Security Removable Media Manager

Prerequisites Installation Guide

Version 9.11.26.0

(January 2024)

Protect your valuable data

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Squadra Technologies Excel AddIn Administrator Guide
Created - August 2011

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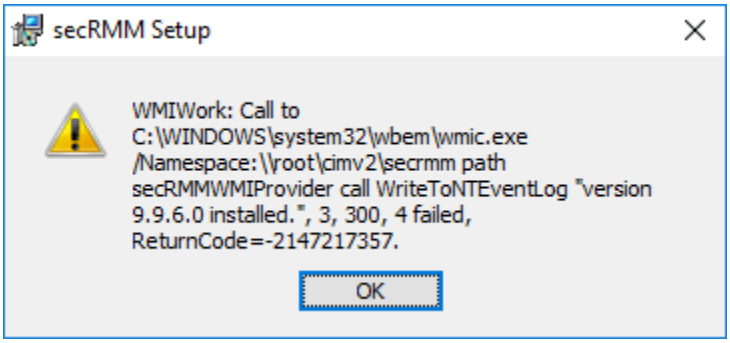
Introduction

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 **R**emovable **M**edia **M**anager (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.

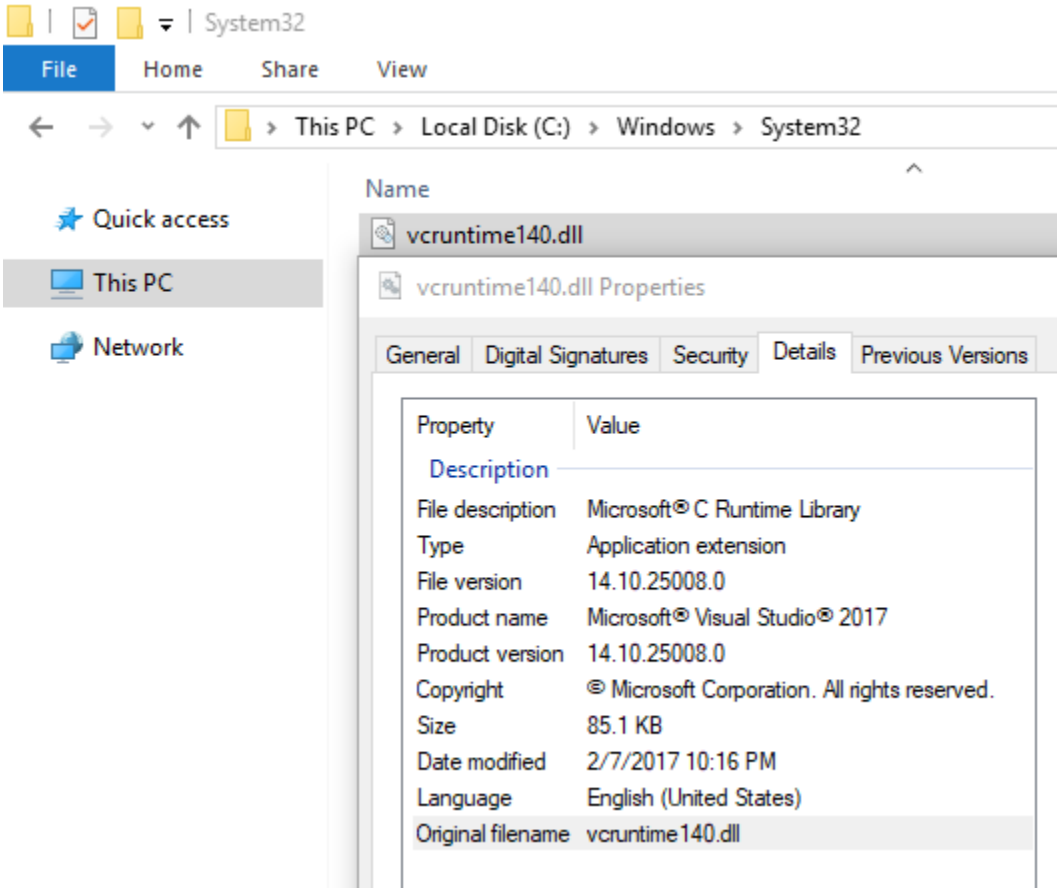


System Requirements

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

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.



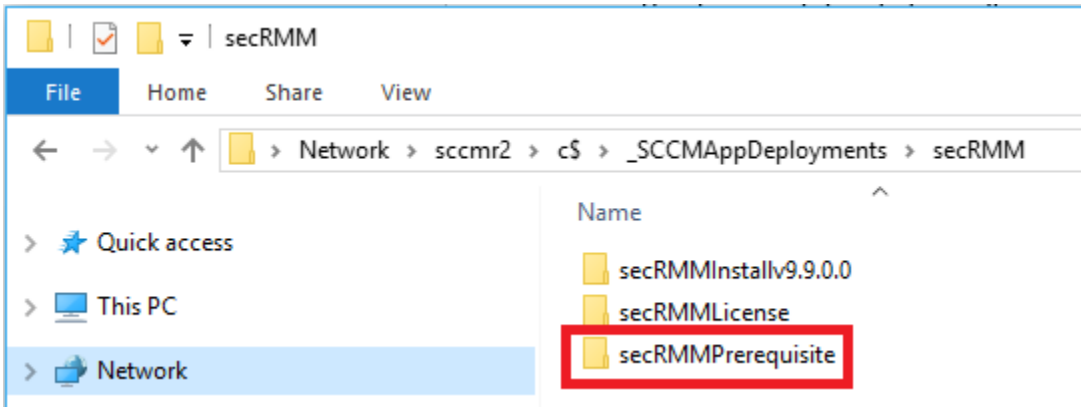
If the “Microsoft Visual C++ 2015 Redistributable Update 3” dlls are not on your systems and you install secRMM anyways, secRMM will generate an error (“Provider load failure”) and will not be able to function properly.

Prepare the server

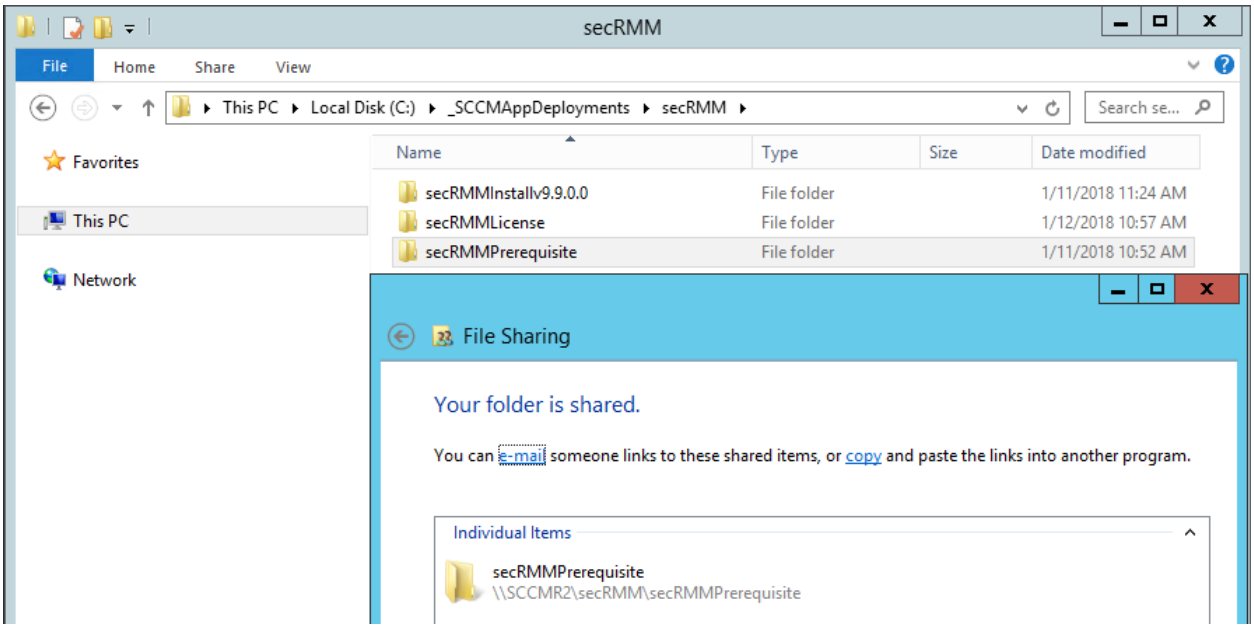
To deploy the “Microsoft Visual C++ 2015 Redistributable Update 3” software, we will create a network share on a server in your domain that all the computers in your domain can access.

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

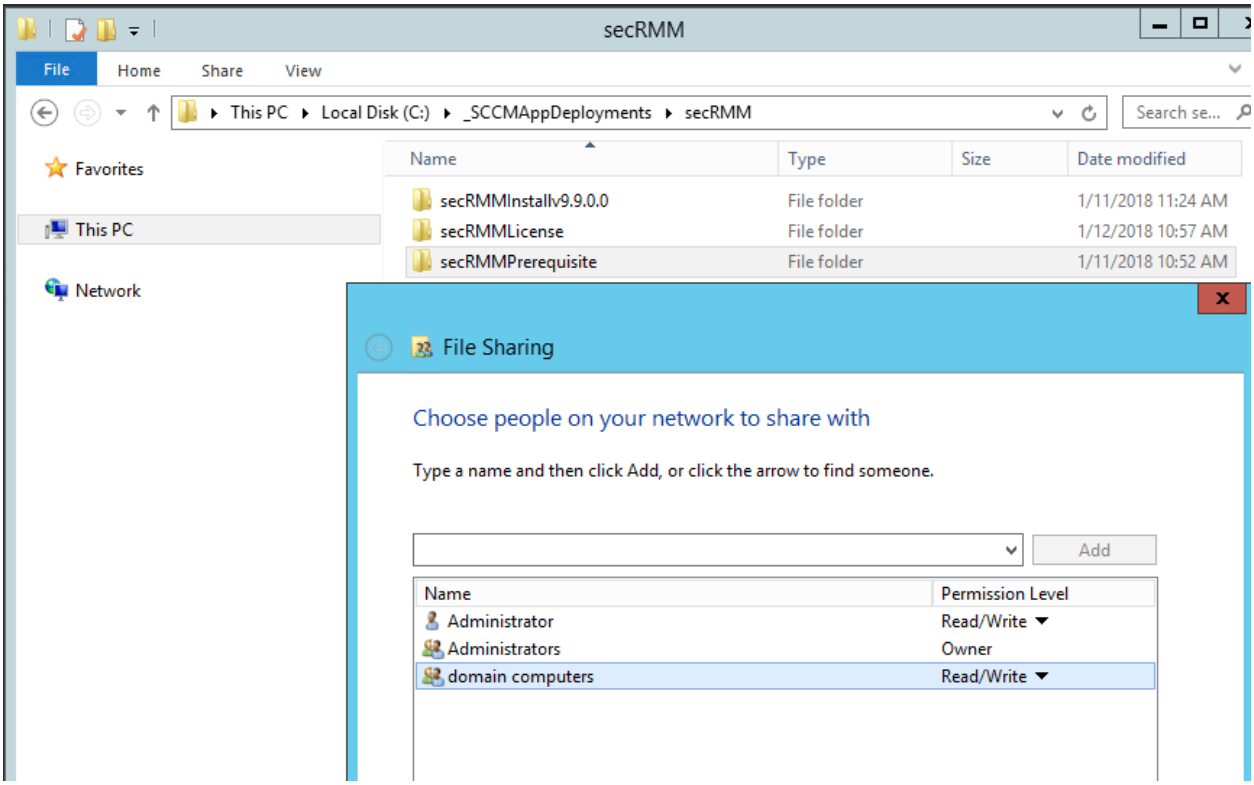
Please be sure though that you allow Read and Write access to the subdirectory named secRMMPrerequisite. This is because the script will write log files back into the secRMMPrerequisite subdirectory so you are able to analyze the deployment from a central location.



As you can see from the screenshot above, we used a server (named sccmr2) and created a secRMM directory under the directory named _SCCMAppDeployments. We will share the directory C:_SCCMAppDeployments\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:_SCCMAppDeployments\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.

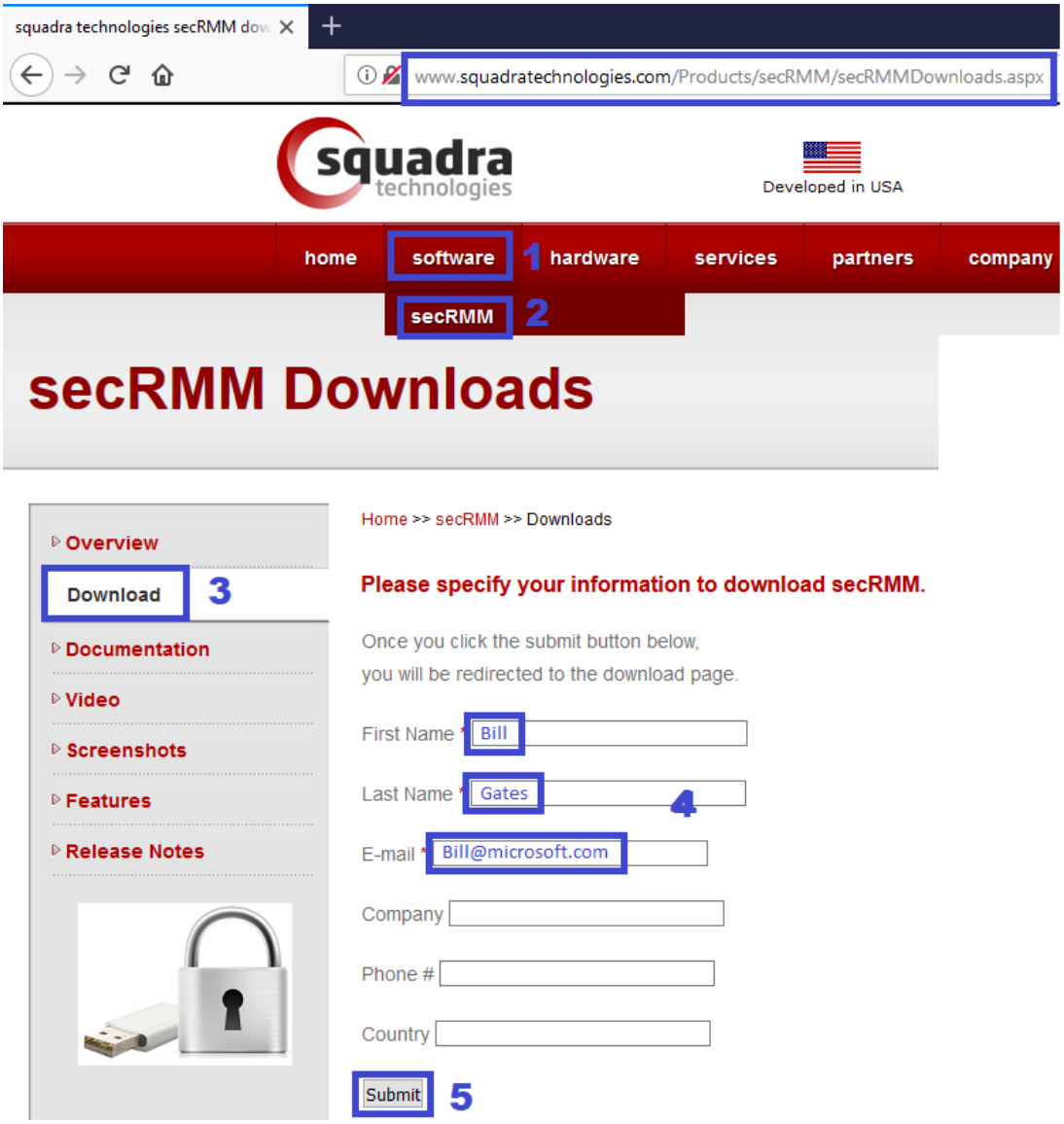


Download the software

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.


squadra technologies secRMM dow
www.squadratechnologies.com/Products/secRMM/secRMMDownloads.aspx
squadra technologies
Developed in USA
home
software
1
hardware
services
partners
company
secRMM
2
secRMM Downloads
Overview
Download
3
Documentation
Video
Screenshots
Features
Release Notes
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 * Bill
Last Name * Gates
4
E-mail * Bill@microsoft.com
Company
Phone #
Country
Submit
5

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

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

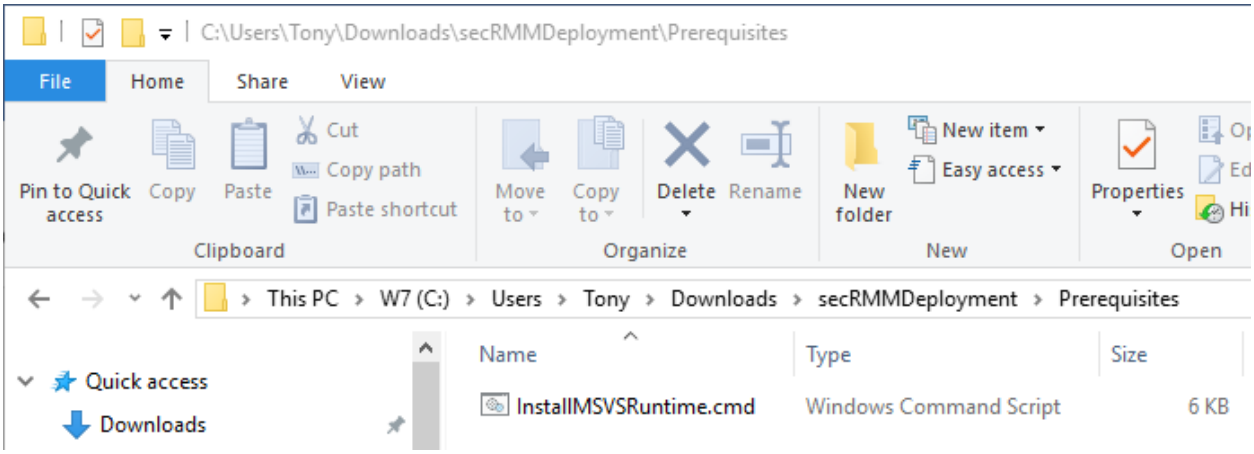
On the “Additional optional downloads” page, when you click the “secRMMDeployment.zip” link, it will download the secRMMDeployment.zip file to your local computer.

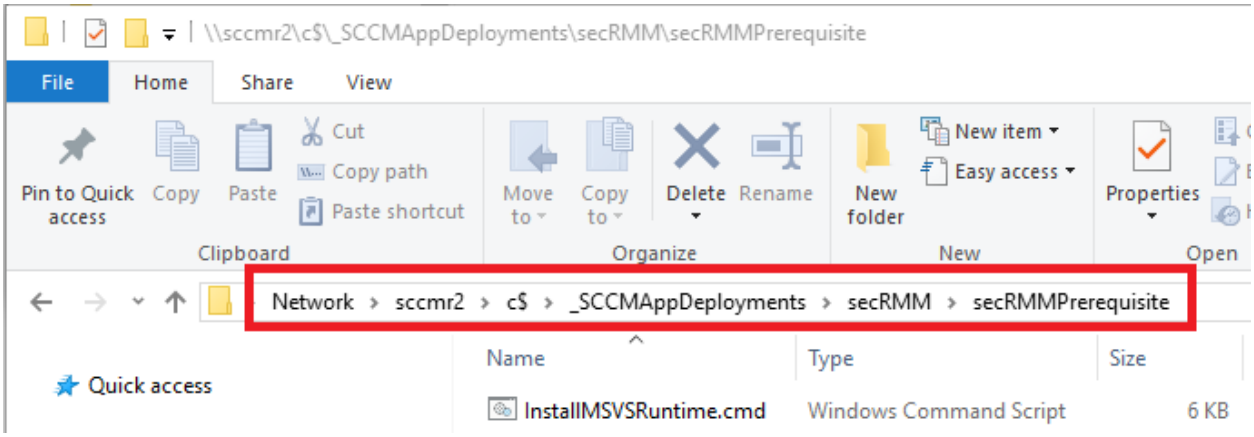
Home >> secRMM >> Downloads >> Optional Downloads

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

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:_SCCMAppDeployments\secRMM\secRMMPrerequisite).

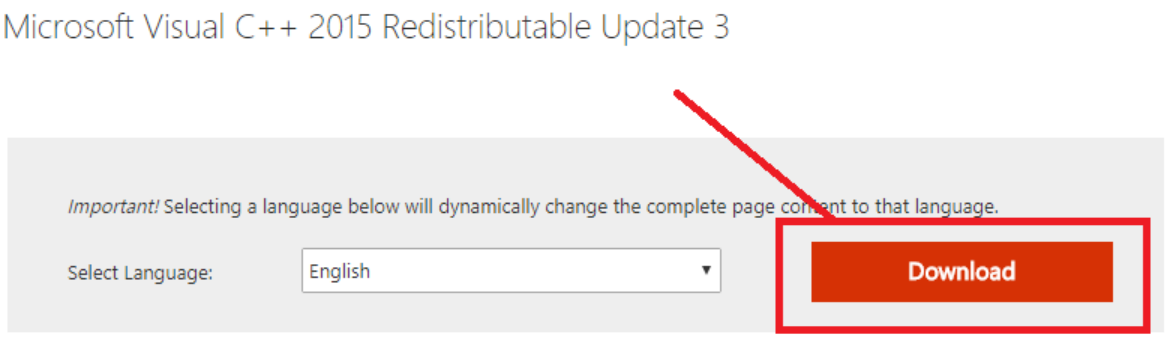




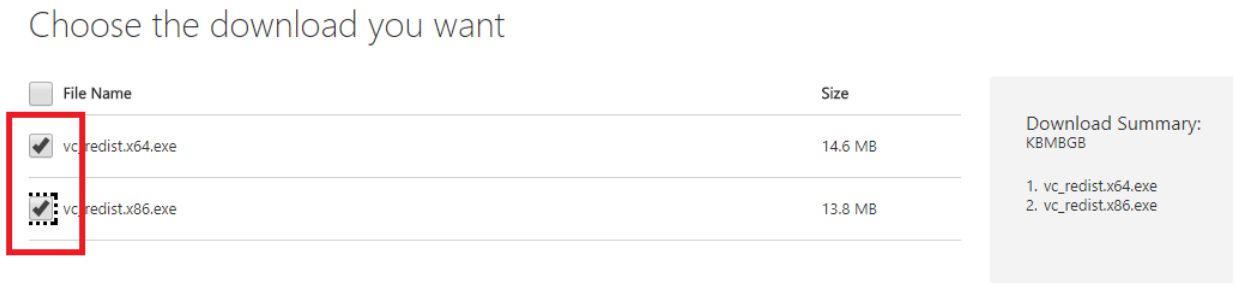
Get Microsoft installation files

Go to the Microsoft download center at:
https://www.microsoft.com/en-us/download/details.aspx?id=53587

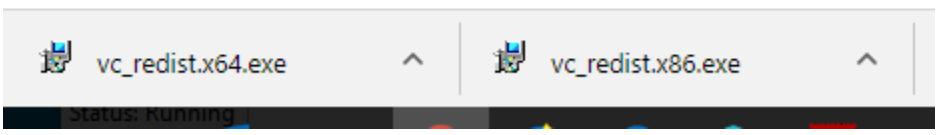
Click the download button.



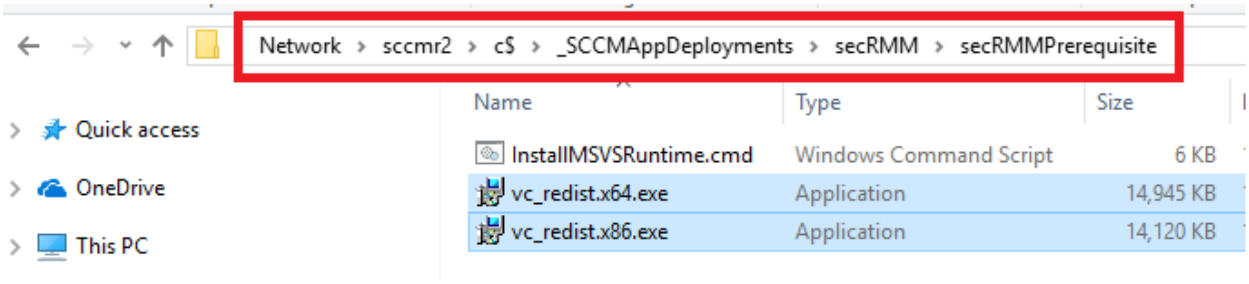
Select to download both the vc_redist.x64.exe and vc_redist.x86.exe files



The downloaded files will be copied to your local drive.



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).



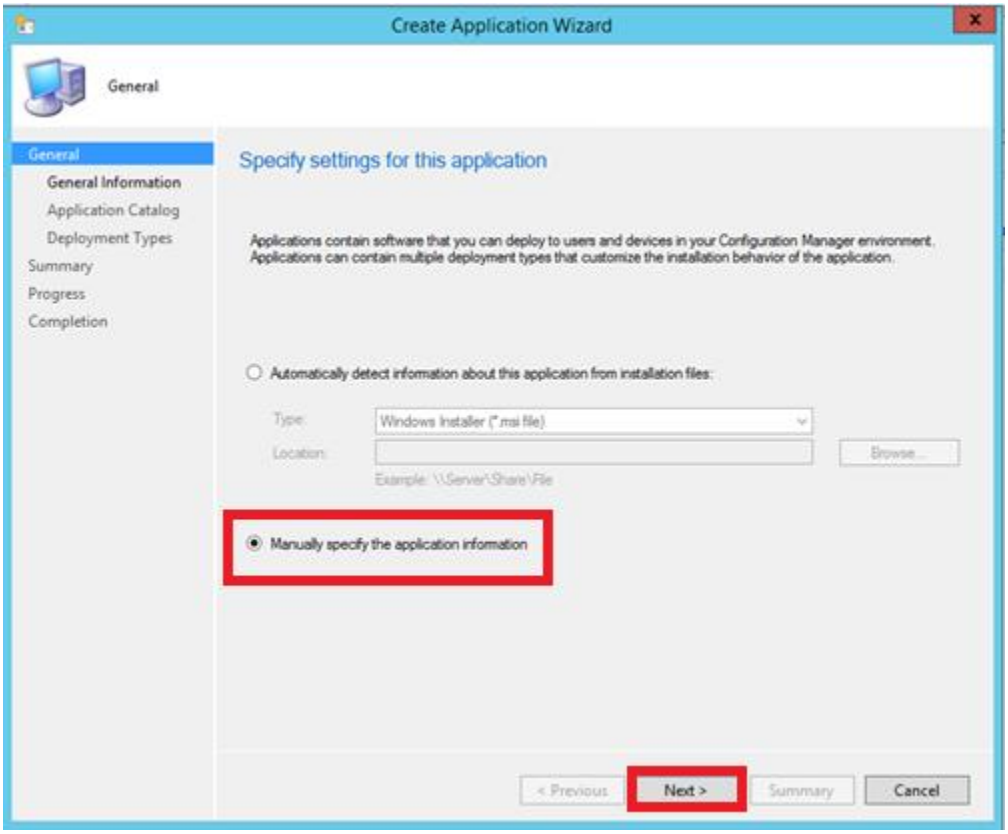
At this point, the server has the 3 files (InstallMSVSRuntime.cmd, vc_redist.x64.exe and vc_redist.x86.exe) we need to deploy the “Microsoft Visual C++ 2015 Redistributable Update 3” software to the computers in your environment.

