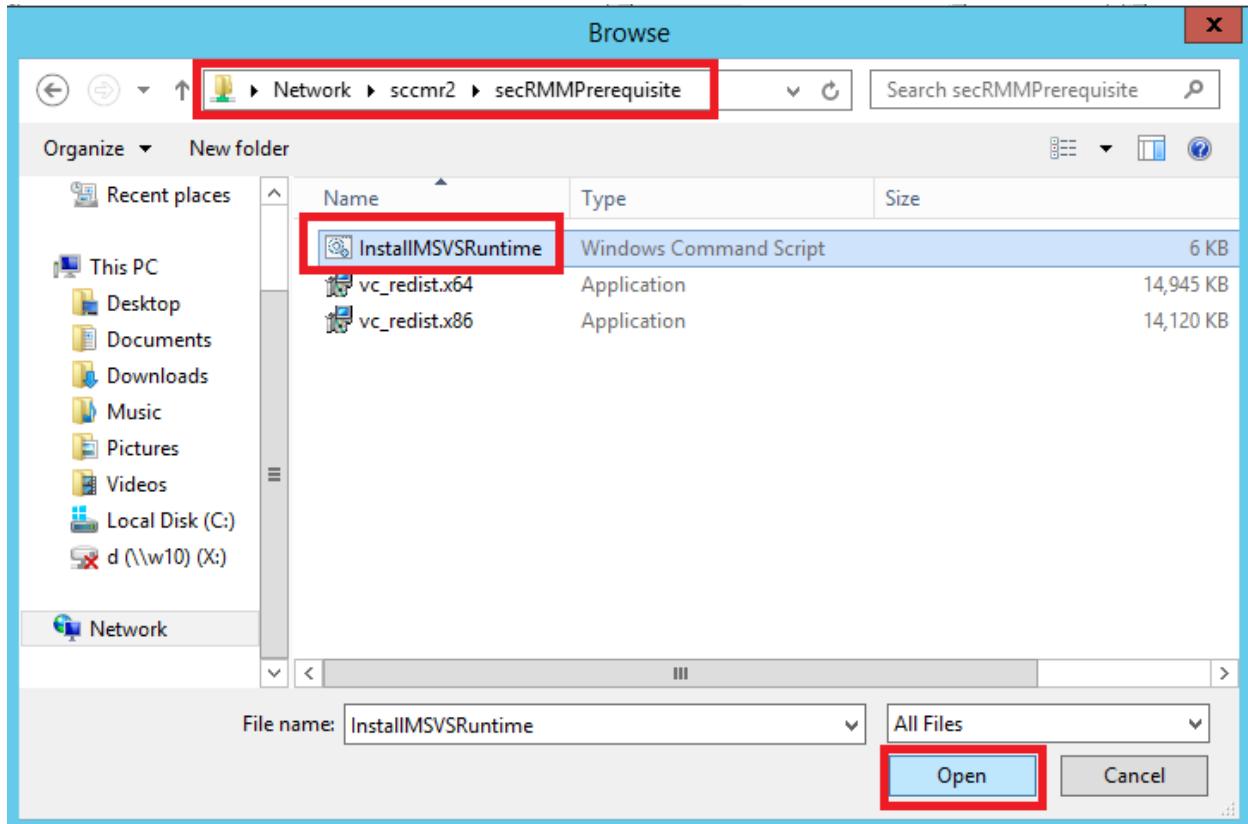


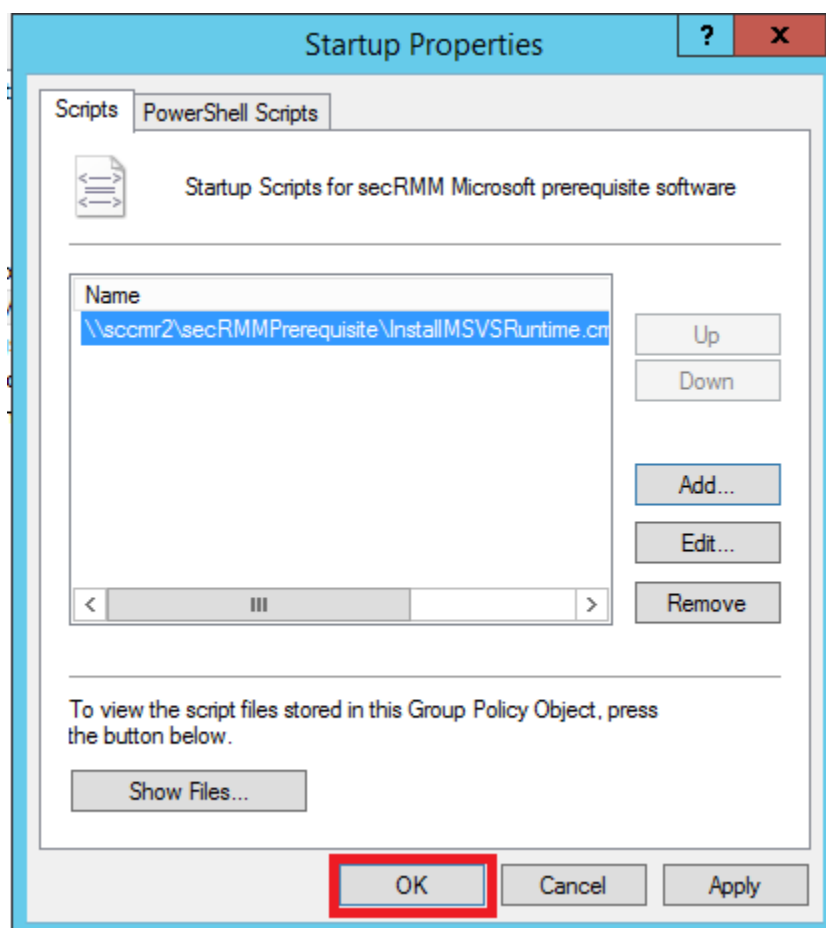