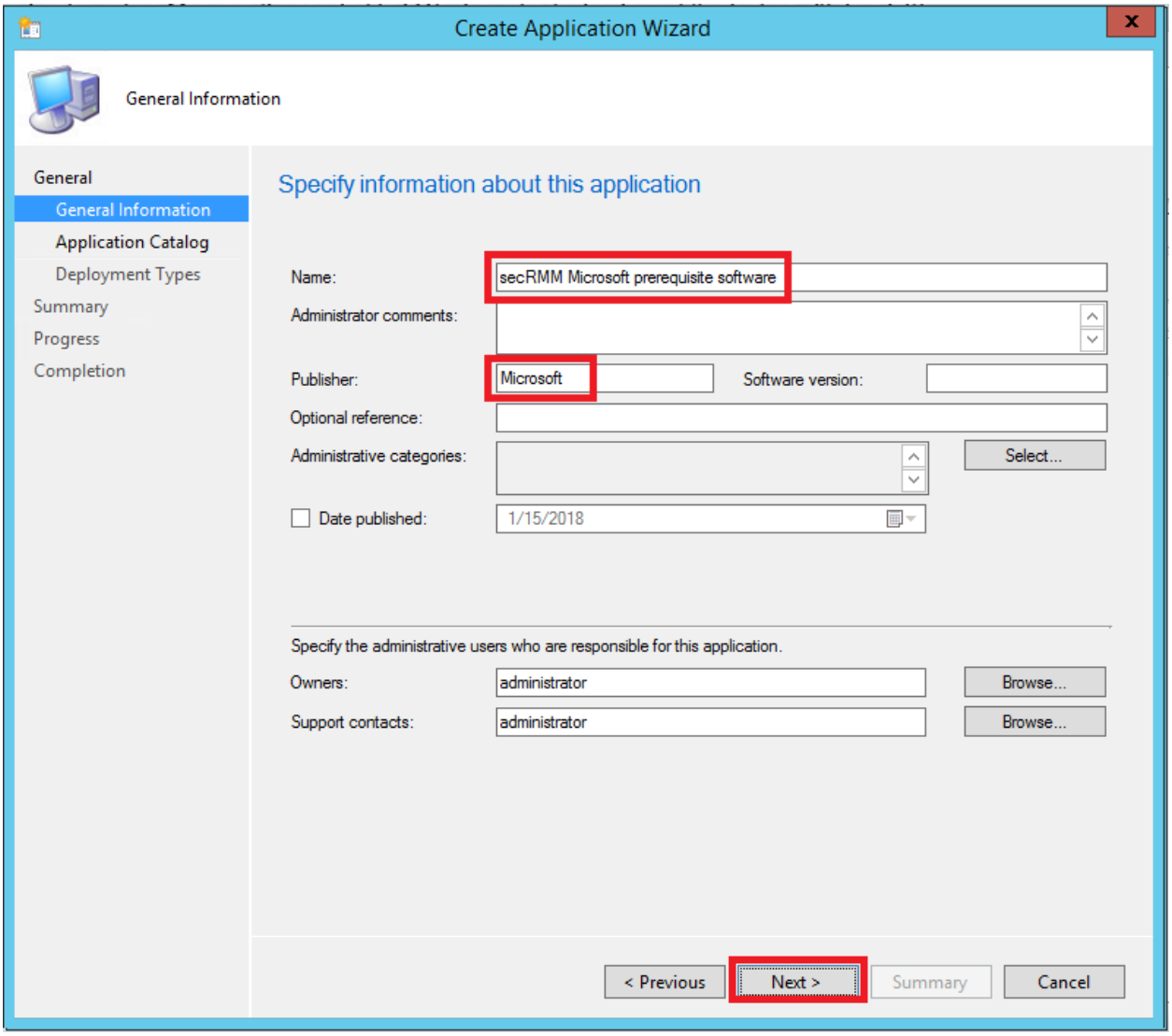
Deploy using SCCM

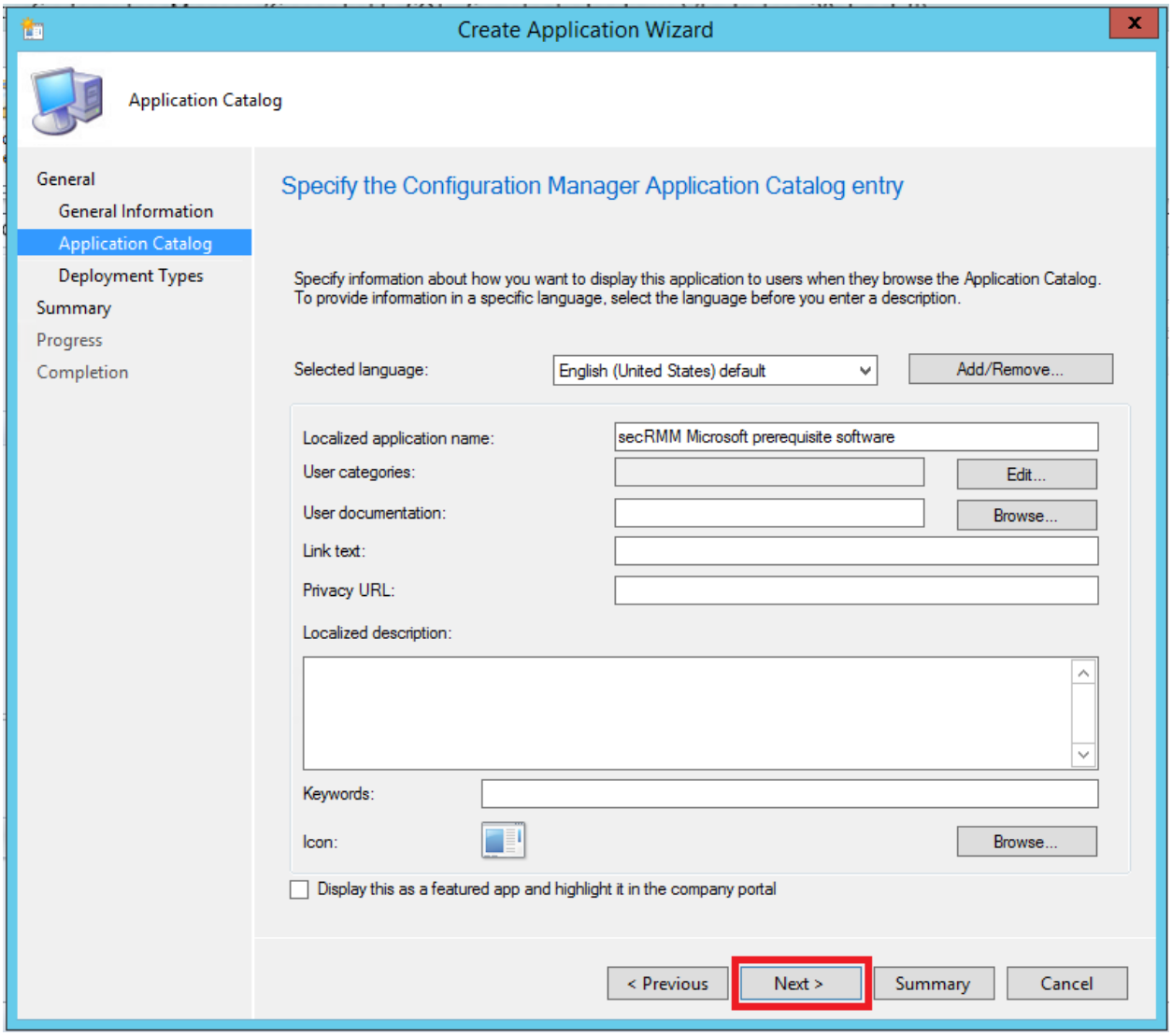
Create SCCM Application

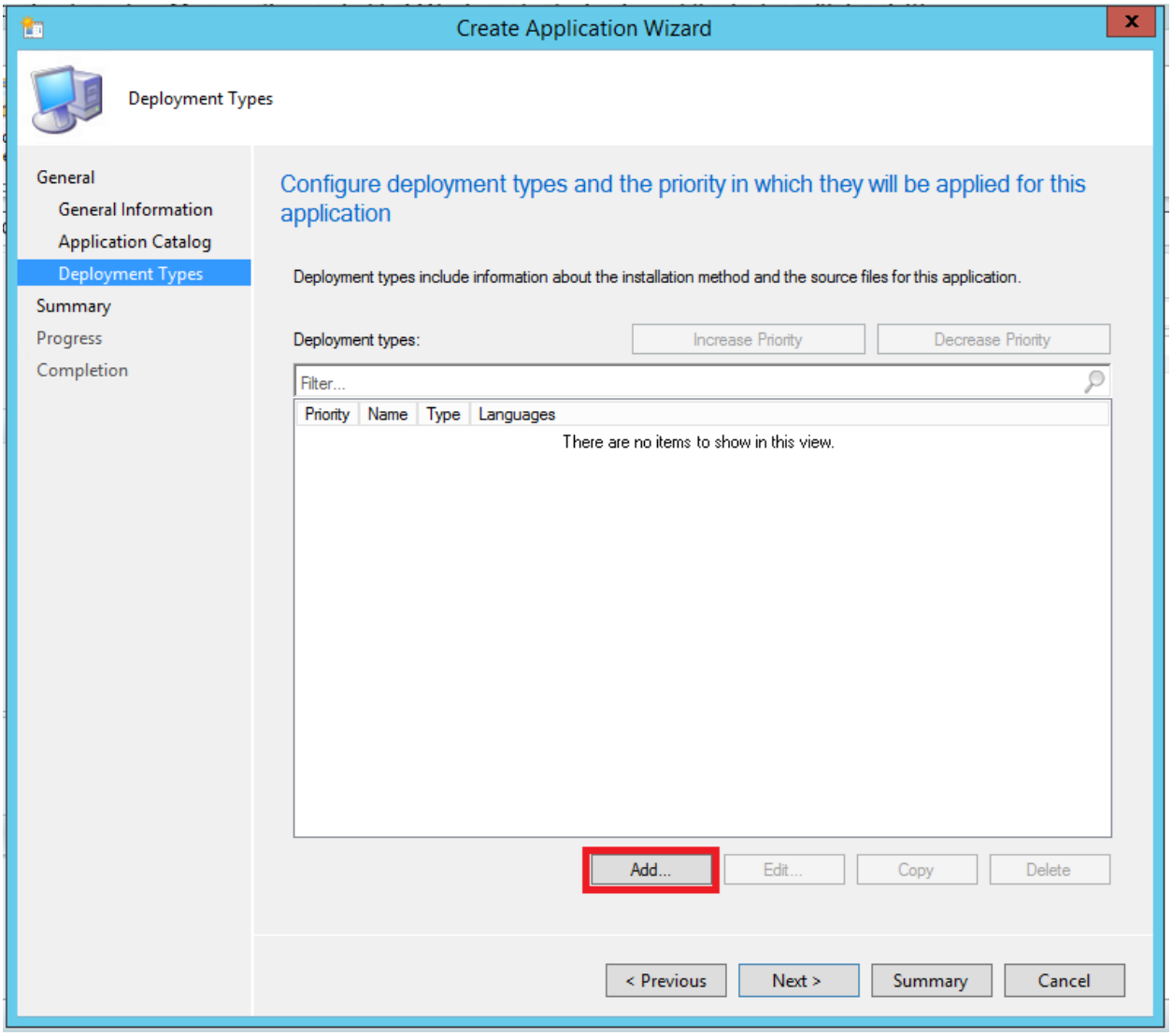
Create a SCCM Application to deploy the Microsoft Prerequisite software to the computers in your environment. Press the “Create Application” button on the SCCM Console ribbon bar when you have the Software Library->Application Management->Applications->secRMM clicked.

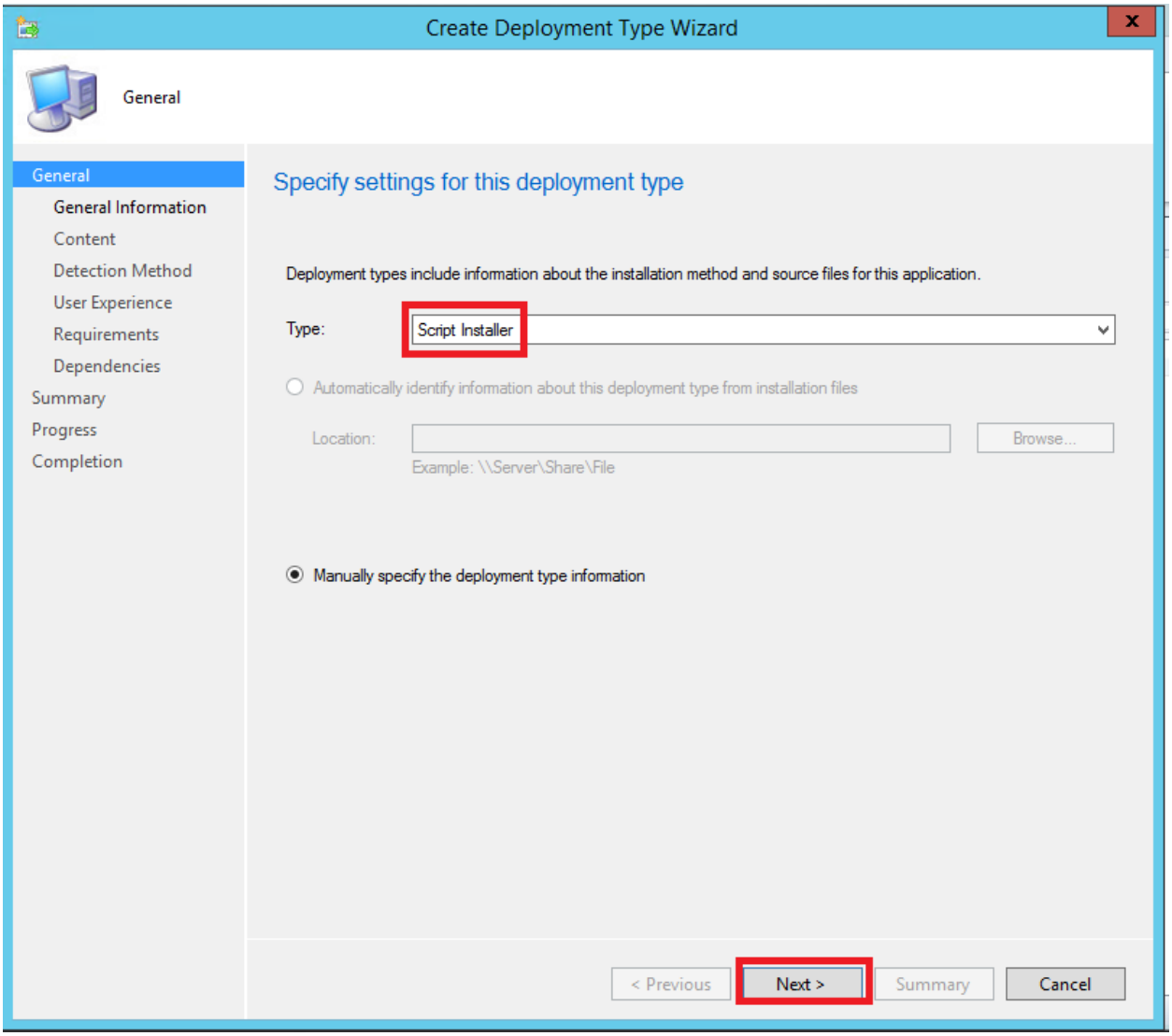
The “Create Application Wizard” will display. Select the “Manually specify the application installation” and click the Next button.

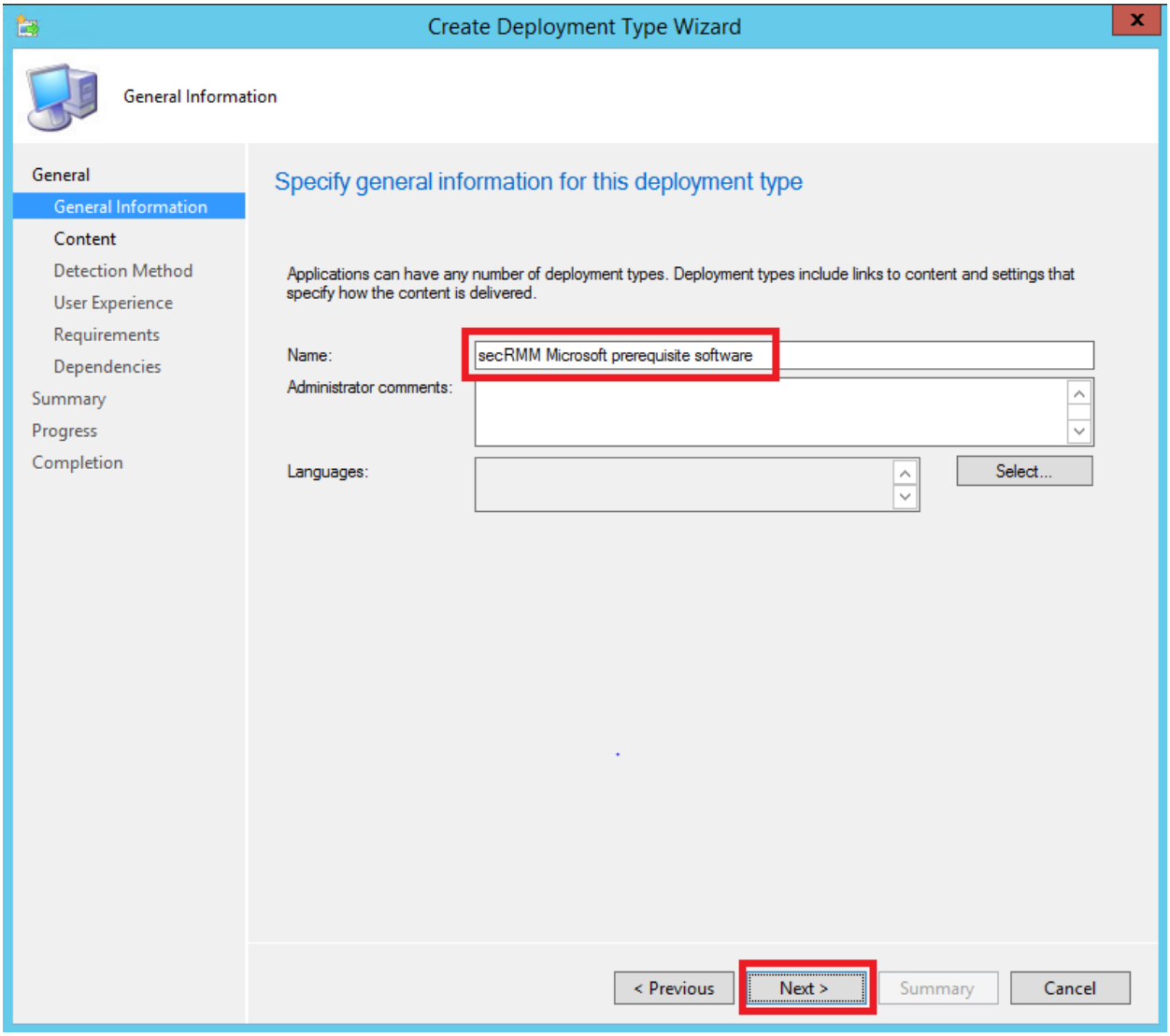

Create Application Wizard
General
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Specify settings for this application
Applications contain software that you can deploy to users and devices in your Configuration Manager environment. Applications can contain multiple deployment types that customize the installation behavior of the application.
Automatically detect information about this application from installation files:
Type:
Windows Installer (*.msi file)
Location:
Browse...
Example: \\Server\Share\File
Manually specify the application information
< Previous
Next >
Summary
Cancel

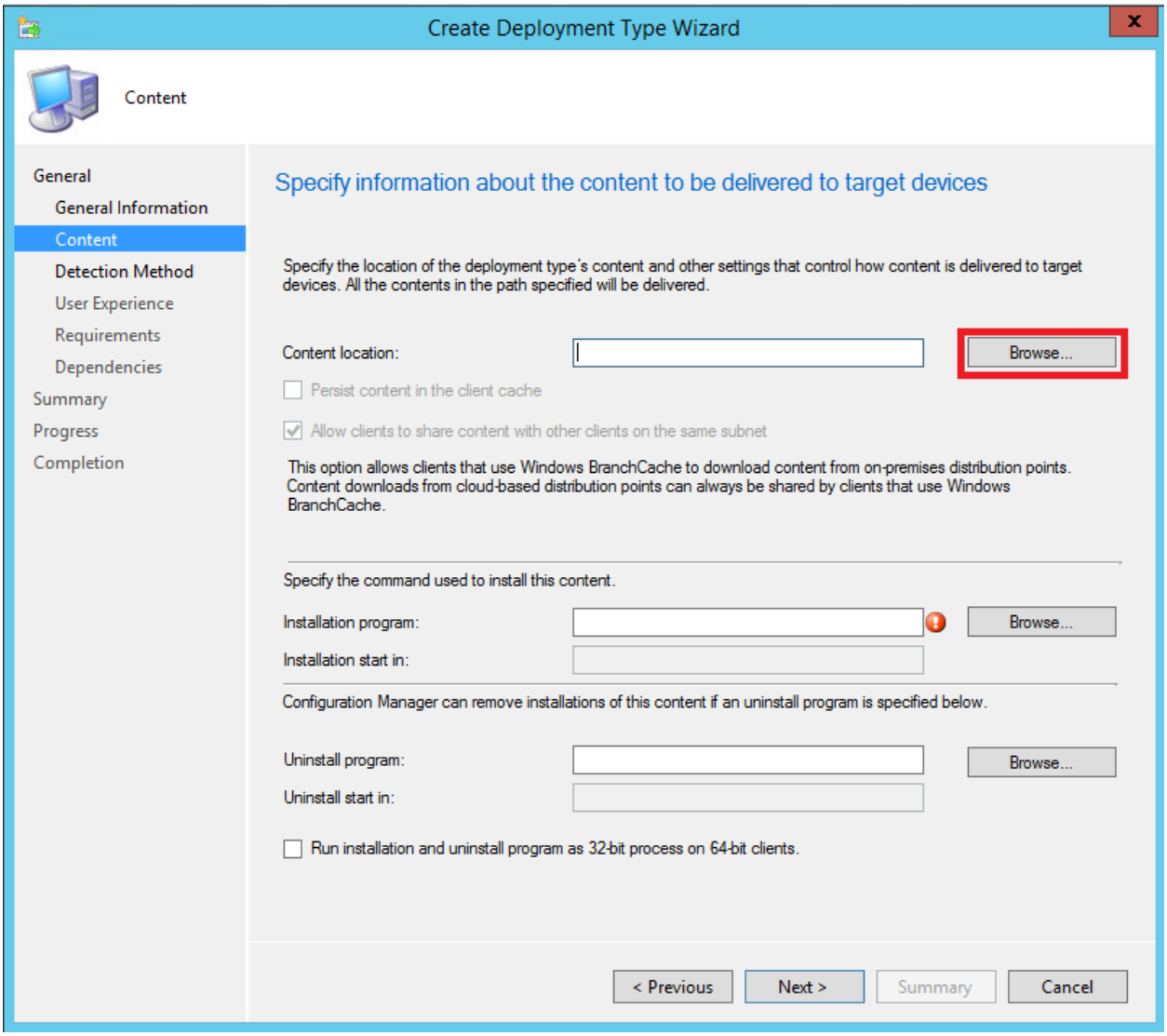

Create Application Wizard
General Information
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Specify information about this application
Name:
secRMM Microsoft prerequisite software
Administrator comments:
Publisher:
Microsoft
Software version:
Optional reference:
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

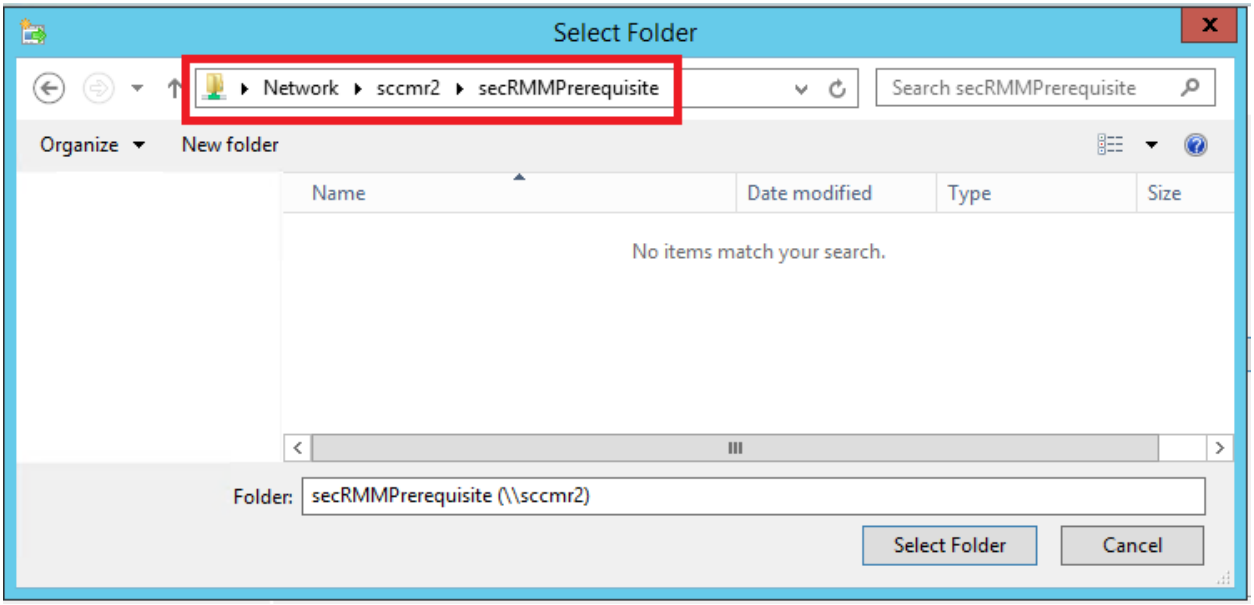

Create Application Wizard
Application Catalog
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Specify the Configuration Manager Application Catalog entry
Specify information about how you want to display this application to users when they browse the Application 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

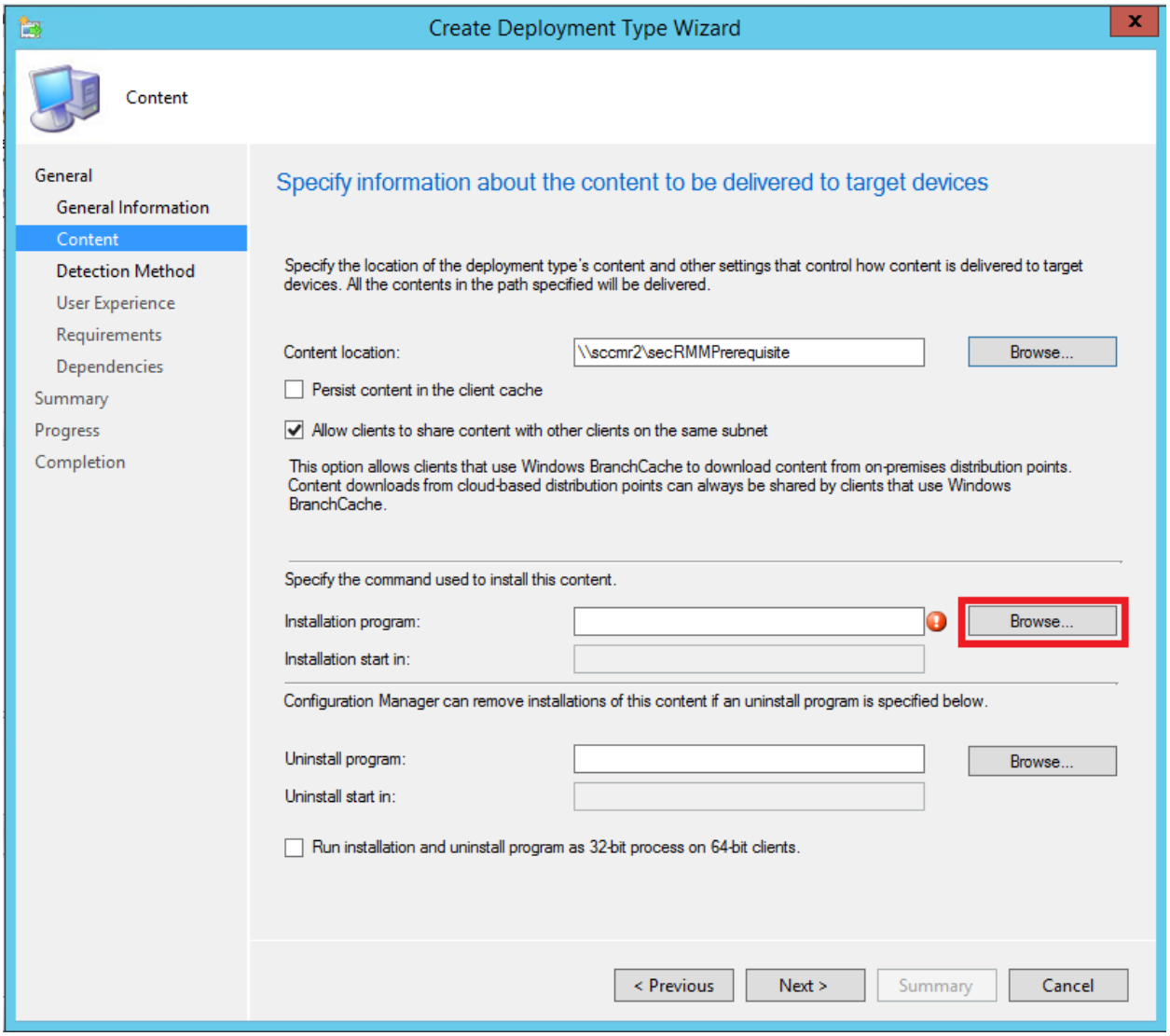

Create Application Wizard
Deployment Types
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Configure deployment types and the priority in which they will be applied for this application
Deployment types include information about the installation method and the source files for this application.
Deployment types:
Increase Priority
Decrease Priority
Filter...
Priority
Name
Type
Languages
There are no items to show in this view.
Add...
Edit...
Copy
Delete
< Previous
Next >
Summary
Cancel

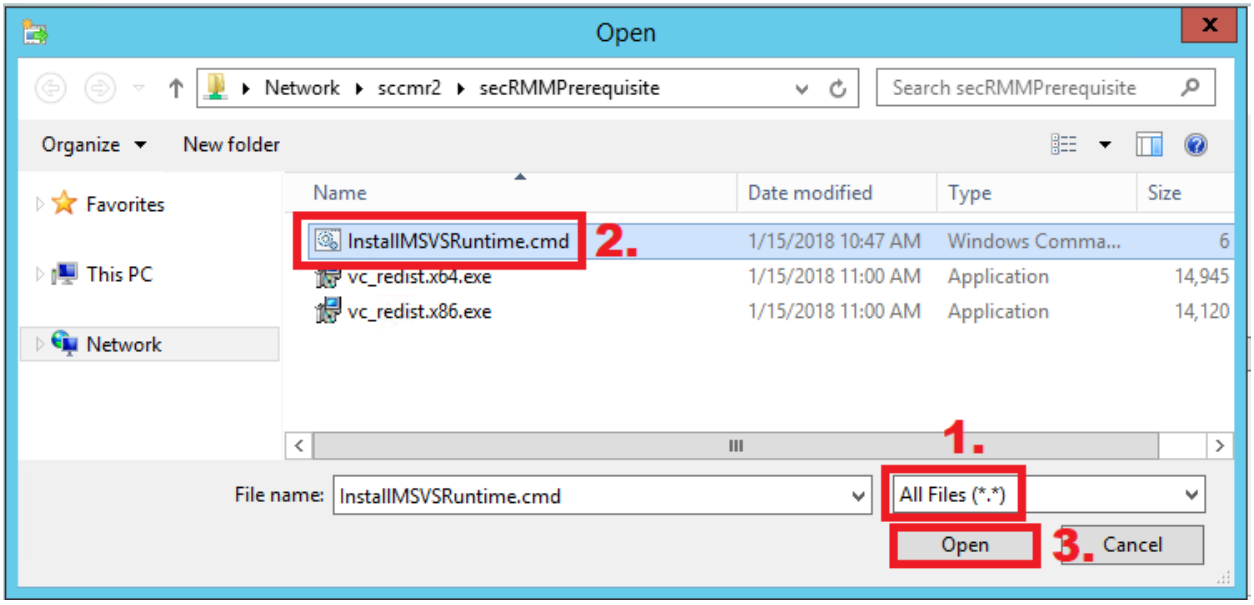

Create Deployment Type Wizard
General
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify settings for this deployment type
Deployment types include information about the installation method and source files for this application.
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

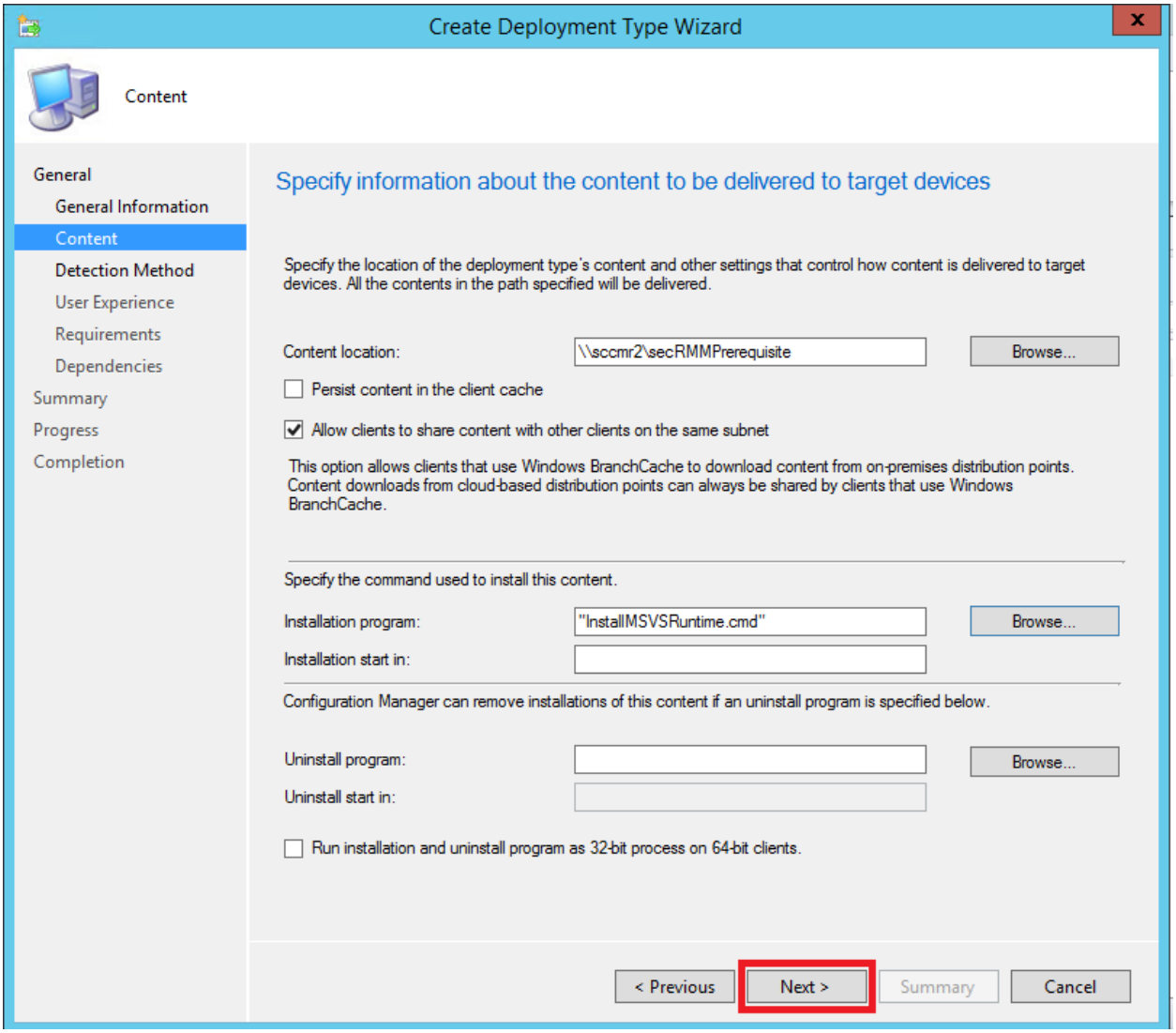

Create Deployment Type Wizard
General Information
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify general information for this deployment type
Applications can have any number of deployment types. Deployment types include 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

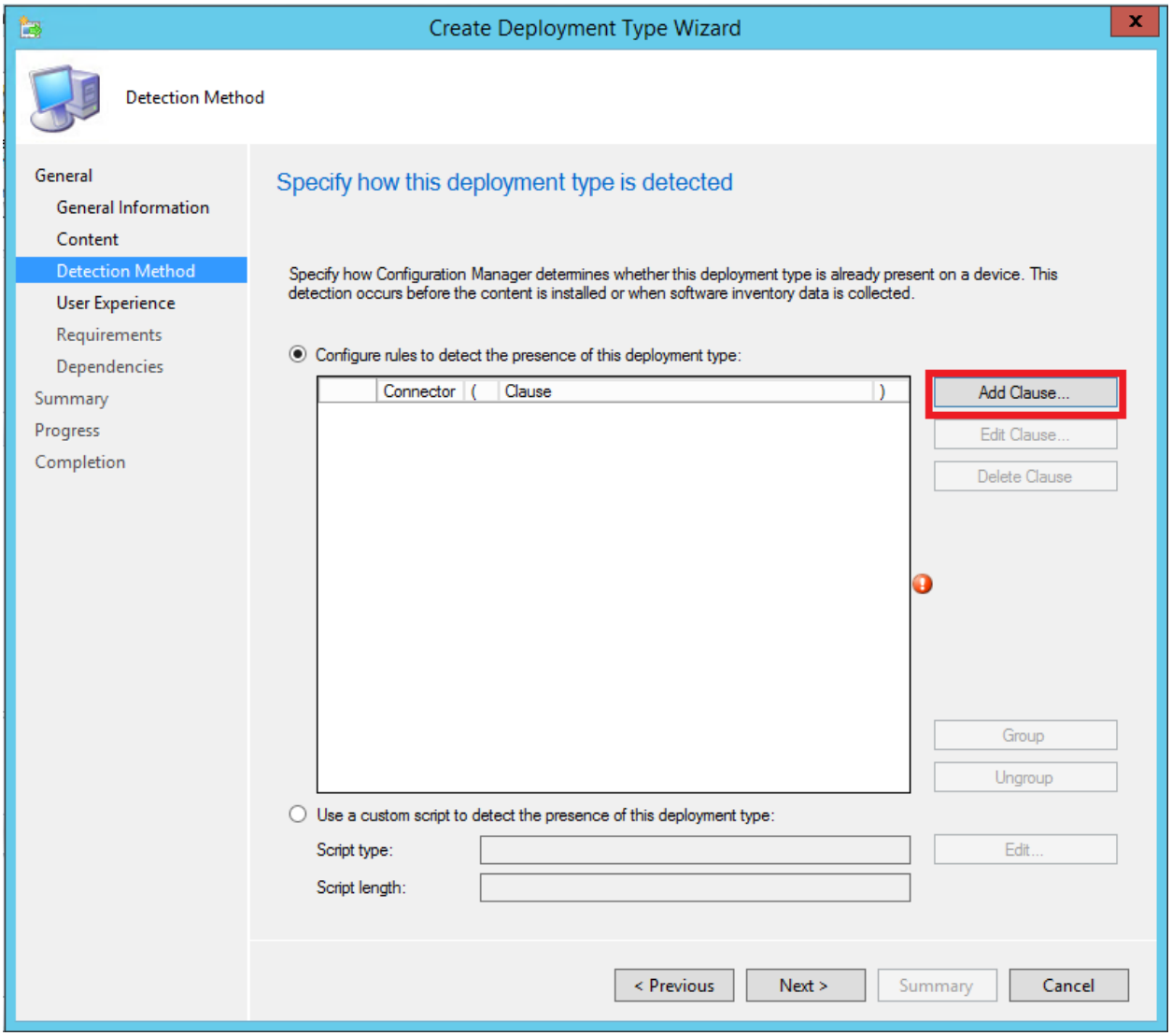

Create Deployment Type Wizard
Content
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify information about the content to be delivered to target devices
Specify the location of the deployment type's content and other settings 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


Select Folder
Network ▸ sccmr2 ▸ secRMMPrerequisite
Search secRMMPrerequisite
Organize
New folder
Name
Date modified
Type
Size
No items match your search.
Folder:
secRMMPrerequisite (\\sccmr2)
Select Folder
Cancel

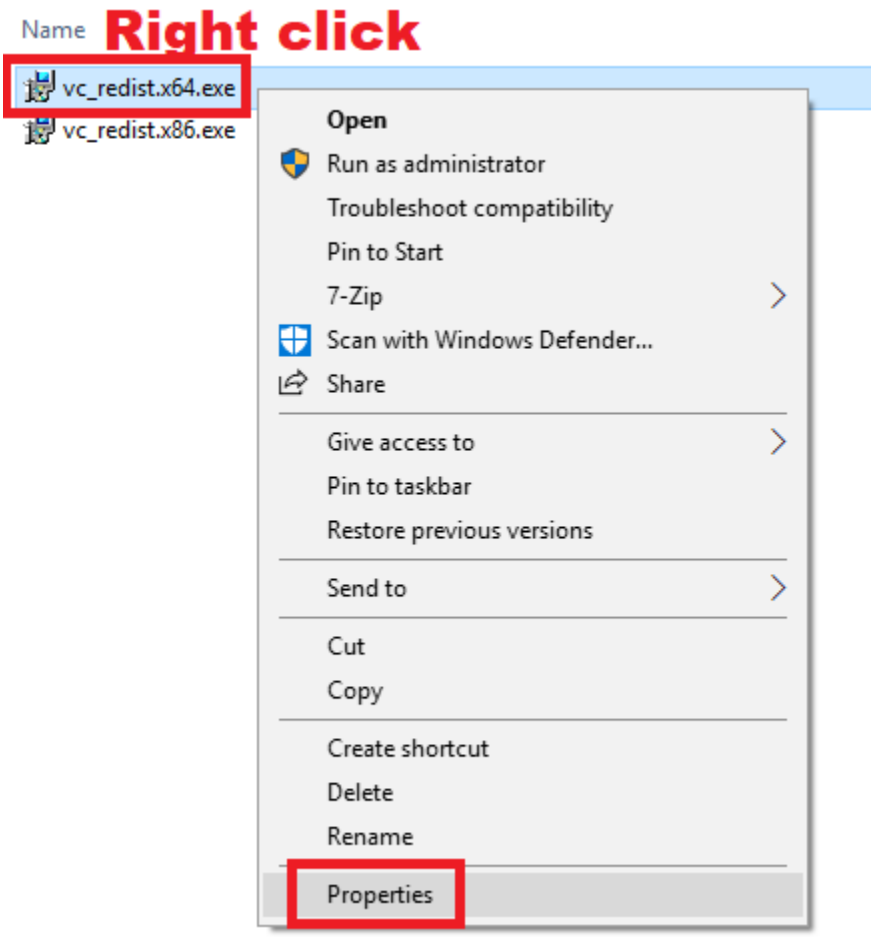

Create Deployment Type Wizard
Content
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify information about the content to be delivered to target devices
Specify the location of the deployment type's content and other settings 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:
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

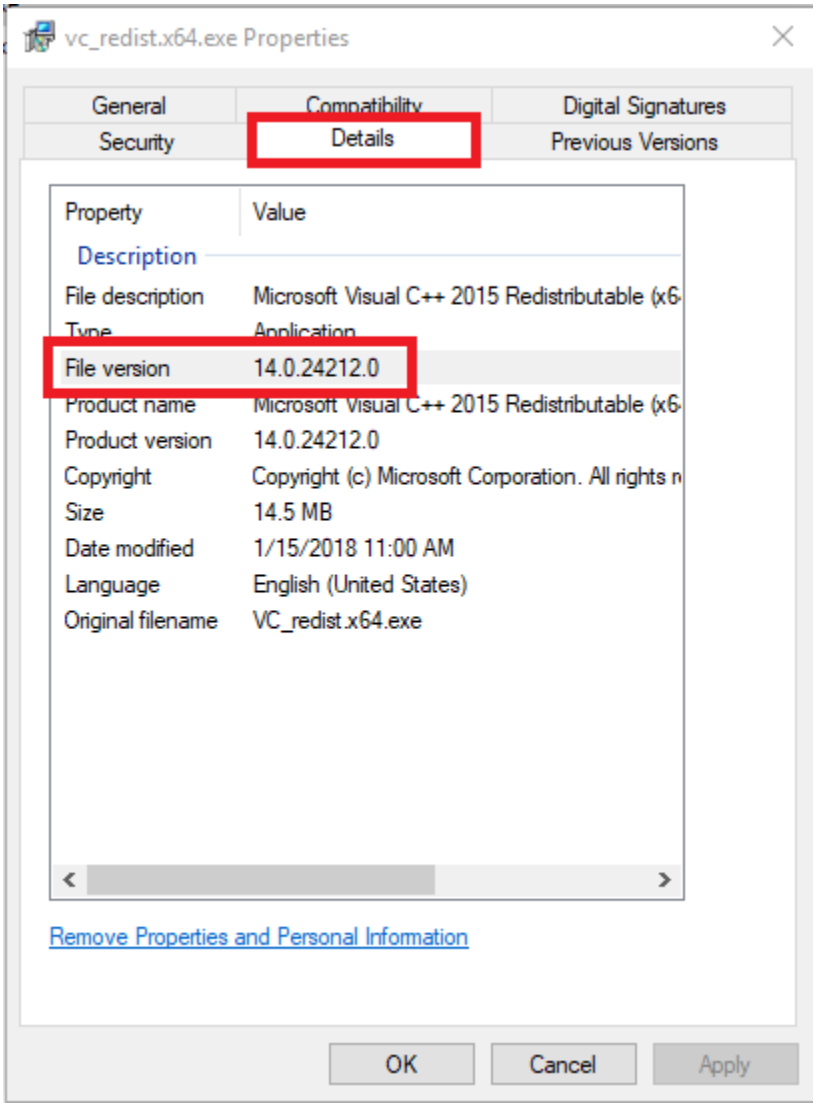

Open
Network ▸ sccmr2 ▸ secRMMPrerequisite
Search secRMMPrerequisite
Organize
New folder
Favorites
This PC
Network
Name
Date modified
Type
Size
InstallMSVSRuntime.cmd
1/15/2018 10:47 AM
Windows Comma...
6
vc_redist.x64.exe
1/15/2018 11:00 AM
Application
14,945
vc_redist.x86.exe
1/15/2018 11:00 AM
Application
14,120
2.
1.
File name:
InstallMSVSRuntime.cmd
All Files (*.*)
Open
3.
Cancel

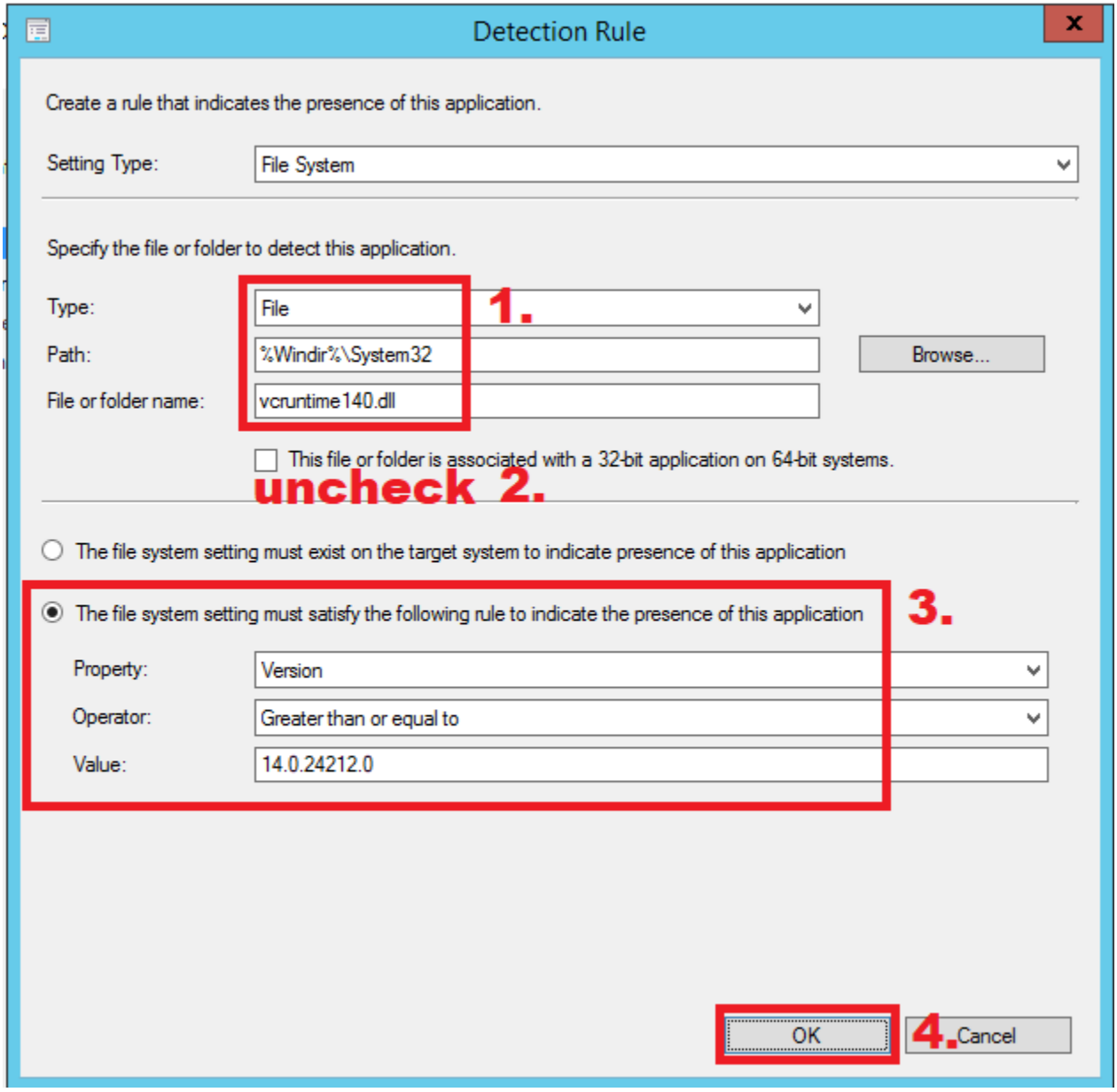

Create Deployment Type Wizard
Content
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify information about the content to be delivered to target devices
Specify the location of the deployment type's content and other settings 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