## secRMM Prerequisites Installation Guide

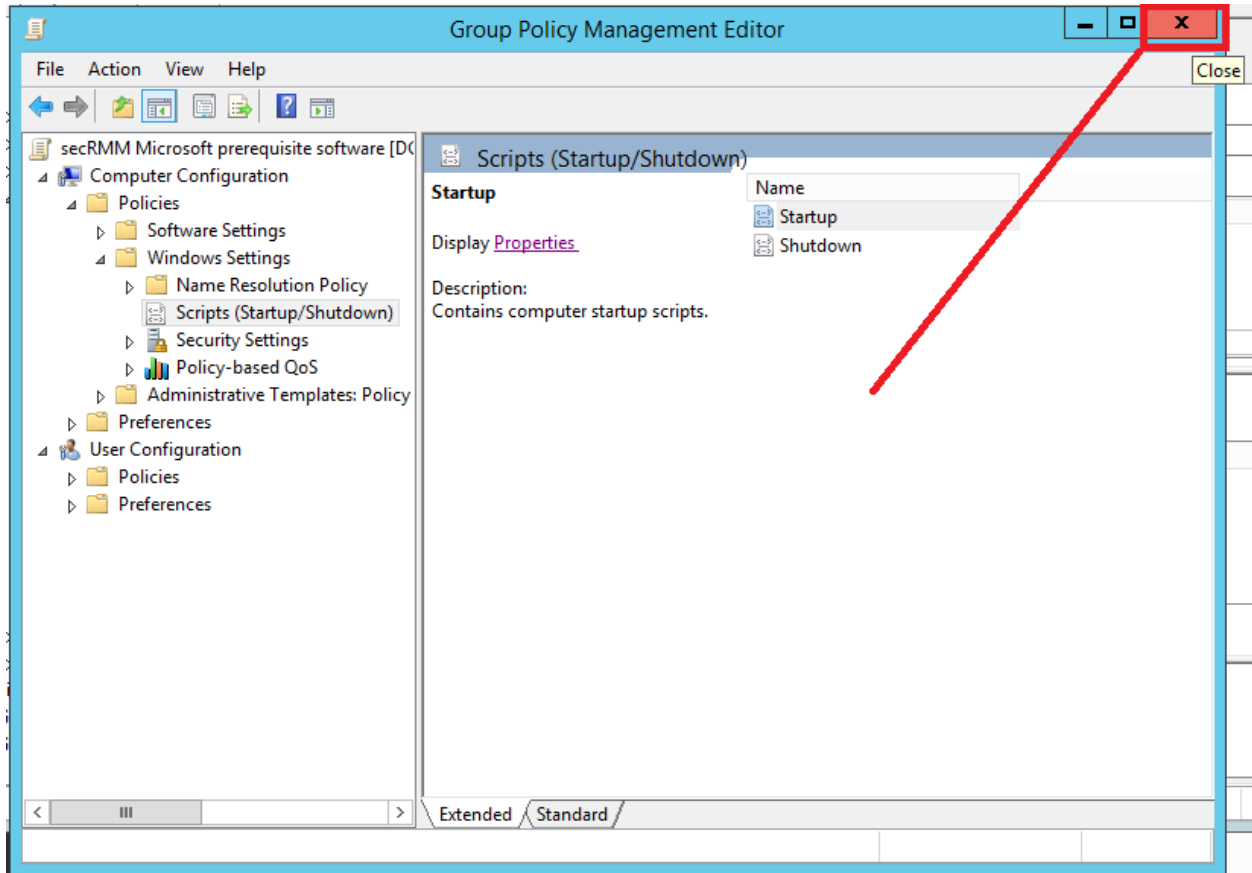


## secRMM Prerequisites