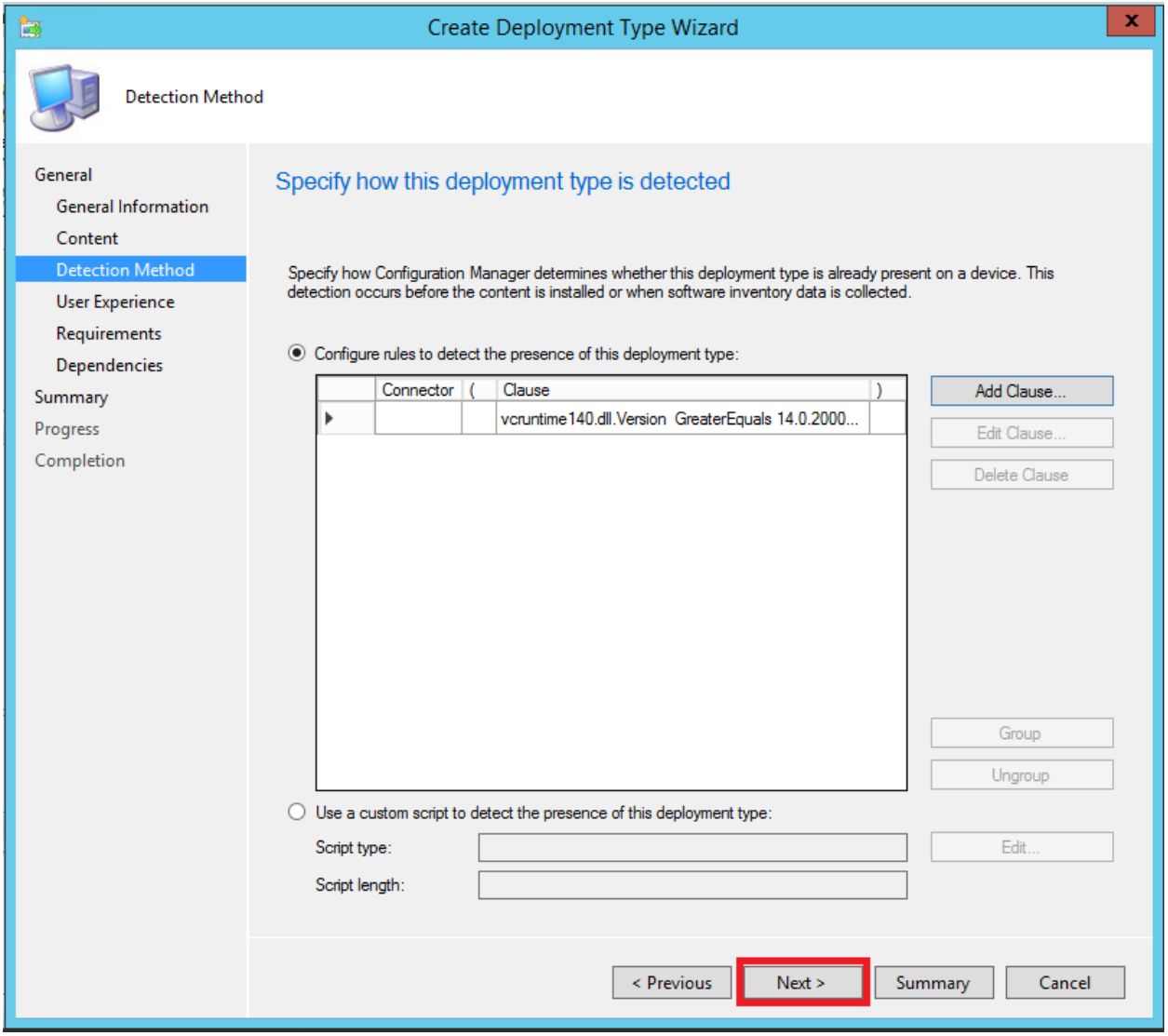


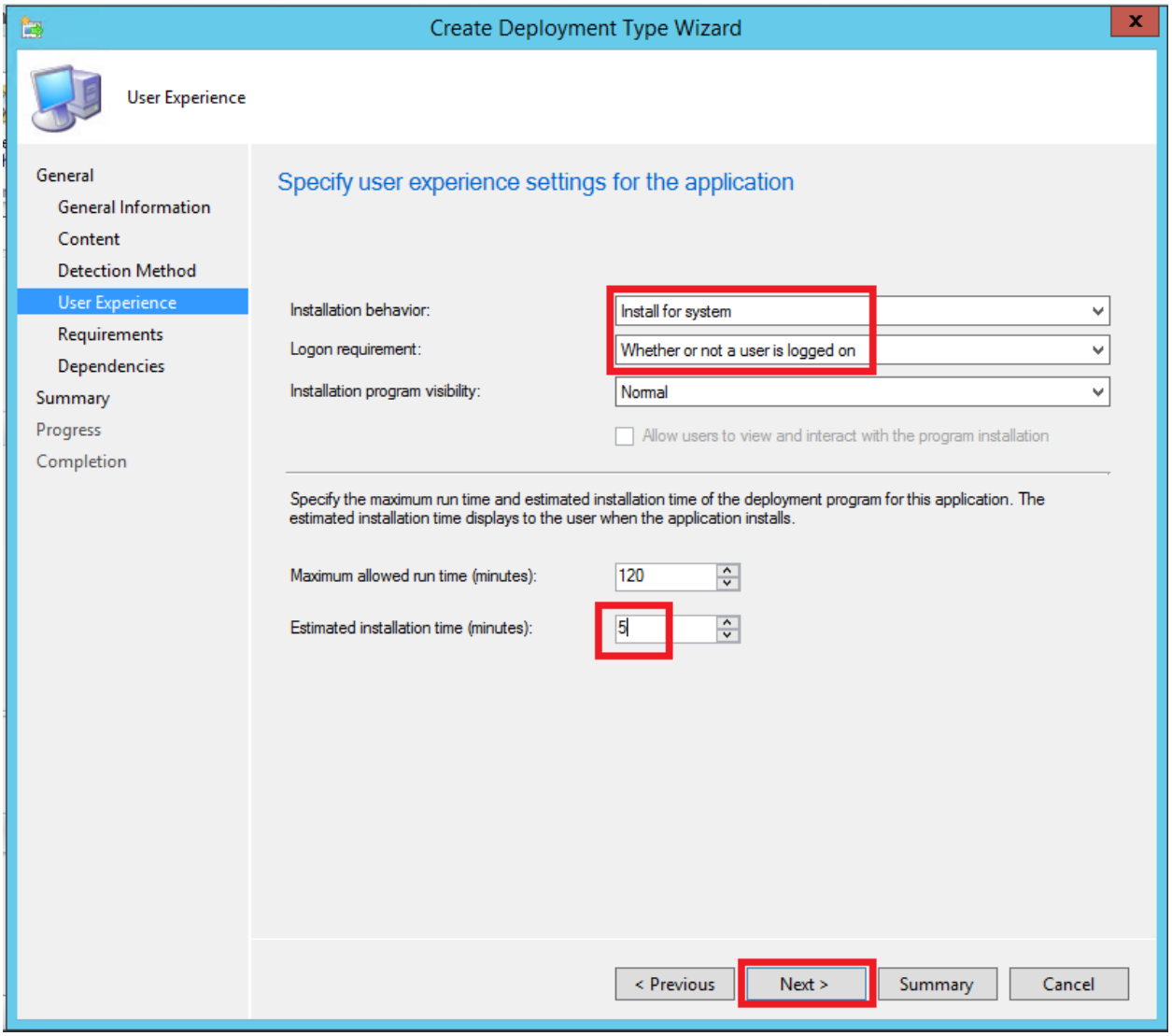
The "Detection Rule" dialog (screenshot directly below) tells SCCM how it should know that this SCCM Application has been run on the SCCM client computer. Notice we have clicked the radio button with the associated text of "*The file system setting must satisfy the following rule to indicate the presence 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.

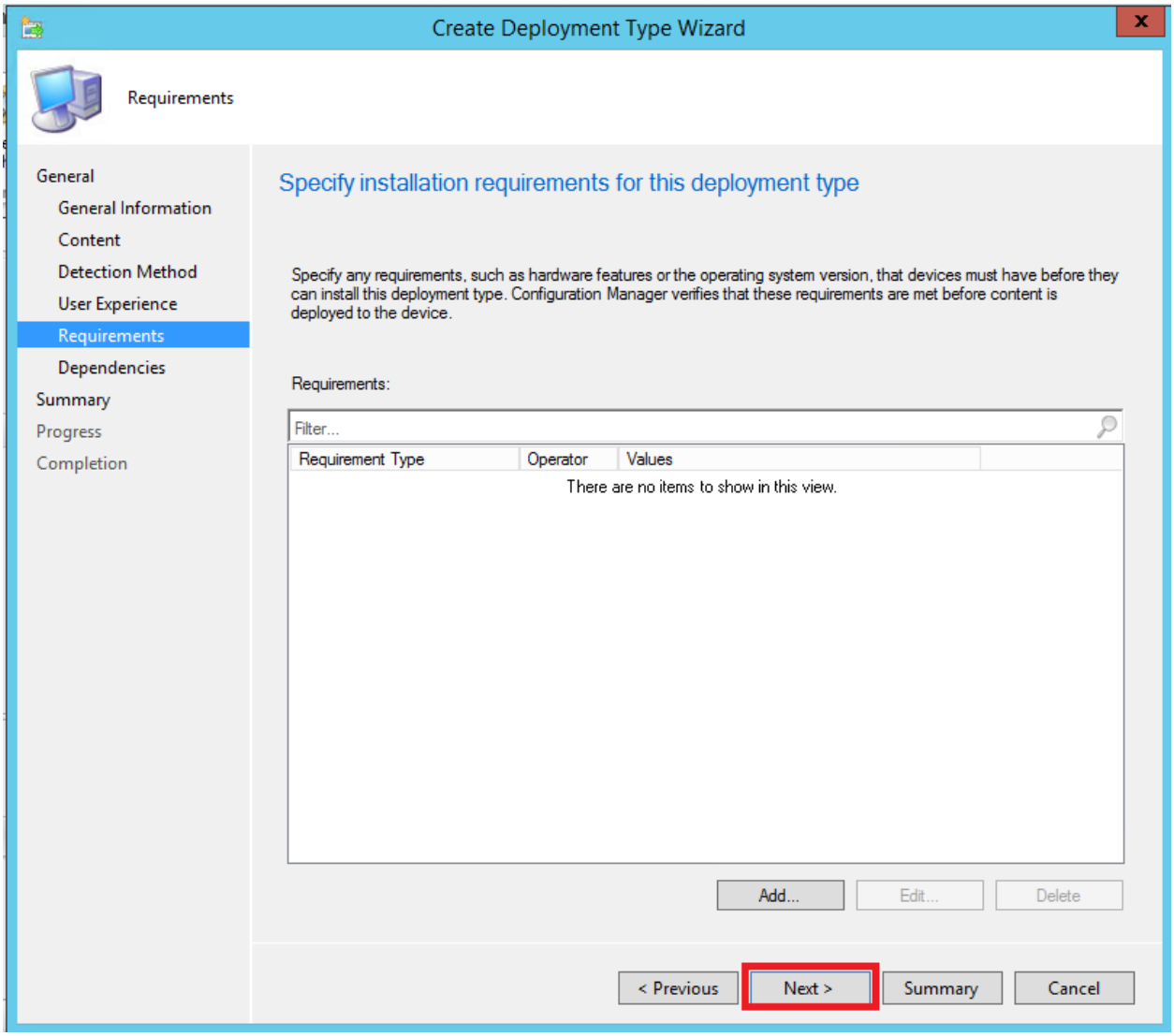

Name
Right click
vc_redist.x64.exe
vc_redist.x86.exe
Open
Run as administrator
Troubleshoot compatibility
Pin to Start
7-Zip
Scan with Windows Defender...
Share
Give access to
Pin to taskbar
Restore previous versions
Send to
Cut
Copy
Create shortcut
Delete
Rename
Properties

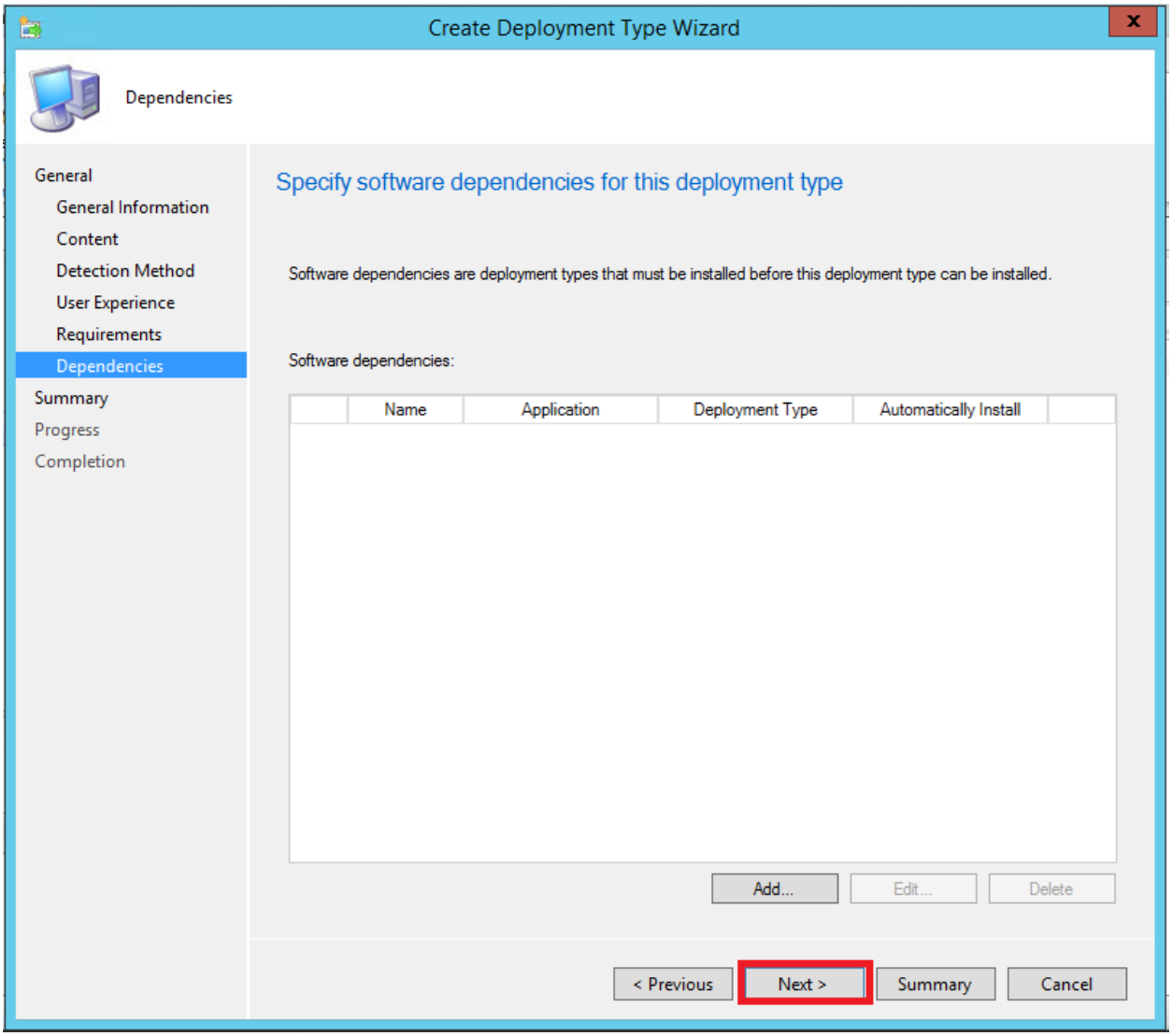

vc_redist.x64.exe Properties
General
Compatibility
Digital Signatures
Security
Details
Previous Versions
Property
Value
Description
File description
Microsoft Visual C++ 2015 Redistributable (x6
Type
Application
File version
14.0.24212.0
Product name
Microsoft Visual C++ 2015 Redistributable (x6
Product version
14.0.24212.0
Copyright
Copyright (c) Microsoft Corporation. All rights r
Size
14.5 MB
Date modified
1/15/2018 11:00 AM
Language
English (United States)
Original filename
VC_redist.x64.exe
Remove Properties and Personal Information
OK
Cancel
Apply

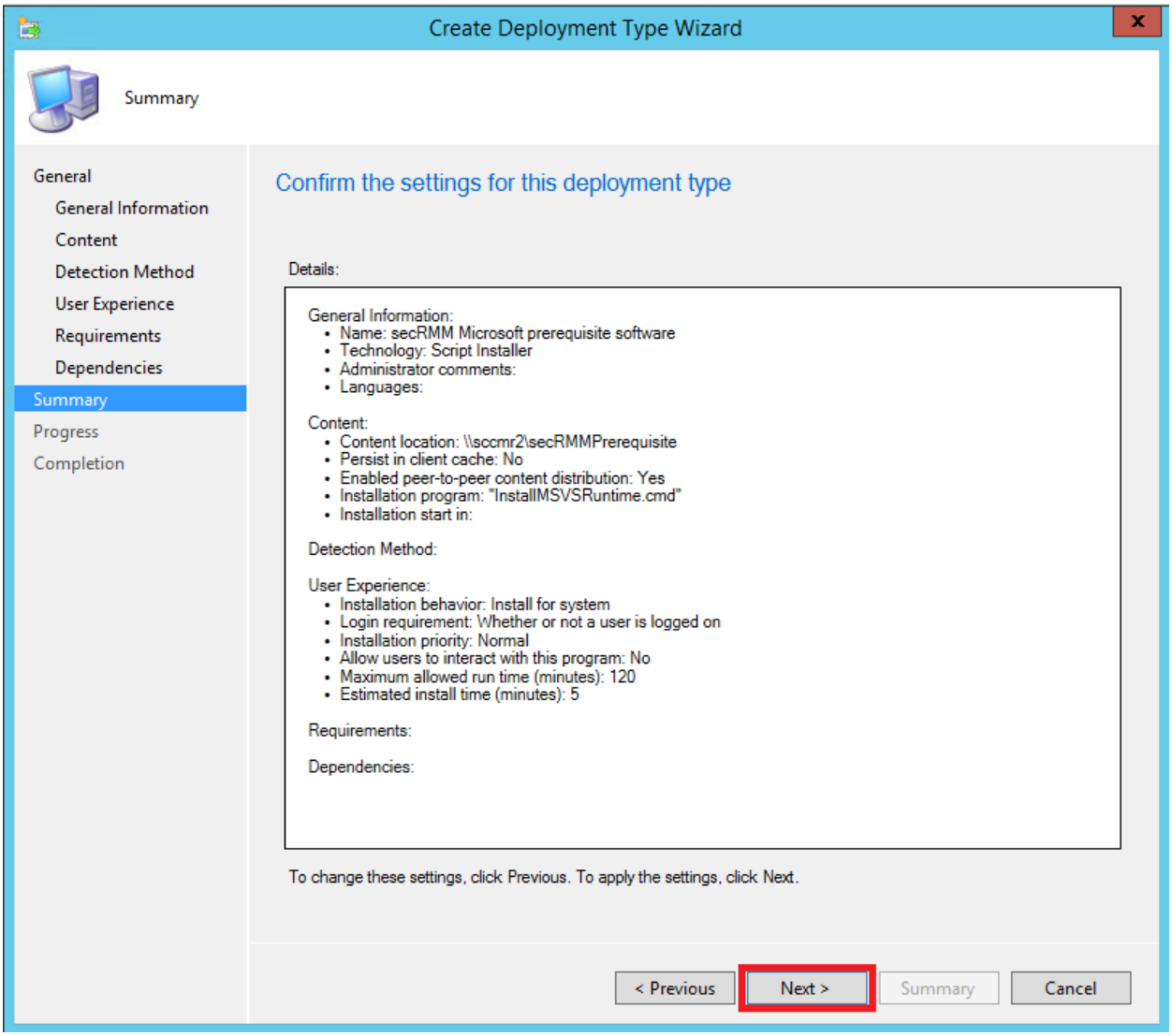

Detection Rule
Create a rule that indicates the presence of this application.
Setting Type:
File System
Specify the file or folder to detect this application.
Type:
File
1.
Path:
%Windir%\System32
Browse...
File or folder name:
vcruntime140.dll
This file or folder is associated with a 32-bit application 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
OK
4.
Cancel

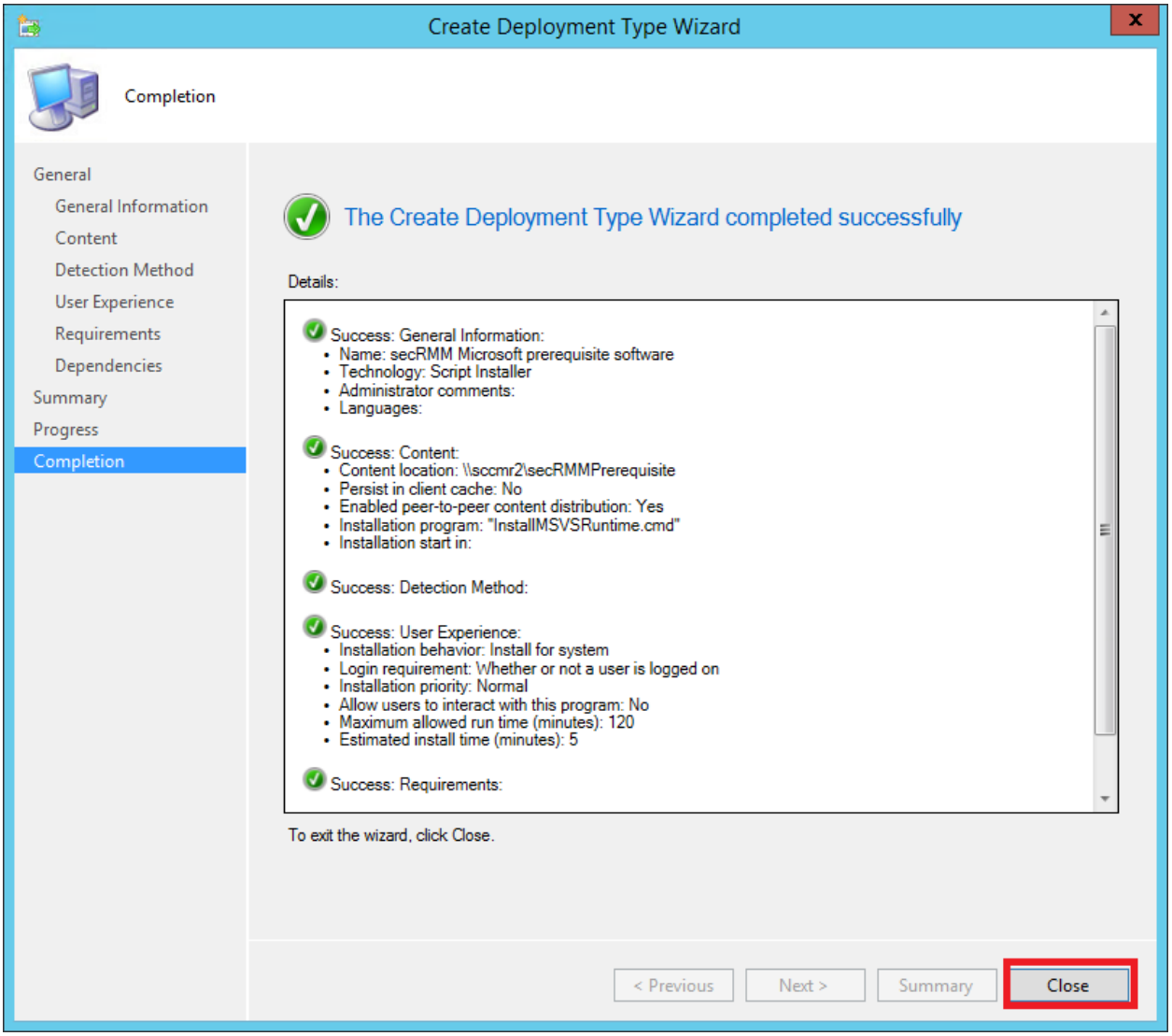

Create Deployment Type Wizard
Detection Method
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify how this deployment type is detected
Specify how Configuration Manager determines whether this deployment type is already present 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

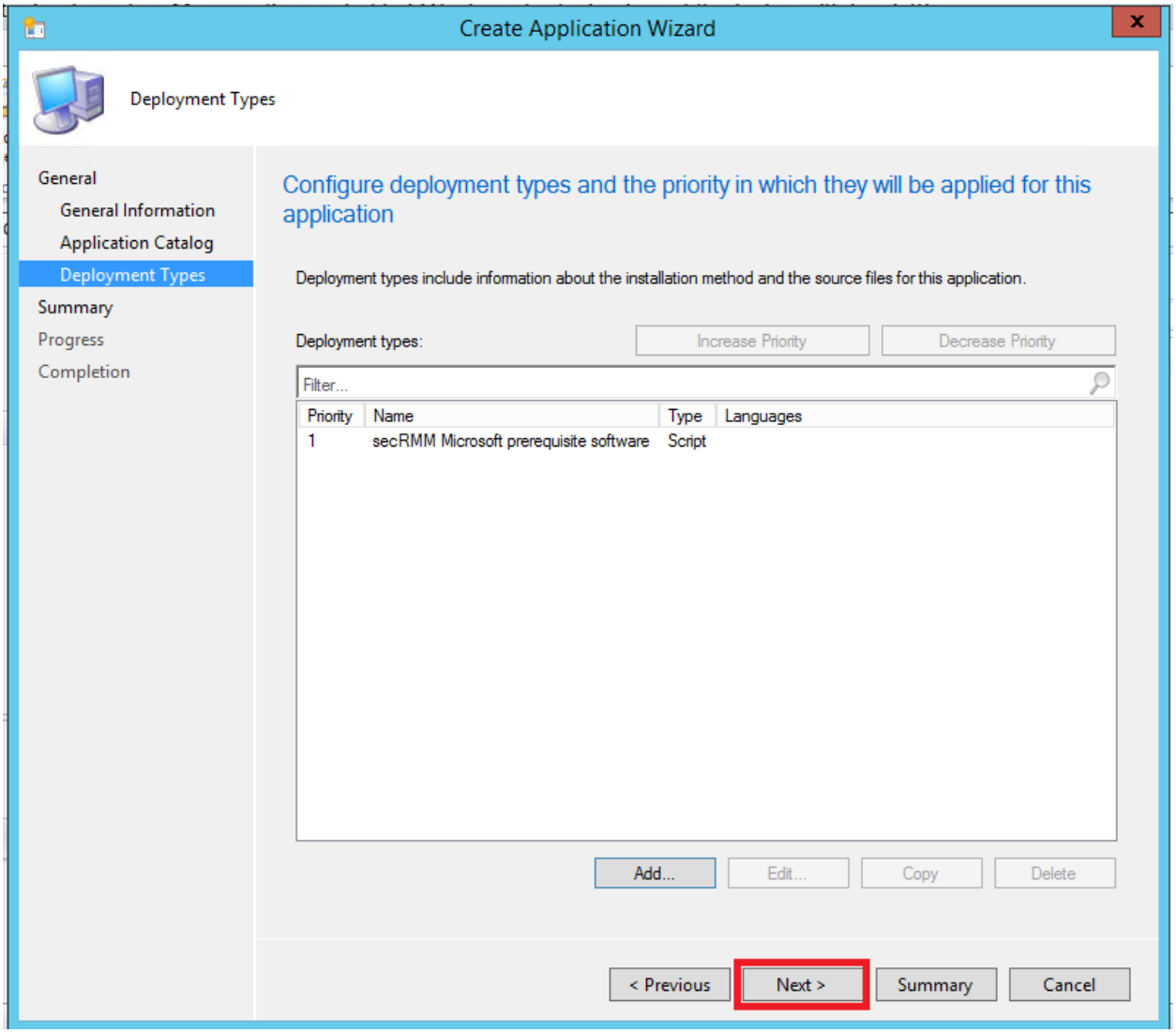

Create Deployment Type Wizard
User Experience
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify user experience settings for the application
Installation behavior:
Install for system
Logon requirement:
Whether or not a user 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