Installation Guide



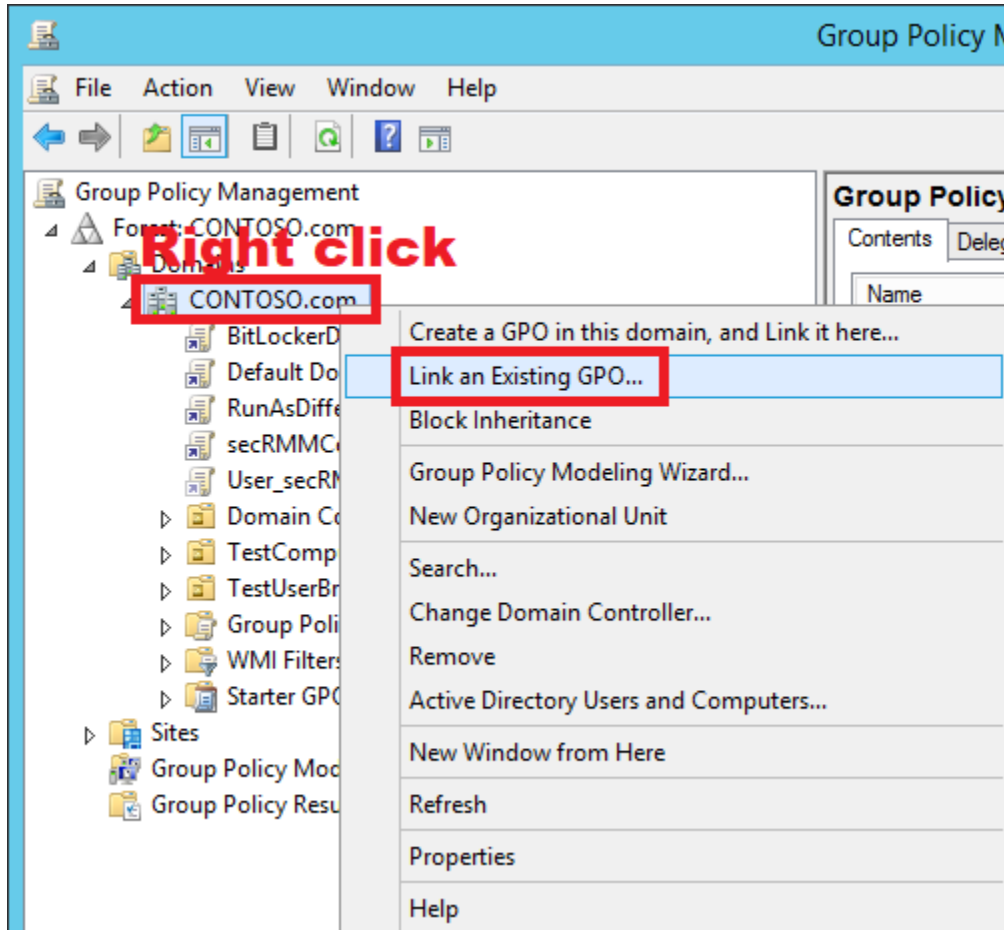


# secRMM Prerequisites Installation