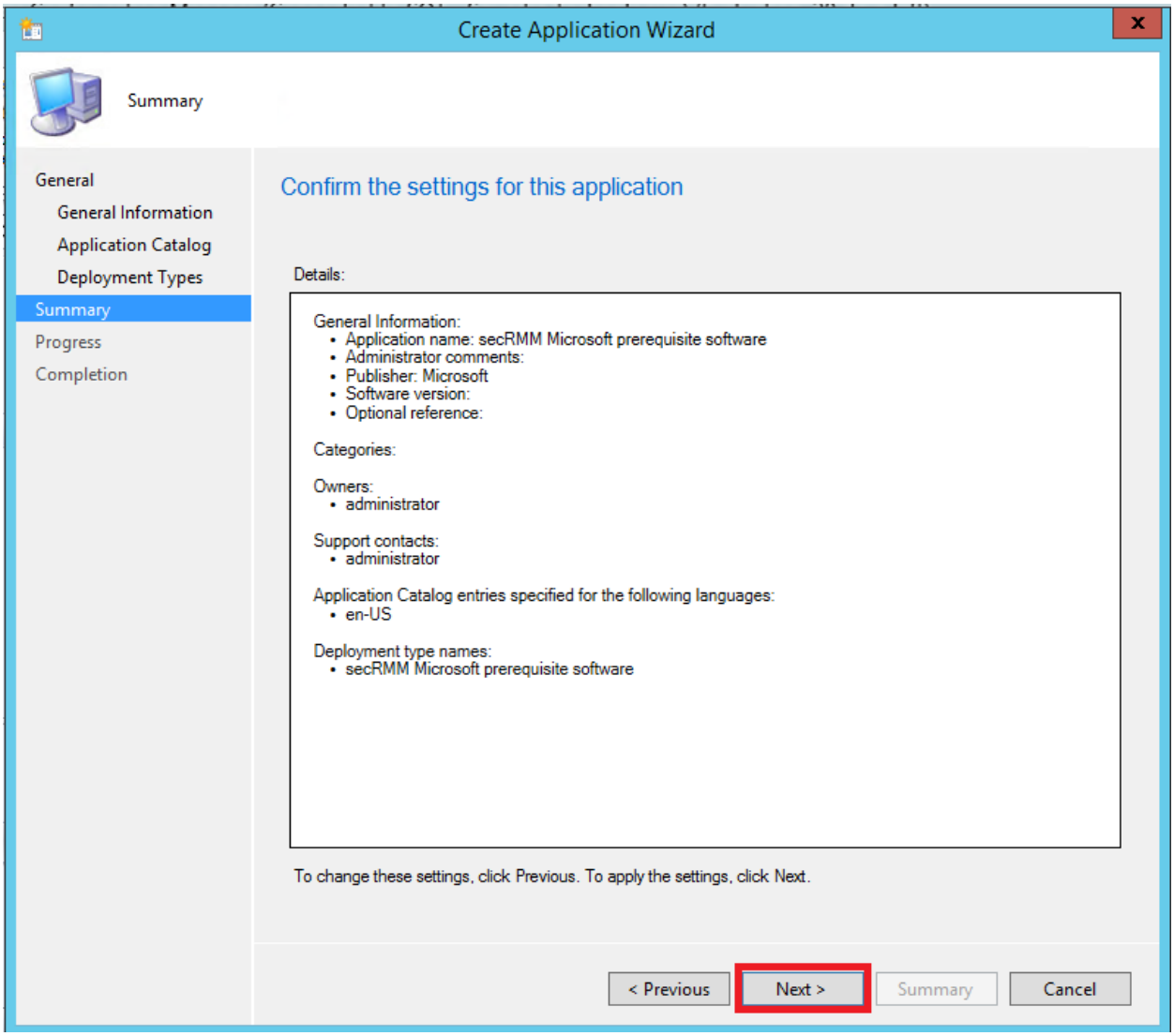

Create Deployment Type Wizard
Requirements
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify installation requirements for this deployment type
Specify any requirements, such as hardware features or the operating system 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

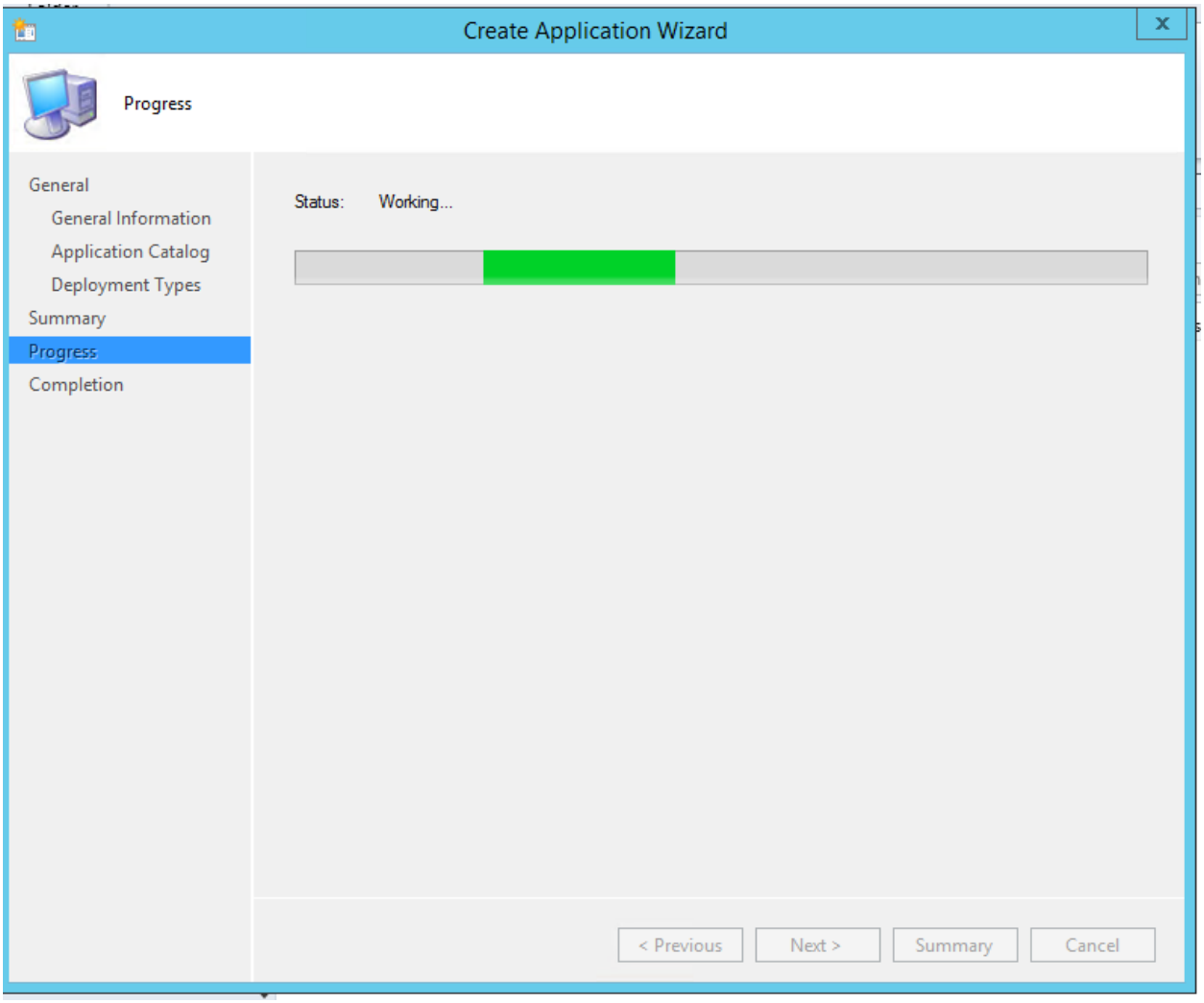

Create Deployment Type Wizard
Dependencies
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Specify software dependencies for this deployment type
Software dependencies are deployment types that must be installed before this deployment type can be installed.
Software dependencies:
Name
Application
Deployment Type
Automatically Install
Add...
Edit...
Delete
< Previous
Next >
Summary
Cancel

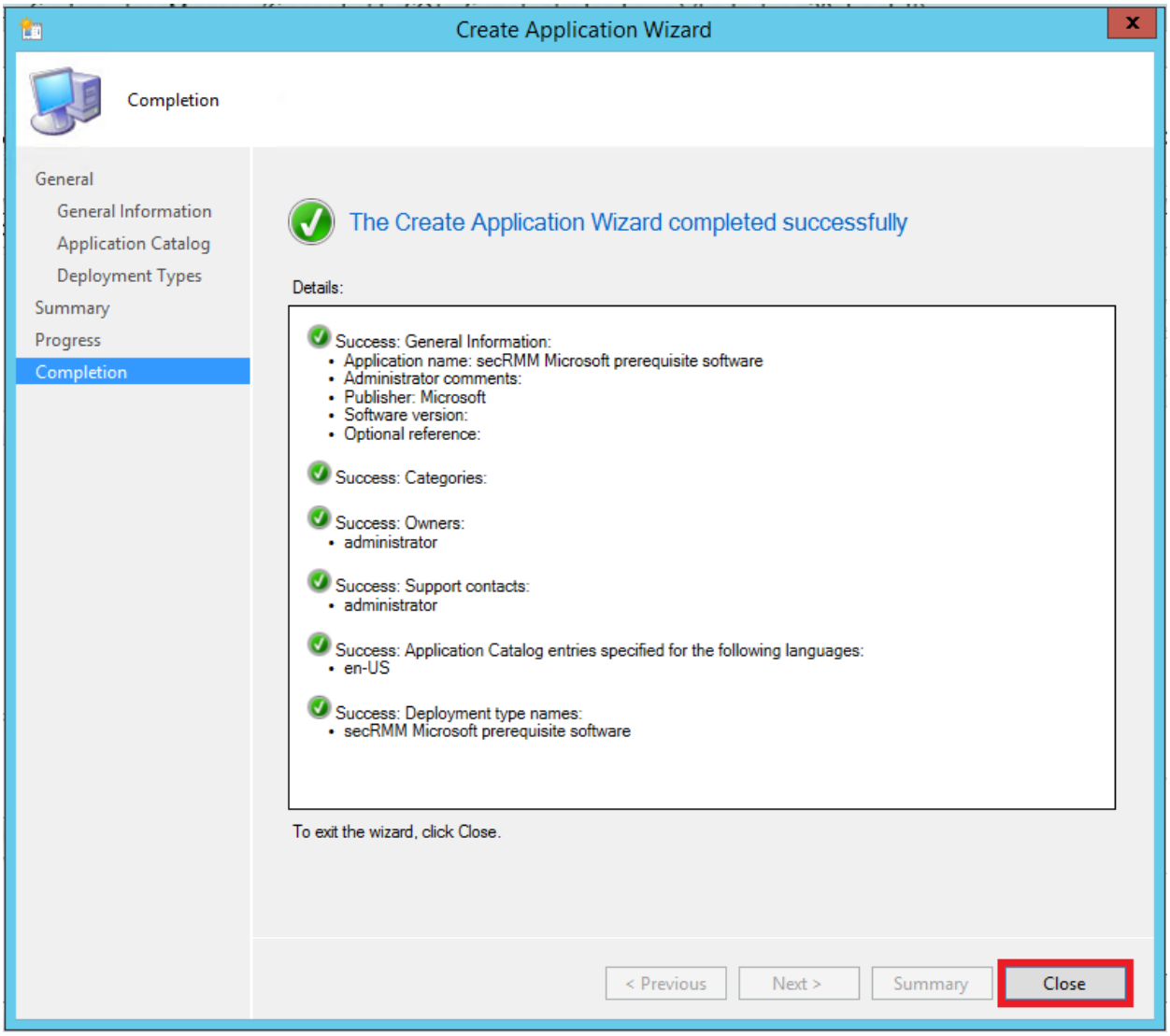

Create Deployment Type Wizard
Summary
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
Confirm the settings for this deployment type
Details:
General Information:
Name: secRMM Microsoft prerequisite software
Technology: Script Installer
Administrator comments:
Languages:
Content:
Content location: \\sccmr2\secRMMPrerequisite
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:
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel


Create Deployment Type Wizard
Completion
General
General Information
Content
Detection Method
User Experience
Requirements
Dependencies
Summary
Progress
Completion
The Create Deployment Type Wizard completed successfully
Details:
Success: General Information:
Name: secRMM Microsoft prerequisite software
Technology: Script Installer
Administrator comments:
Languages:
Success: Content:
Content location: \\sccmr2\secRMMPrerequisite
Persist in client cache: No
Enabled peer-to-peer content distribution: Yes
Installation program: "InstallMSVSRuntime.cmd"
Installation start in:
Success: Detection Method:
Success: 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
Success: Requirements:
To exit the wizard, click Close.
< Previous
Next >
Summary
Close


Create Application Wizard
Deployment Types
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Configure deployment types and the priority in which they will be applied for this application
Deployment types include information about the installation method and the source files for this application.
Deployment types:
Increase Priority
Decrease Priority
Filter...
Priority
Name
Type
Languages
1
secRMM Microsoft prerequisite software
Script
Add...
Edit...
Copy
Delete
< Previous
Next >
Summary
Cancel

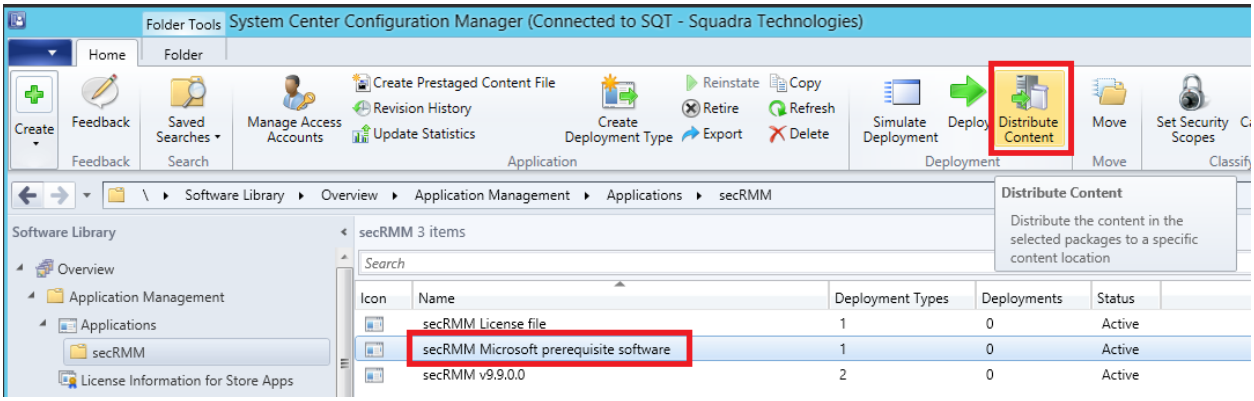

Create Application Wizard
Summary
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Confirm the settings for this application
Details:
General Information:
Application name: secRMM Microsoft prerequisite software
Administrator comments:
Publisher: Microsoft
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

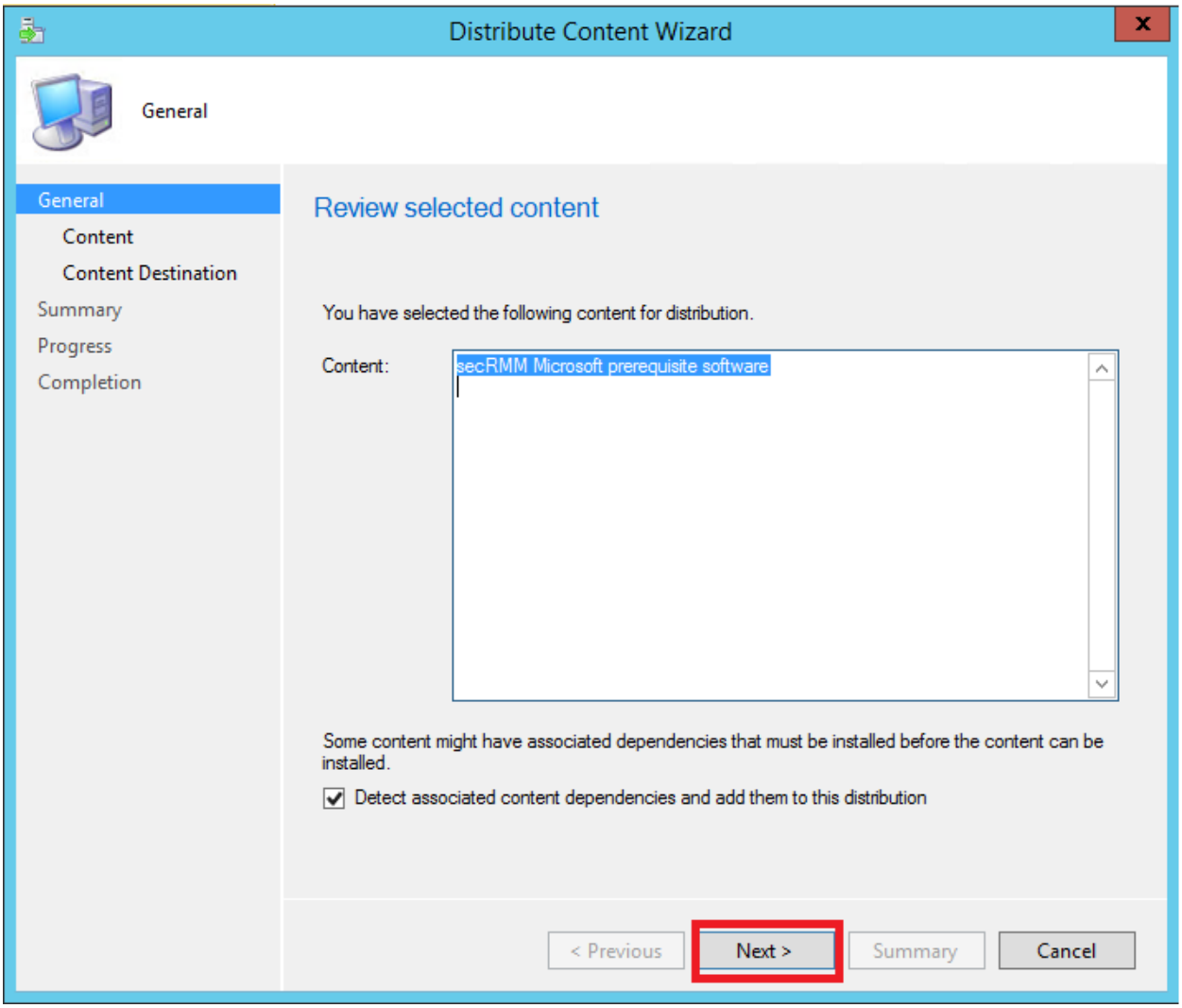

Create Application Wizard
Progress
General
General Information
Application Catalog
Deployment Types
Summary
Progress
Completion
Status: Working...
< Previous
Next >
Summary
Cancel

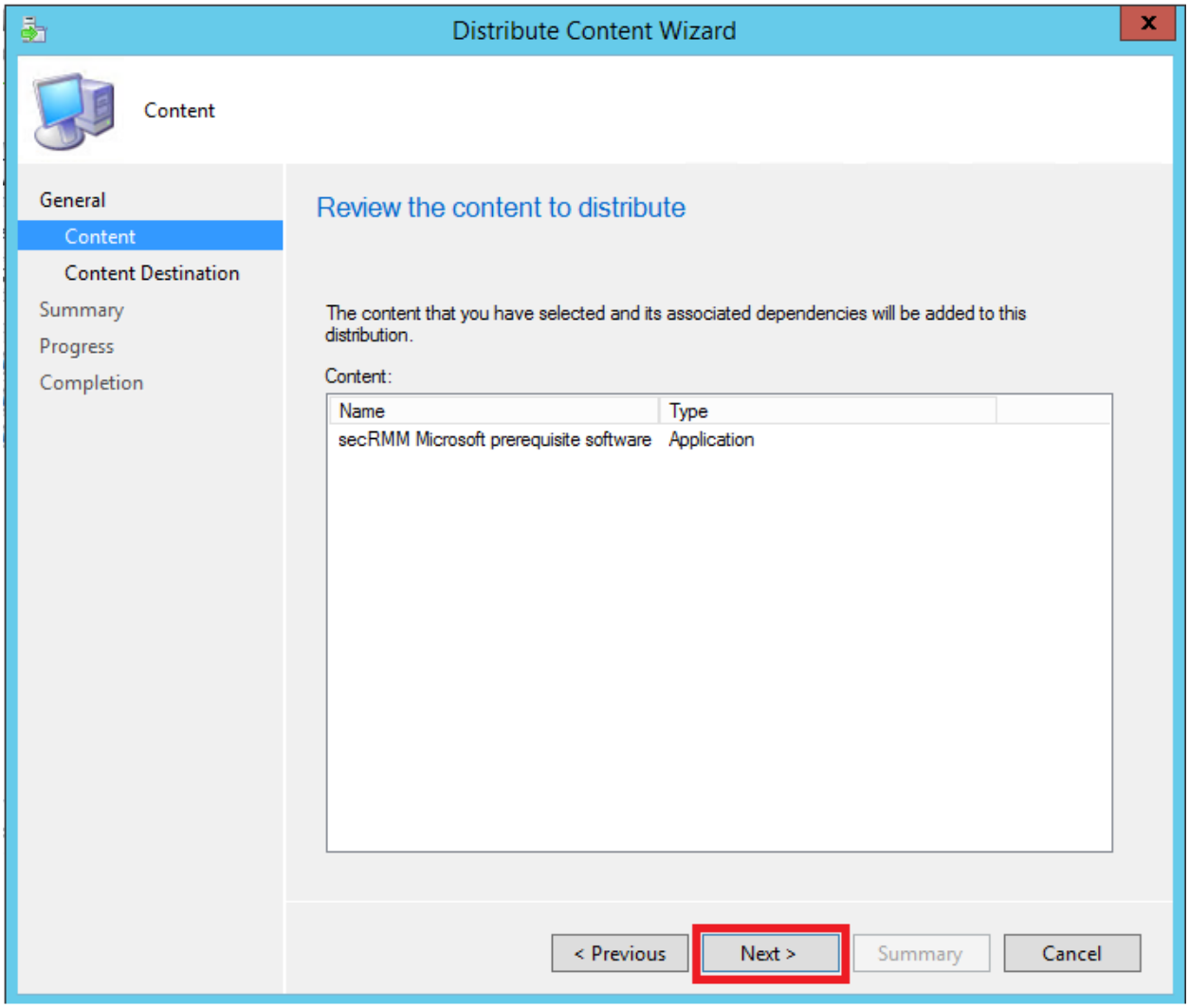


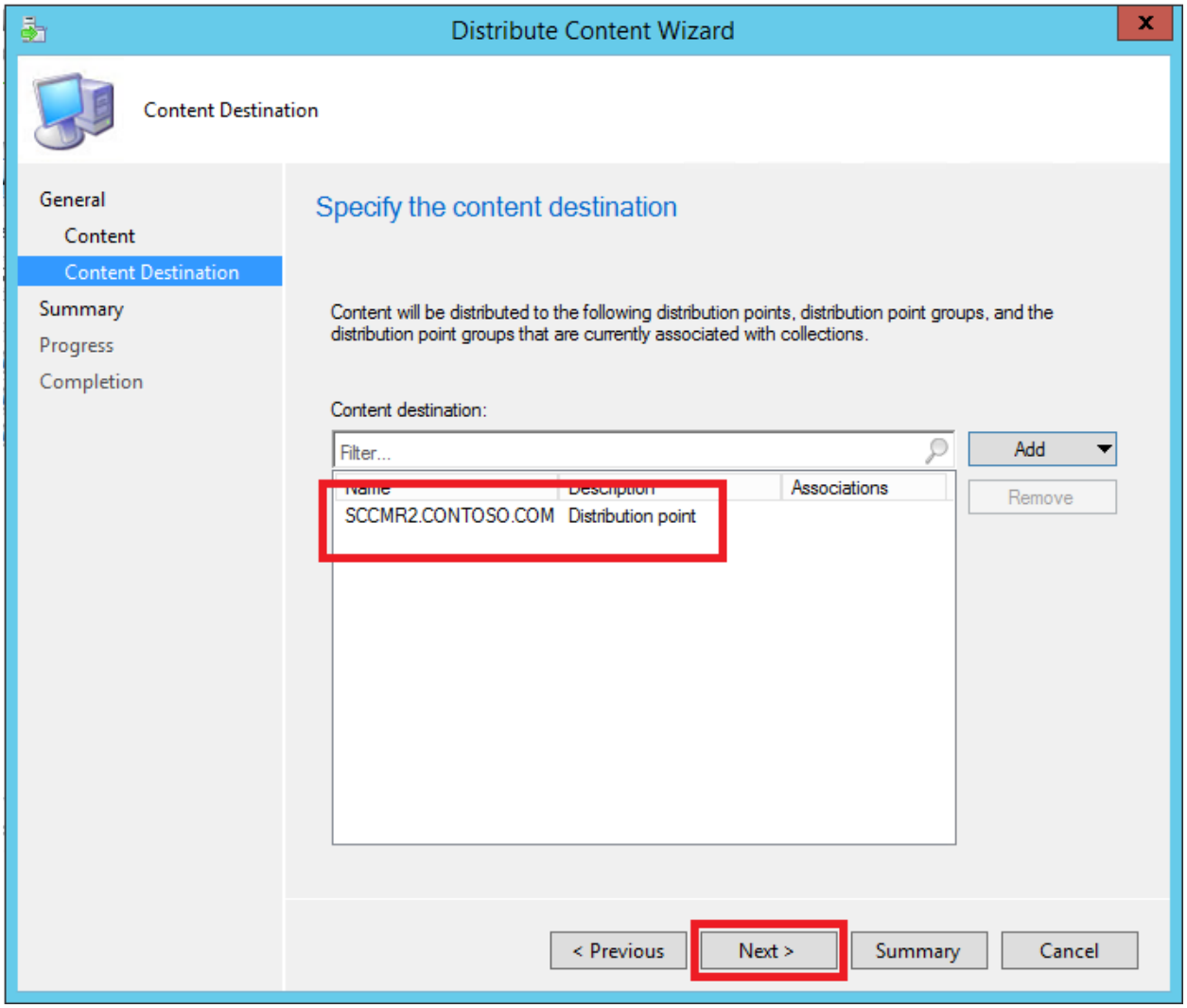
Distribute the secRMM Microsoft prerequisite software content to SCCM Distribution Points

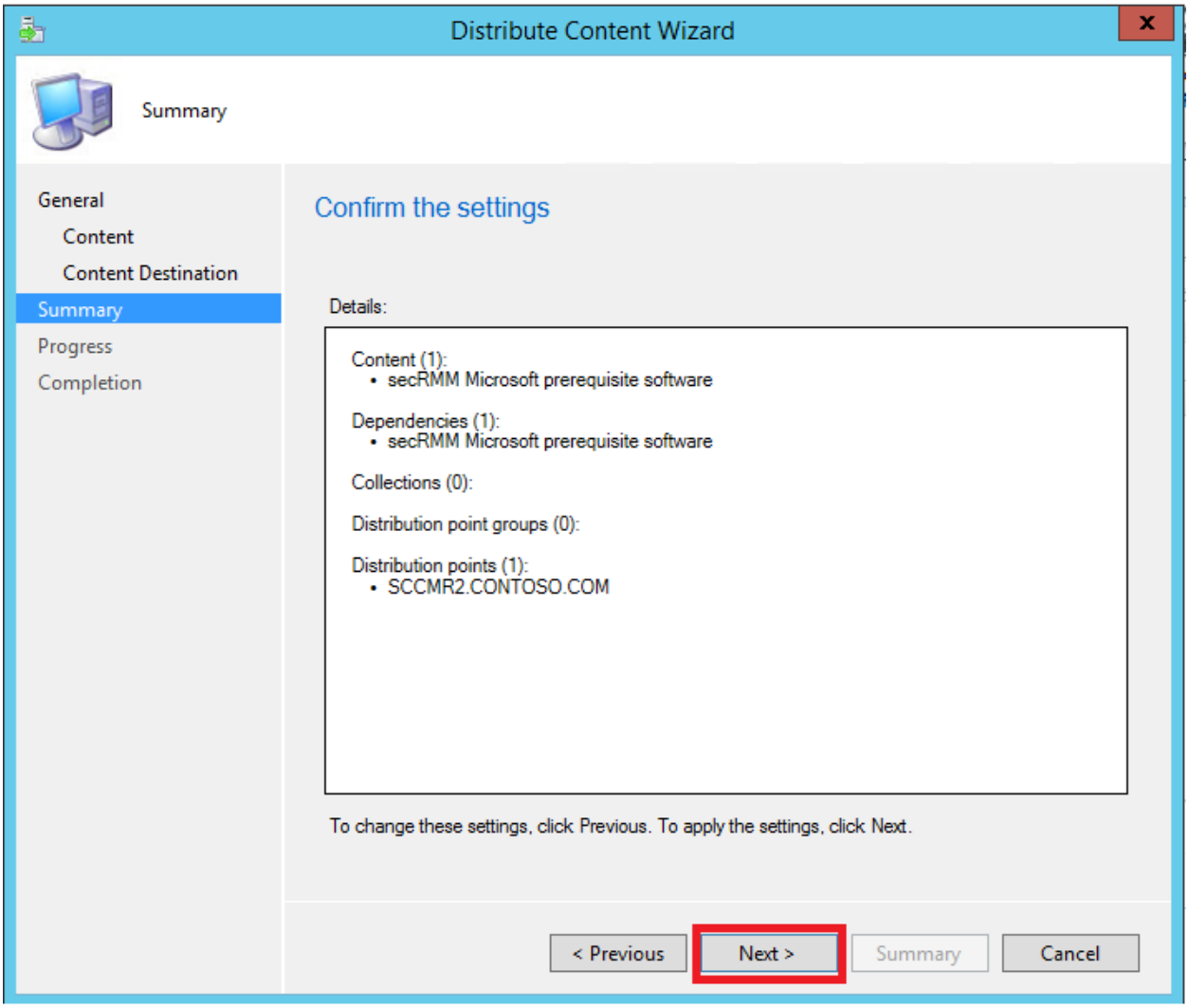
Distribute the content to your SCCM Distribution Points. The data in the screenshots below will be much different than your environment but the screenshots will give you a general idea of how to distribute the secRMM Microsoft prerequisite software.

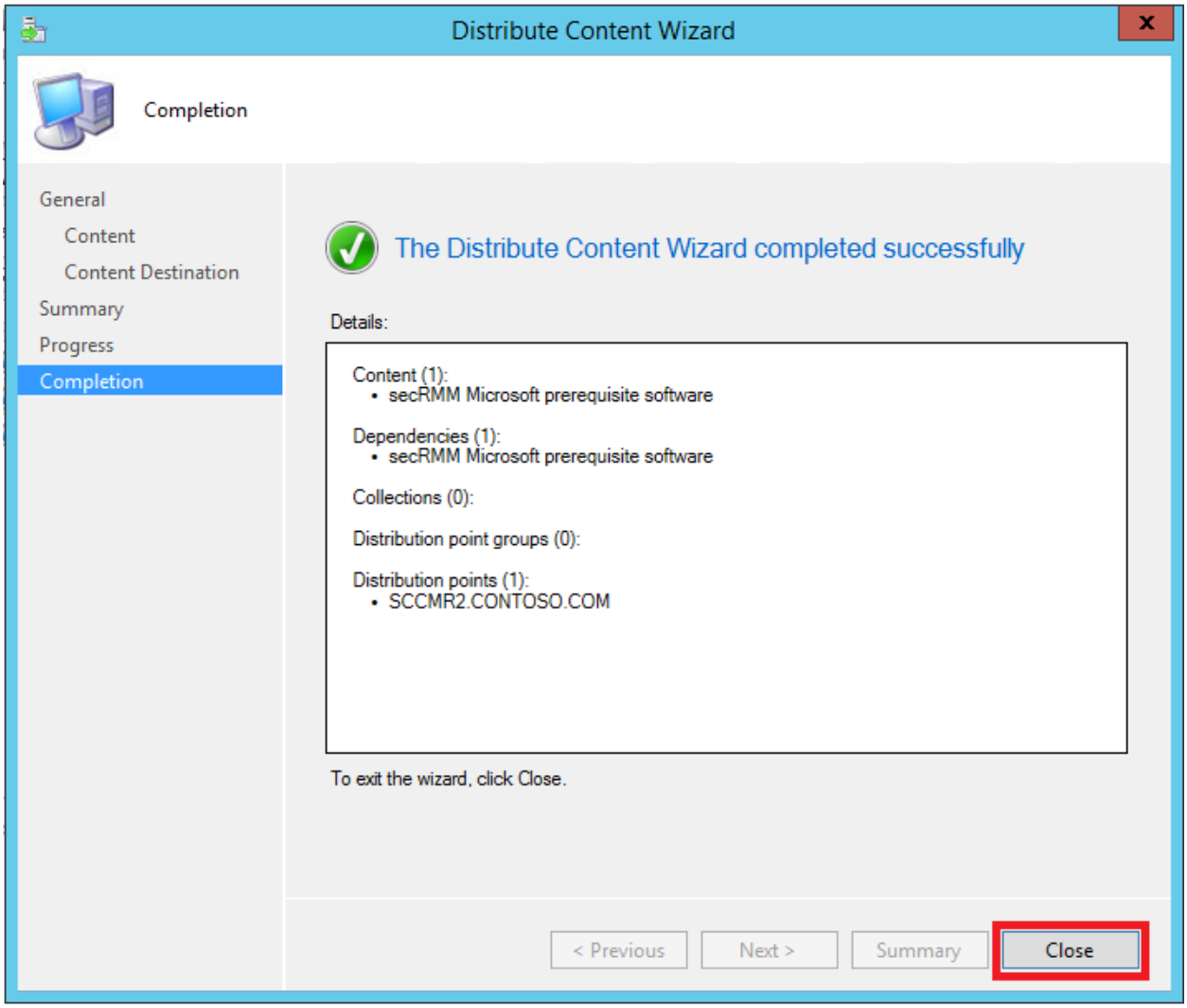

Folder Tools
System Center Configuration Manager (Connected to SQT - Squadra Technologies)
Home
Folder
Create
Feedback
Saved Searches
Manage Access Accounts
Create Prestaged Content File
Revision History
Update Statistics
Create Deployment Type
Reinstate
Retire
Export
Copy
Refresh
Delete
Simulate Deployment
Distribute Content
Move
Set Security Scopes
Application
Deployment
Move
Software Library ▸ Overview ▸ Application Management ▸ Applications ▸ secRMM
Distribute Content
Distribute the content in the selected packages to a specific content location
Software Library
Overview
Application Management
Applications
secRMM
License Information for Store Apps
secRMM 3 items
Search
Icon
Name
Deployment Types
Deployments
Status
secRMM License file
1
0
Active
secRMM Microsoft prerequisite software
1
0
Active
secRMM v9.9.0.0
2
0
Active


Distribute Content Wizard
General
General
Content
Content Destination
Summary
Progress
Completion
Review selected content
You have selected the following content for distribution.
Content:
secRMM Microsoft prerequisite software
Some content might have associated dependencies that must be installed before the content can be installed.
Detect associated content dependencies and add them to this distribution
< Previous
Next >
Summary
Cancel


Distribute Content Wizard
Content
General
Content
Content Destination
Summary
Progress
Completion
Review the content to distribute
The content that you have selected and its associated dependencies will be added to this distribution.
Content:
Name
Type
secRMM Microsoft prerequisite software
Application
< Previous
Next >
Summary
Cancel

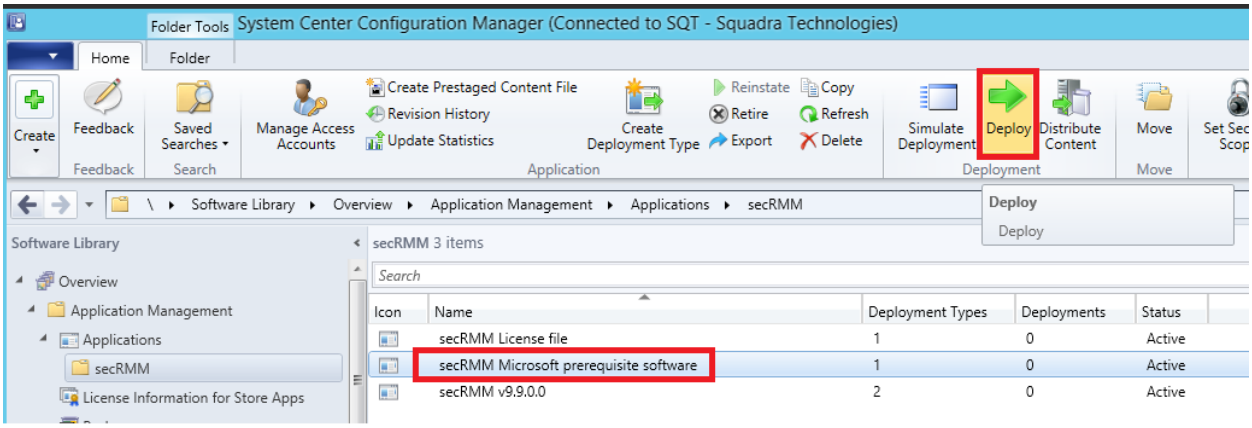

Distribute Content Wizard
Content Destination
General
Content
Content Destination
Summary
Progress
Completion
Specify the content destination
Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.
Content destination:
Filter...
Add
Remove
Name
Description
Associations
SCCMR2.CONTOSO.COM
Distribution point
< Previous
Next >
Summary
Cancel

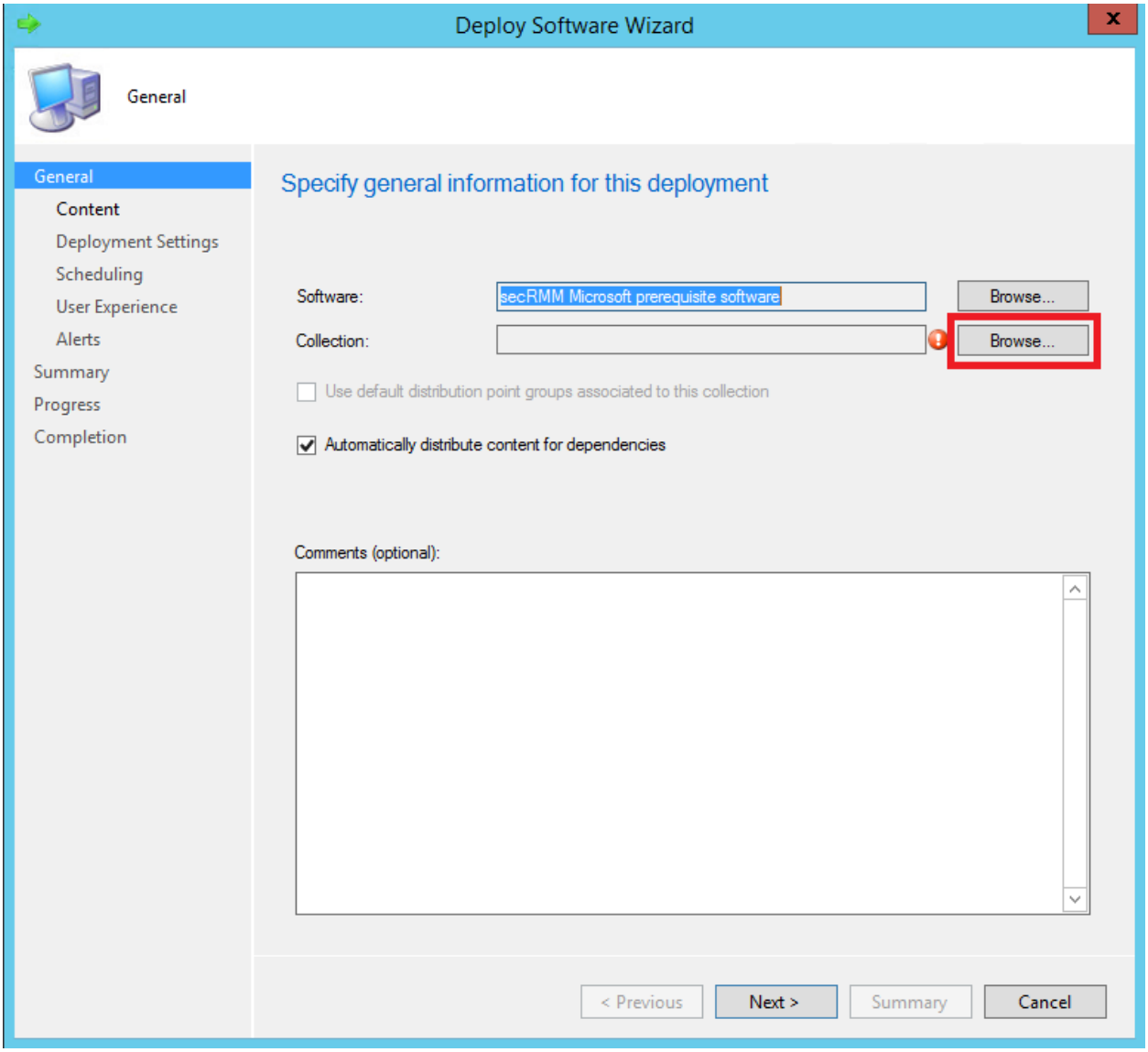

Distribute Content Wizard
Summary
General
Content
Content Destination
Summary
Progress
Completion
Confirm the settings
Details:
Content (1):
• secRMM Microsoft prerequisite software
Dependencies (1):
• secRMM Microsoft prerequisite software
Collections (0):
Distribution point groups (0):
Distribution points (1):
• SCCMR2.CONTOSO.COM
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel

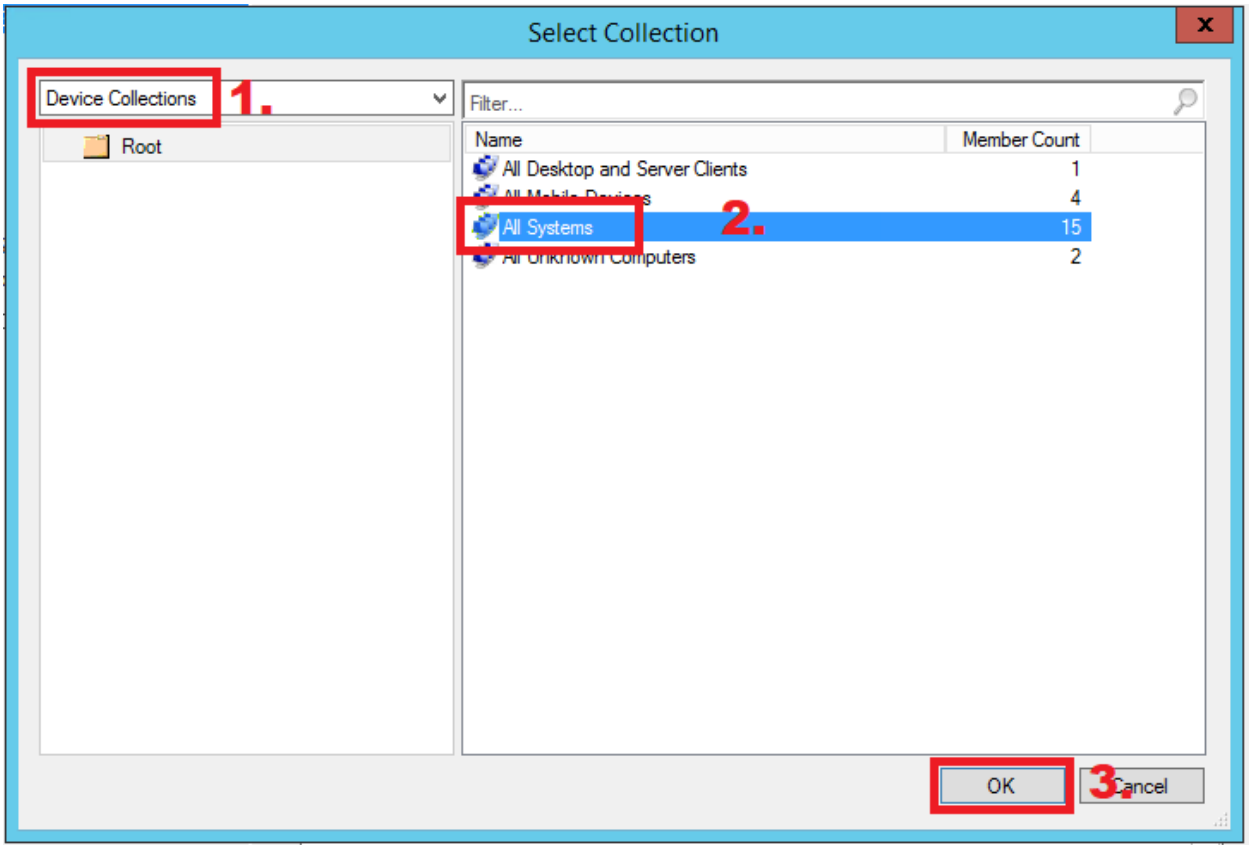


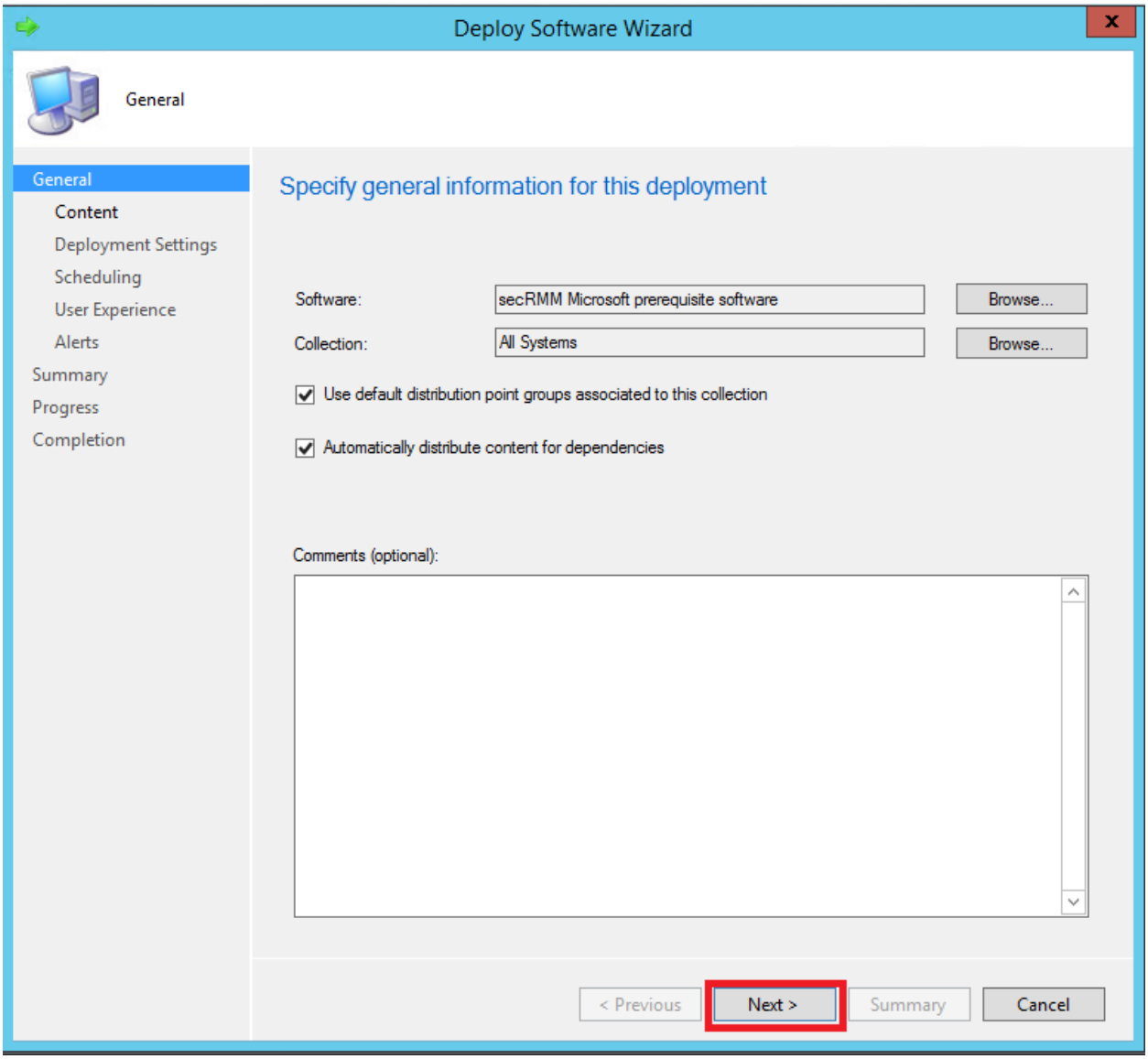
Deploy the secRMM Microsoft prerequisite software to SCCM endpoints

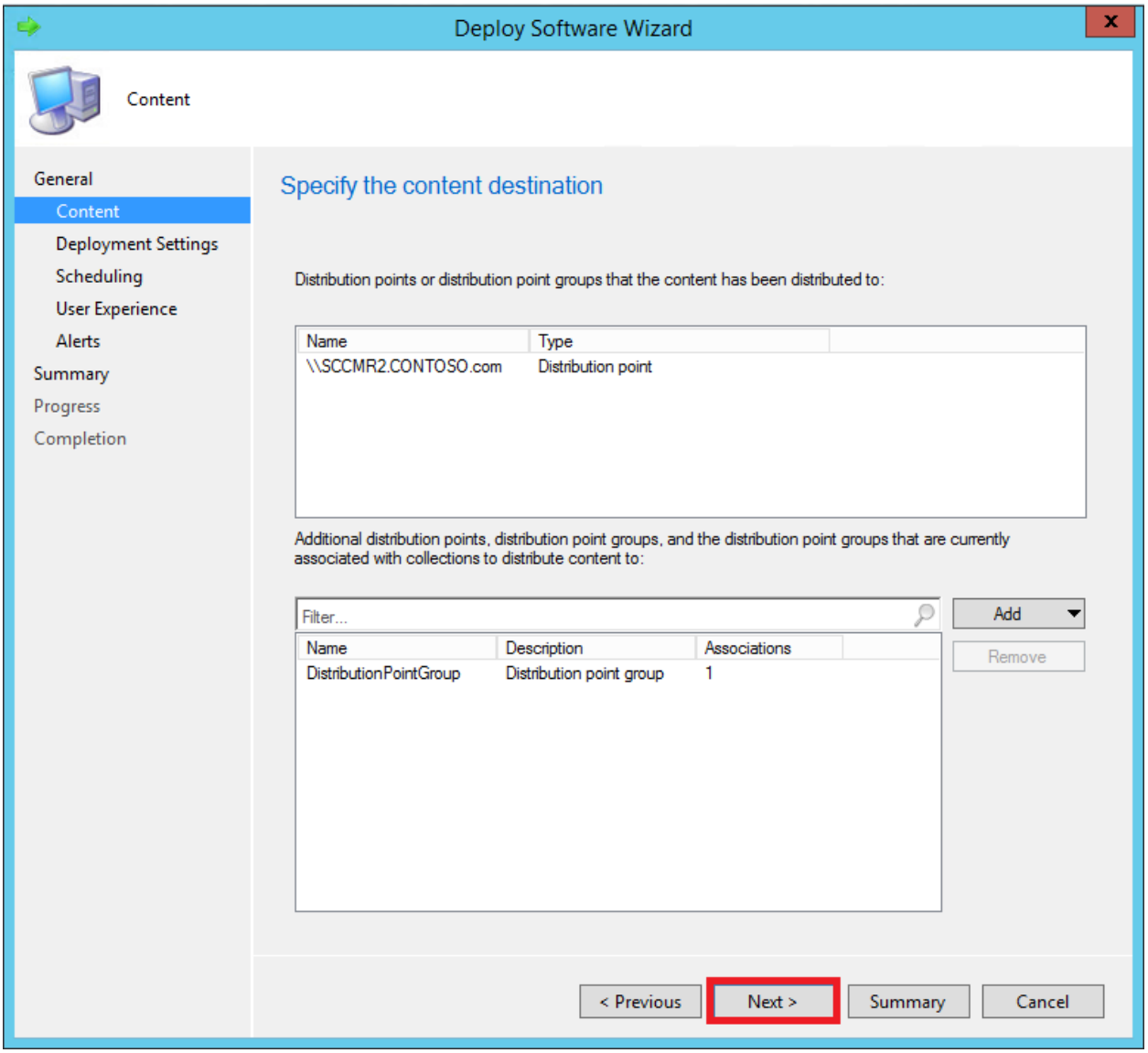
We can now deploy the secRMM Microsoft prerequisite software using SCCM to all SCCM endpoint computers.