Guide

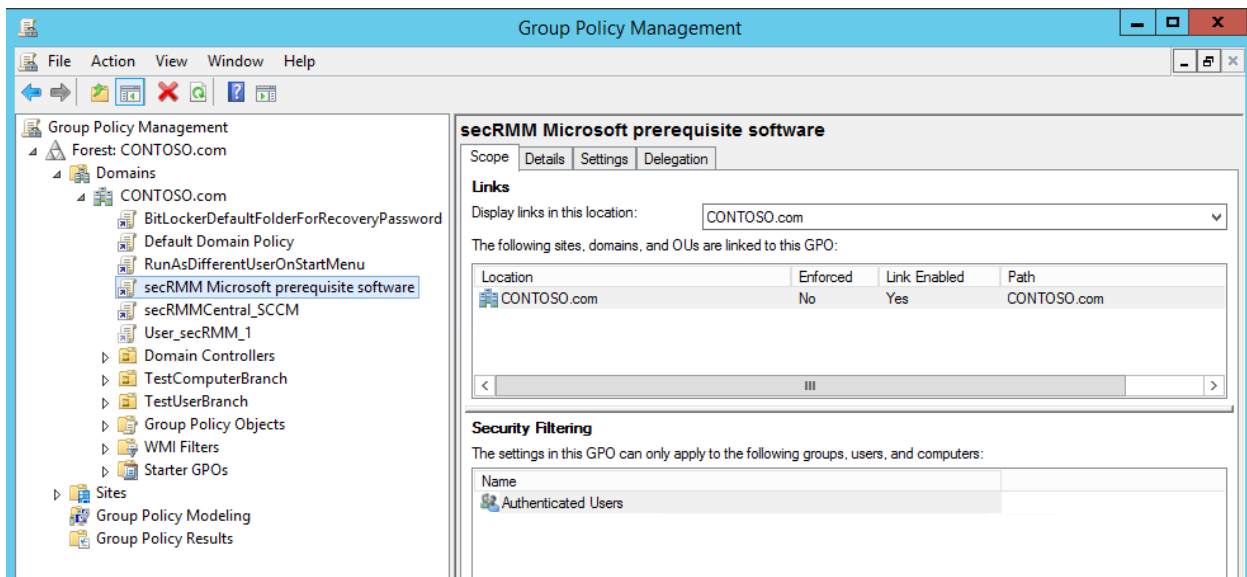
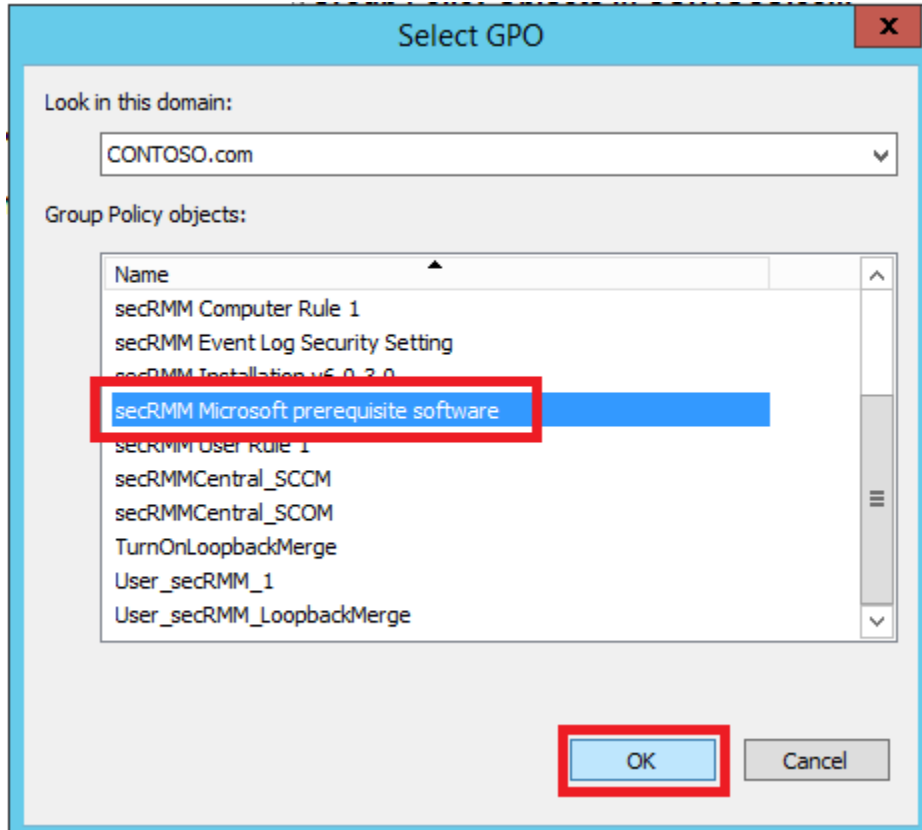