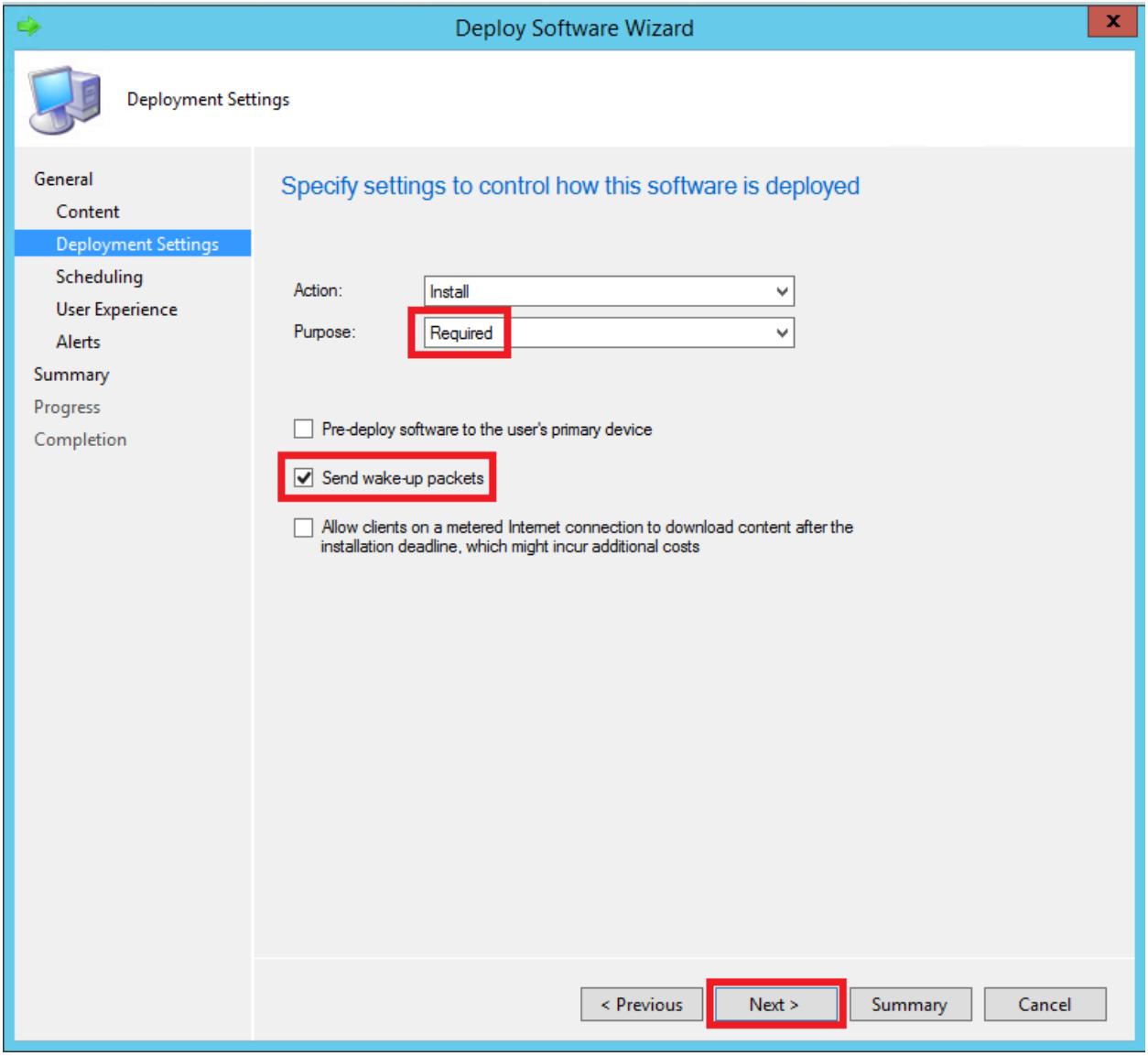

Folder Tools
System Center Configuration Manager (Connected to SQT - Squadra Technologies)
Home
Folder
Create
Feedback
Saved Searches
Manage Access Accounts
Create Prestaged Content File
Revision History
Update Statistics
Create Deployment Type
Reinstate
Copy
Retire
Refresh
Export
Delete
Simulate Deployment
Deploy
Distribute Content
Move
Application
Deployment
Move
Software Library ▸ Overview ▸ Application Management ▸ Applications ▸ secRMM
Deploy
Deploy
Software Library
Overview
Application Management
Applications
secRMM
License Information for Store Apps
secRMM 3 items
Search
Icon
Name
Deployment Types
Deployments
Status
secRMM License file
1
0
Active
secRMM Microsoft prerequisite software
1
0
Active
secRMM v9.9.0.0
2
0
Active

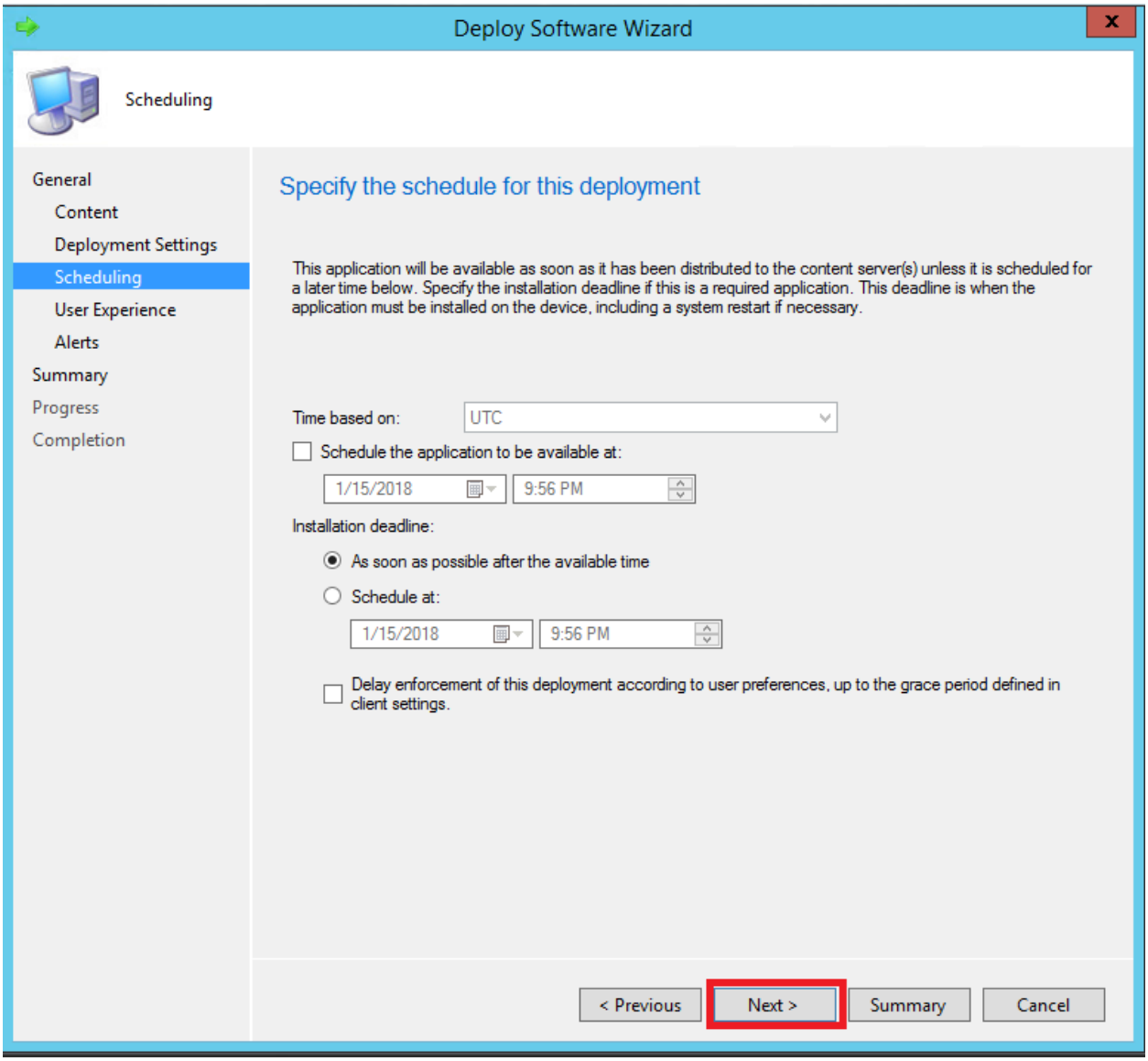

Deploy Software Wizard
General
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion
Specify general information for this deployment
Software:
secRMM Microsoft prerequisite software
Browse...
Collection:
Browse...
Use default distribution point groups associated to this collection
Automatically distribute content for dependencies
Comments (optional):
< Previous
Next >
Summary
Cancel

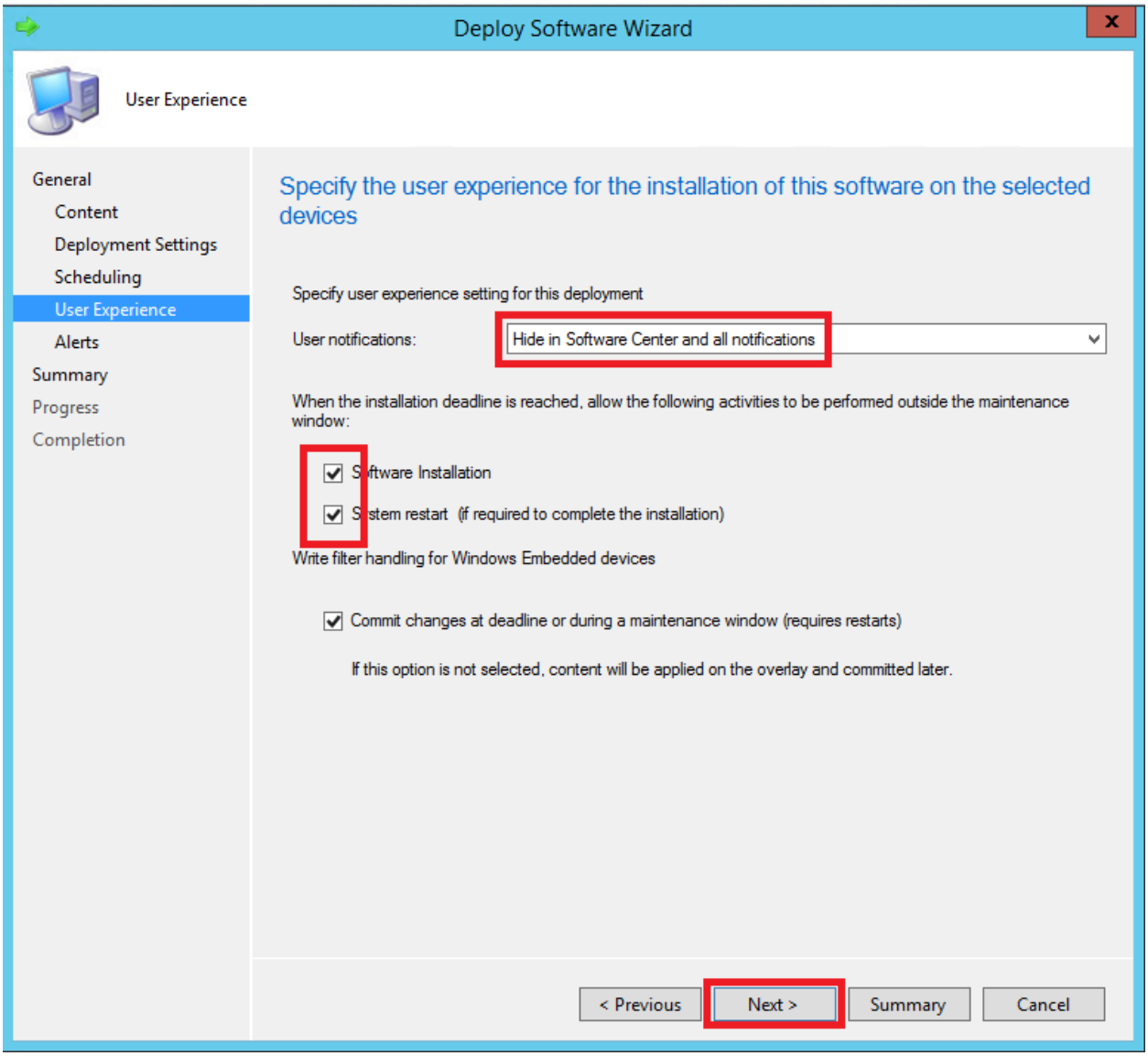

Select Collection
Device Collections
1.
Filter...
Root
Name
Member Count
All Desktop and Server Clients
1
4
All Systems
2.
15
2
OK
3.
Cancel

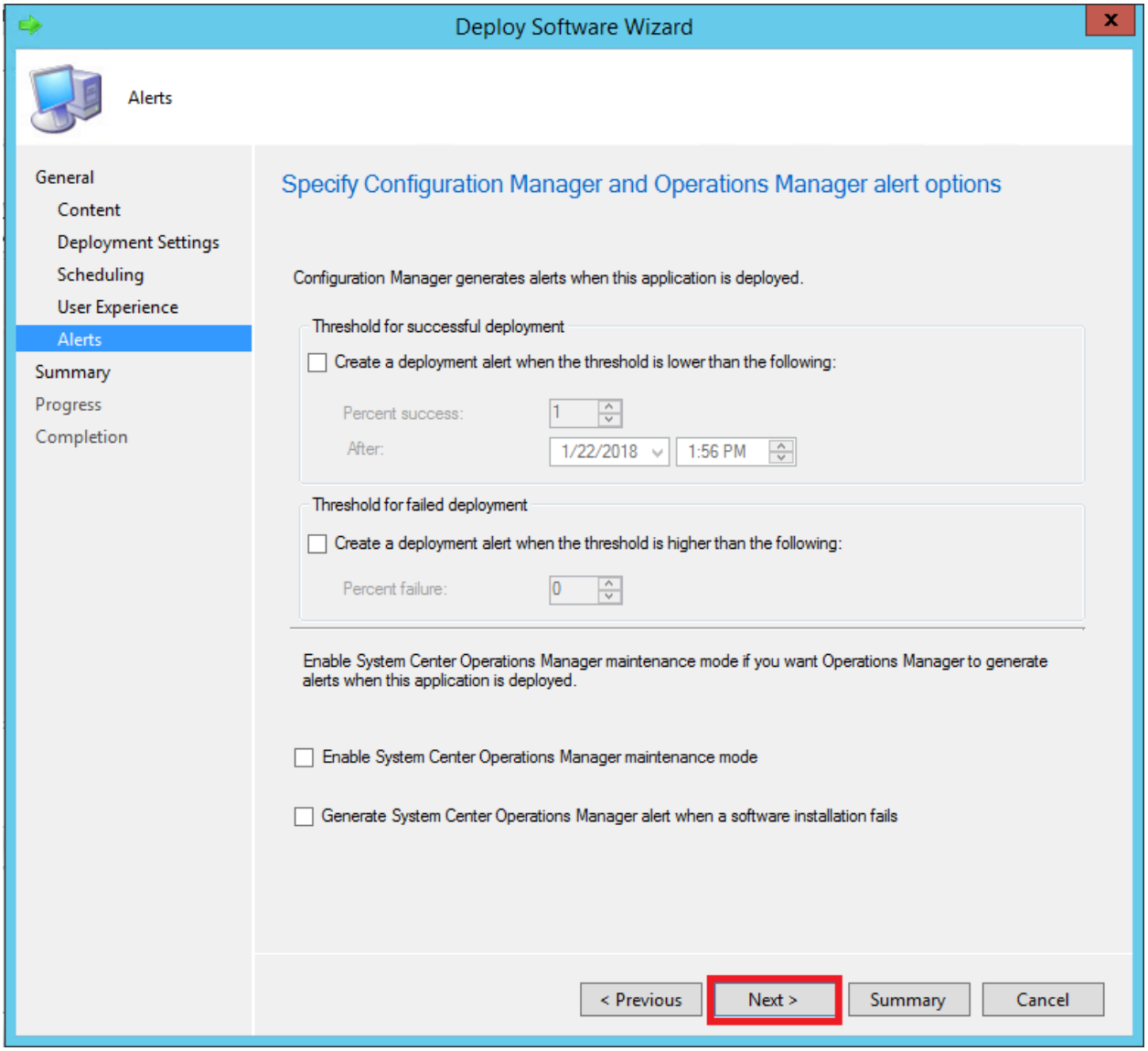

Deploy Software Wizard
General
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion
Specify general information for this deployment
Software:
secRMM Microsoft prerequisite software
Browse...
Collection:
All Systems
Browse...
Use default distribution point groups associated to this collection
Automatically distribute content for dependencies
Comments (optional):
< Previous
Next >
Summary
Cancel

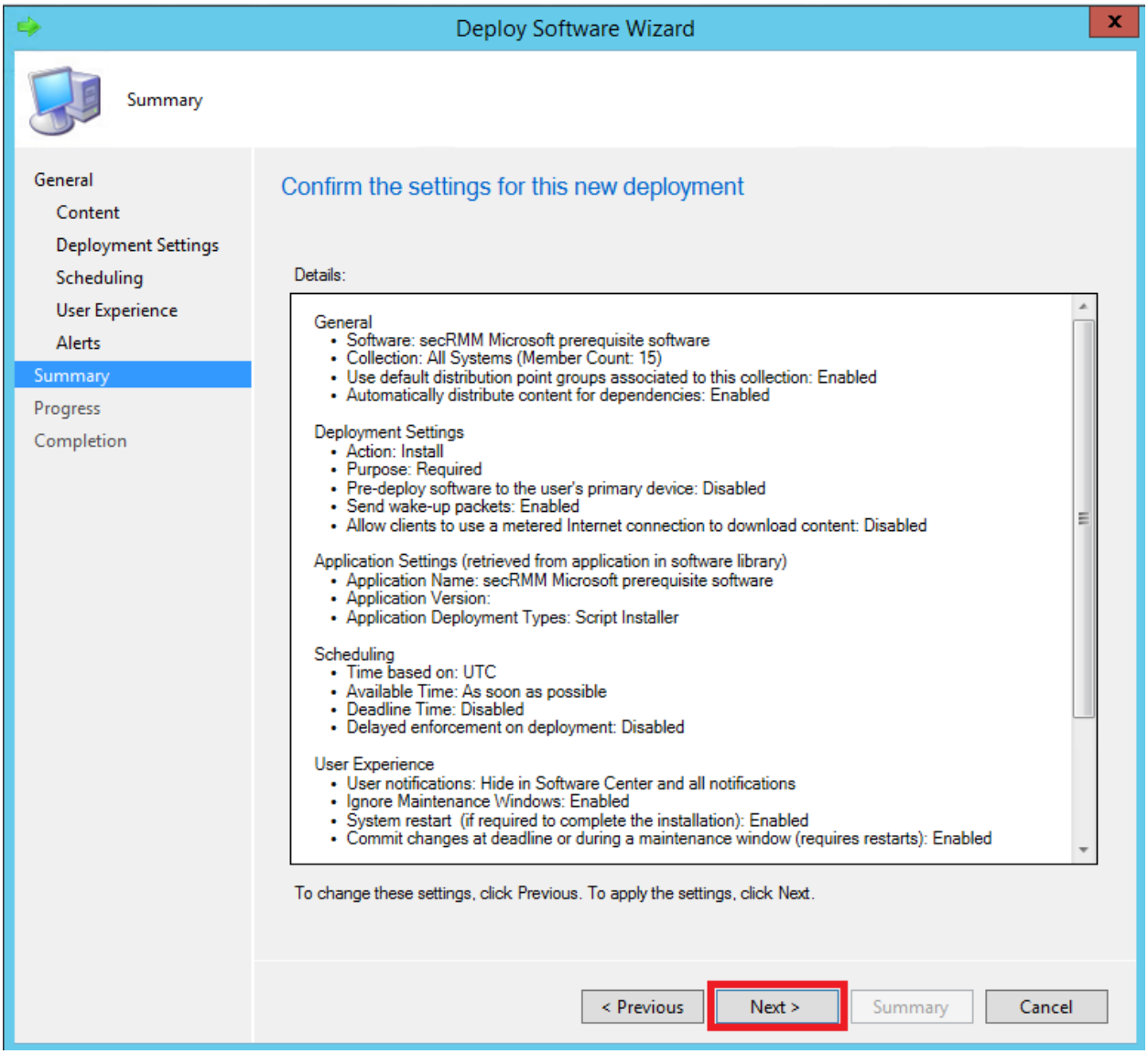

Deploy Software Wizard
Content
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion
Specify the content destination
Distribution points or distribution point groups that the content has been distributed to:
Name
Type
\\SCCMR2.CONTOSO.com
Distribution point
Additional distribution points, distribution point groups, and the distribution point groups that are currently associated with collections to distribute content to:
Filter...
Add
Remove
Name
Description
Associations
DistributionPointGroup
Distribution point group
1
< Previous
Next >
Summary
Cancel

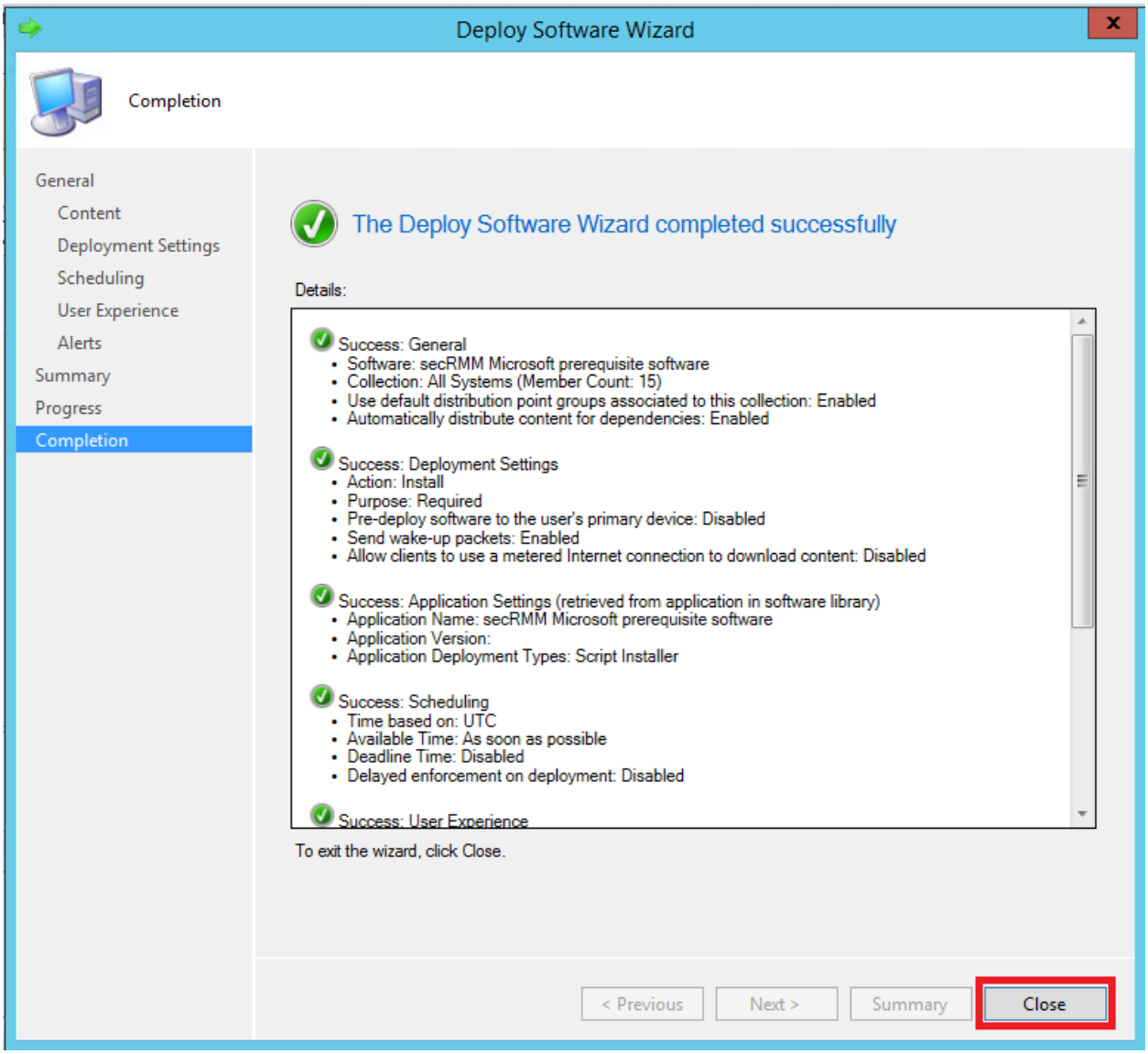

Deploy Software Wizard
Deployment Settings
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion
Specify settings to control how this software is deployed
Action:
Install
Purpose:
Required
Pre-deploy software to the user's primary device
Send wake-up packets
Allow clients on a metered Internet connection to download content after the installation deadline, which might incur additional costs
< Previous
Next >
Summary
Cancel


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


Deploy Software Wizard
User Experience
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion
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