## Link AD GPO

The final step is to link the GPO to an OU in your organization that contains the Windows computers you want to deploy the software to.

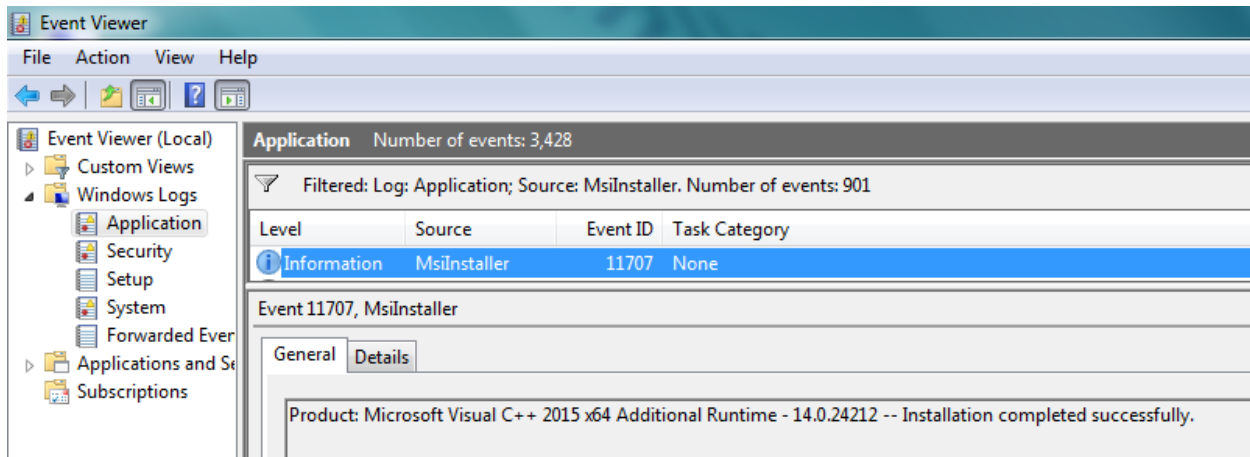


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## Verify the deployment

Whether you used SCCM or AD GPO, you will see an event id of 11707 in the Application event log as shown below.



## Contacting Squadra Technologies Support

Squadra Technologies Support is available to customers who have purchased a commercial version of secRMM and have a valid maintenance contract or who are in a trial mode of the product.

When you contact Support please include the following information:

1. The version of secRMM you have installed.
2. The Windows versions you have installed: XP, 2003 Server, 2008 Server R2, Vista, Windows 7, etc.
3. The version of SCCM you have installed.
4. Whether the Windows Operating System is 32bit or 64bit.
5. The specific issue you are contacting support for.

## About Squadra Technologies, LLC.

Squadra Technologies delivers innovative products that help organizations get more data protection within the computer infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Squadra Technologies is helping customers worldwide.

Contacting Squadra Technologies, LLC.

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