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:
1
After:
1/22/2018
1:56 PM
Threshold for failed deployment
Create a deployment alert when the threshold is higher than the following:
Percent failure:
0
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
< Previous
Next >
Summary
Cancel

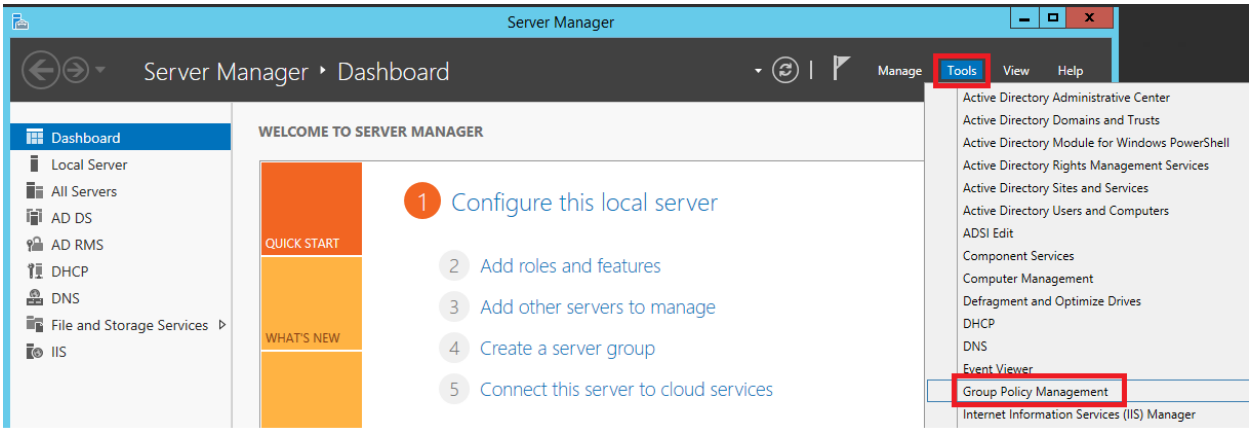

Deploy Software Wizard
Summary
General
Content
Deployment Settings
Scheduling
User Experience
Alerts
Summary
Progress
Completion
Confirm the settings for this new deployment
Details:
General
• Software: secRMM Microsoft prerequisite software
• Collection: All Systems (Member Count: 15)
• Use default distribution point groups associated to this collection: Enabled
• Automatically distribute content for dependencies: Enabled
Deployment Settings
• Action: Install
• Purpose: Required
• Pre-deploy software to the user's primary device: Disabled
• Send wake-up packets: Enabled
• Allow clients to use a metered Internet connection to download content: Disabled
Application Settings (retrieved from application in software library)
• Application Name: secRMM Microsoft prerequisite software
• Application Version:
• Application Deployment Types: Script Installer
Scheduling
• Time based on: UTC
• Available Time: As soon as possible
• Deadline Time: Disabled
• Delayed enforcement on deployment: Disabled
User Experience
• User notifications: Hide in Software Center and all notifications
• Ignore Maintenance Windows: Enabled
• System restart (if required to complete the installation): Enabled
• Commit changes at deadline or during a maintenance window (requires restarts): Enabled
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel

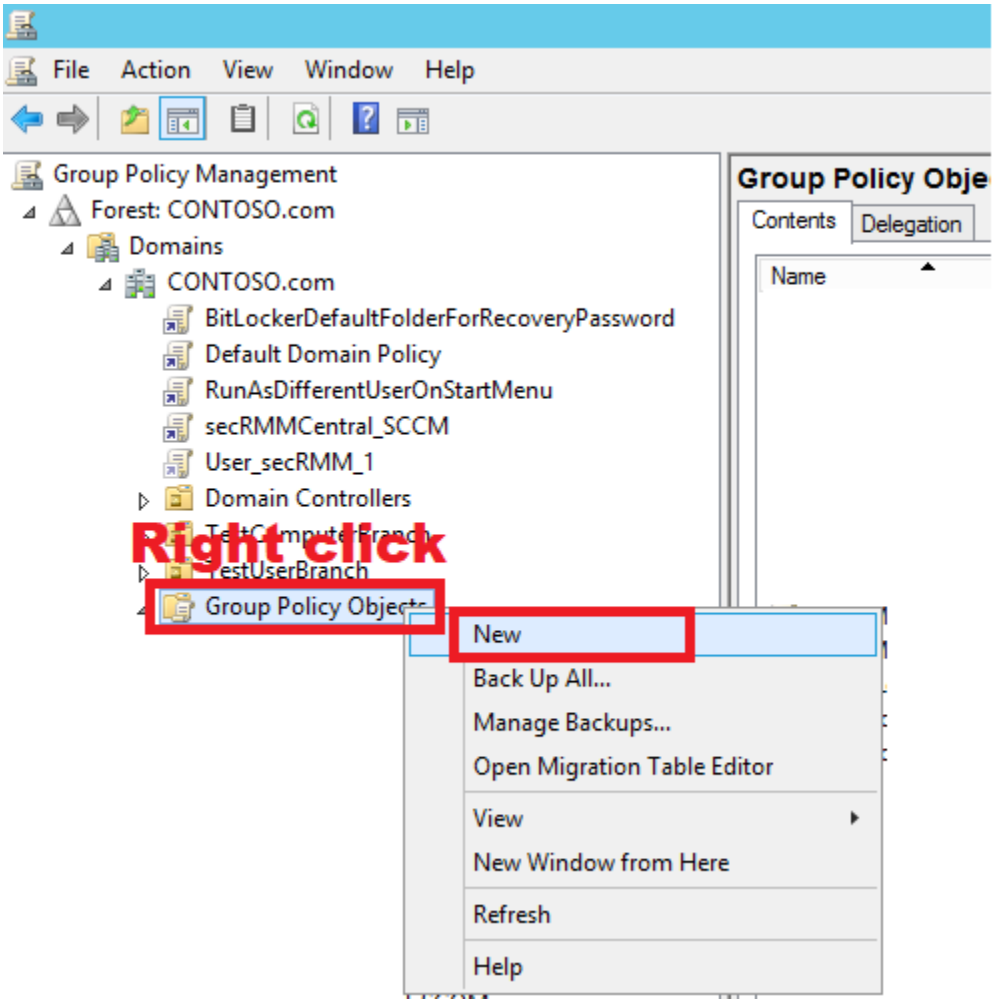


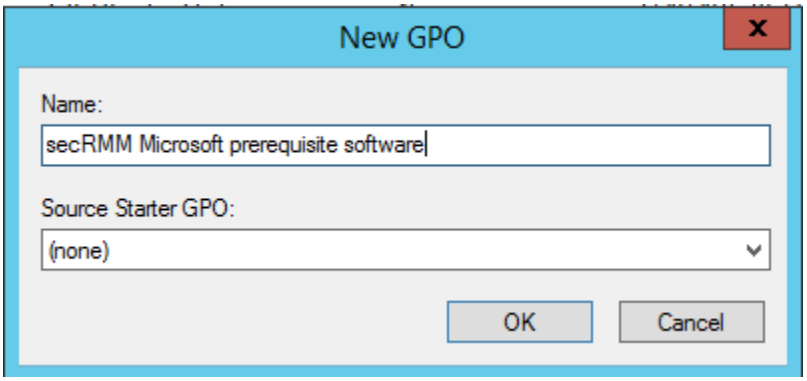
Deploy using AD GPO

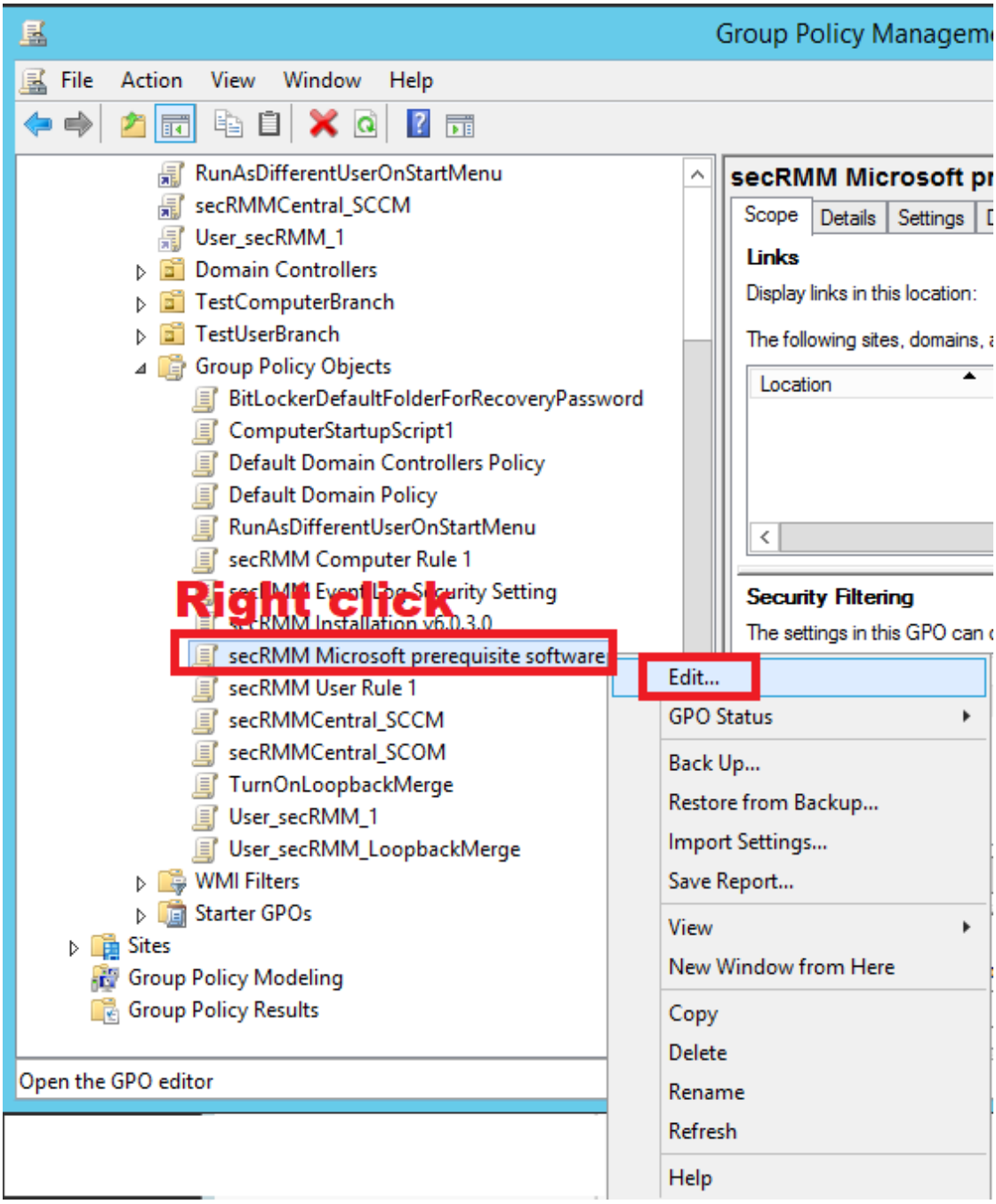
Create AD GPO

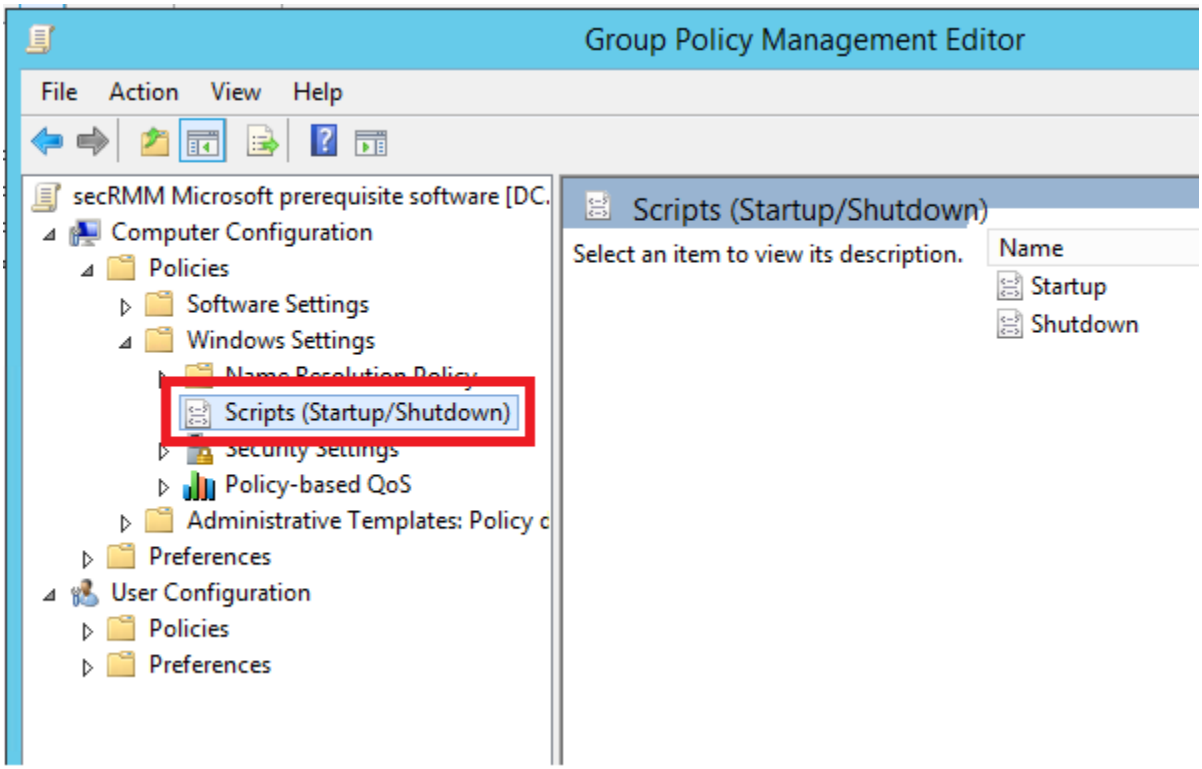
We will use a Windows computer startup script from AD GPO to run the deployment script.

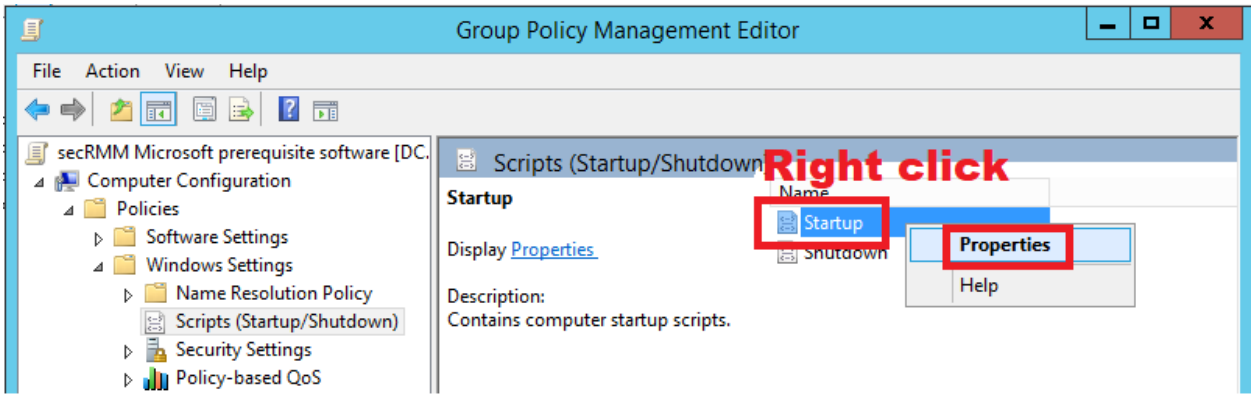

Server Manager
Server Manager ‣ Dashboard
Manage
Tools
View
Help
Dashboard
Local Server
All Servers
AD DS
AD RMS
DHCP
DNS
File and Storage Services
IIS
WELCOME TO SERVER MANAGER
QUICK START
WHAT'S NEW
1 Configure this local server
2 Add roles and features
3 Add other servers to manage
4 Create a server group
5 Connect this server to cloud services
Active Directory Administrative Center
Active Directory Domains and Trusts
Active Directory Module for Windows PowerShell
Active Directory Rights Management Services
Active Directory Sites and Services
Active Directory Users and Computers
ADSI Edit
Component Services
Computer Management
Defragment and Optimize Drives
DHCP
DNS
Event Viewer
Group Policy Management
Internet Information Services (IIS) Manager

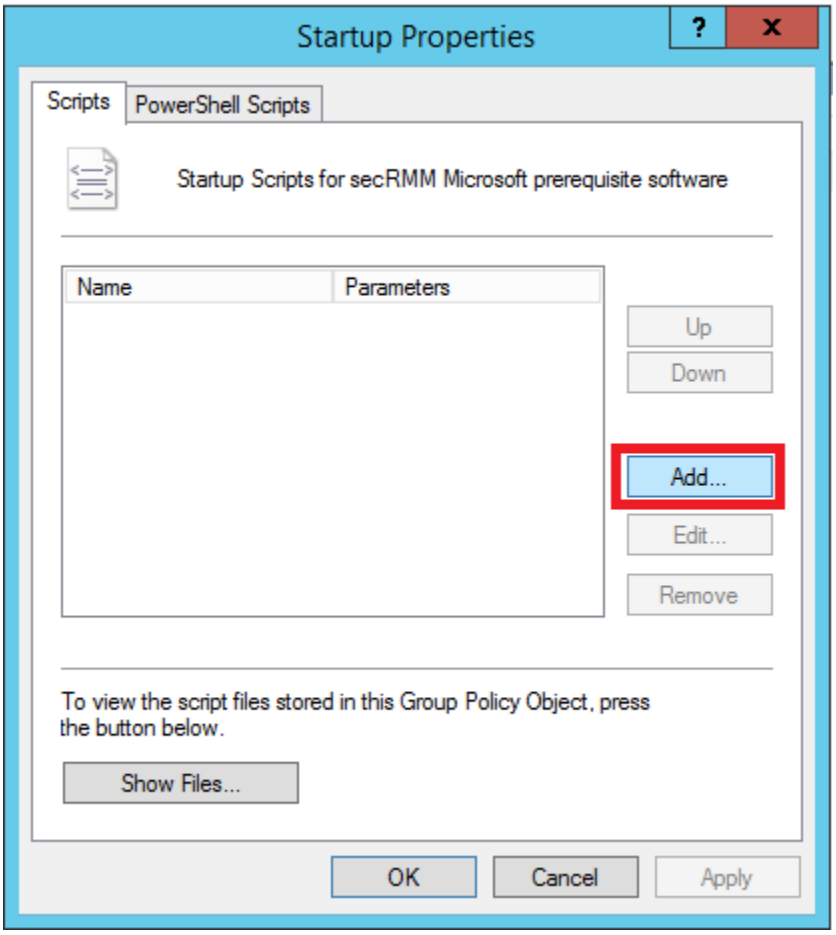

File
Action
View
Window
Help
Group Policy Management
Forest: CONTOSO.com
Domains
CONTOSO.com
BitLockerDefaultFolderForRecoveryPassword
Default Domain Policy
RunAsDifferentUserOnStartMenu
secRMMCentral_SCCM
User_secRMM_1
Domain Controllers
TestUserBranch
Group Policy Objects
Right click
Group Policy Obje
Contents
Delegation
Name
New
Back Up All...
Manage Backups...
Open Migration Table Editor
View
New Window from Here
Refresh
Help

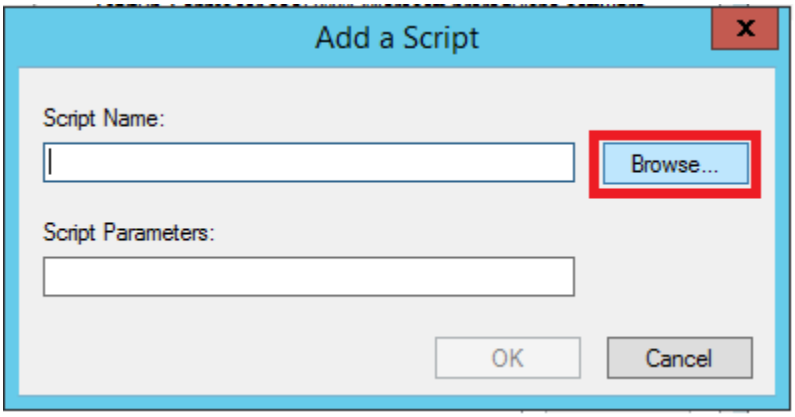

New GPO
Name:
secRMM Microsoft prerequisite software
Source Starter GPO:
(none)
OK
Cancel

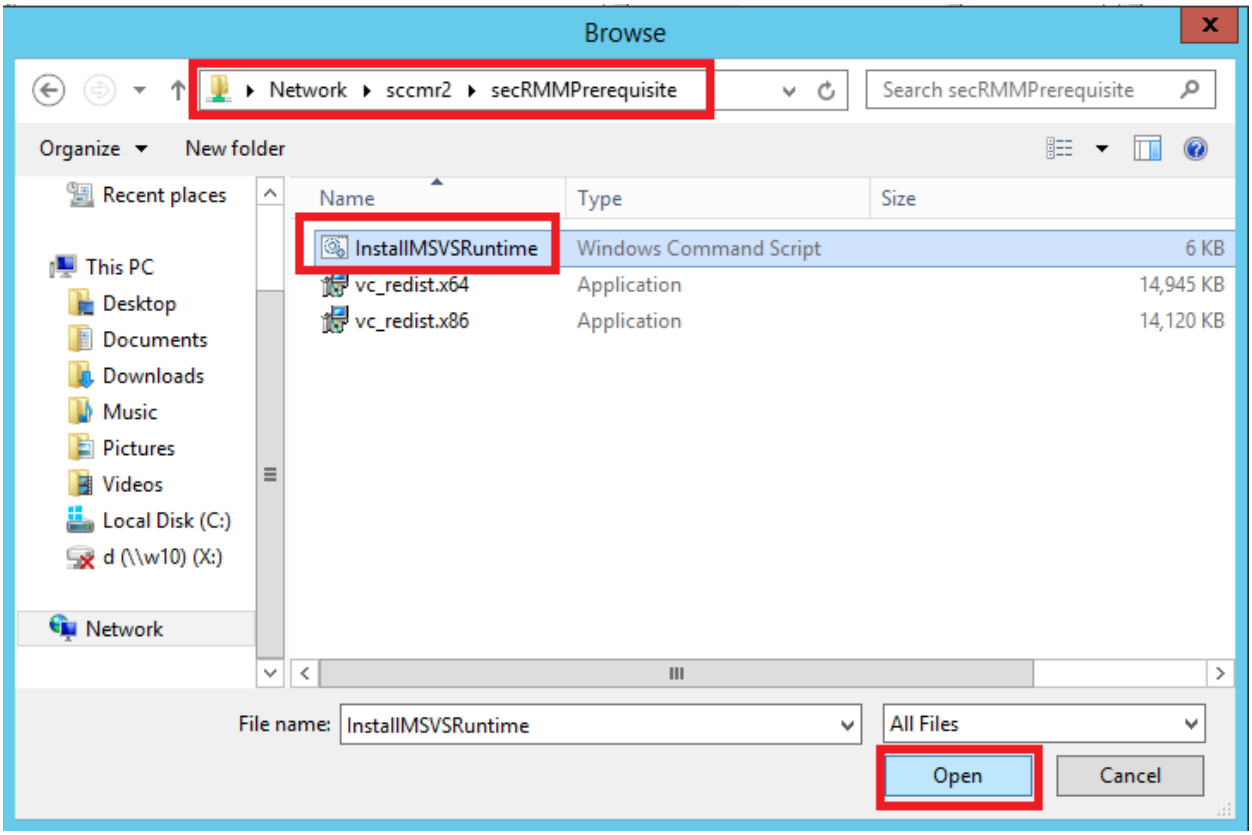

Group Policy Manageme
File Action View Window Help
RunAsDifferentUserOnStartMenu
secRMMCentral_SCCM
User_secRMM_1
Domain Controllers
TestComputerBranch
TestUserBranch
Group Policy Objects
BitLockerDefaultFolderForRecoveryPassword
ComputerStartupScript1
Default Domain Controllers Policy
Default Domain Policy
RunAsDifferentUserOnStartMenu
secRMM Computer Rule 1
Right click
secRMM Microsoft prerequisite software
secRMM User Rule 1
secRMMCentral_SCCM
secRMMCentral_SCOM
TurnOnLoopbackMerge
User_secRMM_1
User_secRMM_LoopbackMerge
WMI Filters
Starter GPOs
Sites
Group Policy Modeling
Group Policy Results
Open the GPO editor
secRMM Microsoft pr
Scope Details Settings
Links
Display links in this location:
The following sites, domains,
Location
Security Filtering
The settings in this GPO can
Edit...
GPO Status
Back Up...
Restore from Backup...
Import Settings...
Save Report...
View
New Window from Here
Copy
Delete
Rename
Refresh
Help

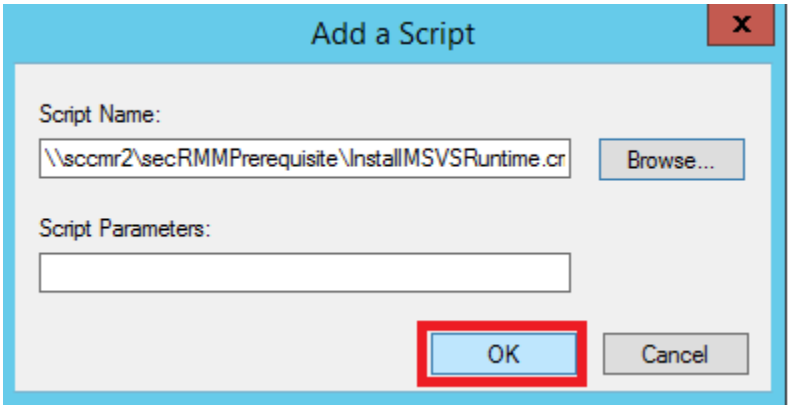

Group Policy Management Editor
File Action View Help
secRMM Microsoft prerequisite software [DC.
Computer Configuration
Policies
Software Settings
Windows Settings
Scripts (Startup/Shutdown)
Policy-based QoS
Administrative Templates: Policy c
Preferences
User Configuration
Policies
Preferences
Scripts (Startup/Shutdown)
Select an item to view its description.
Name
Startup
Shutdown

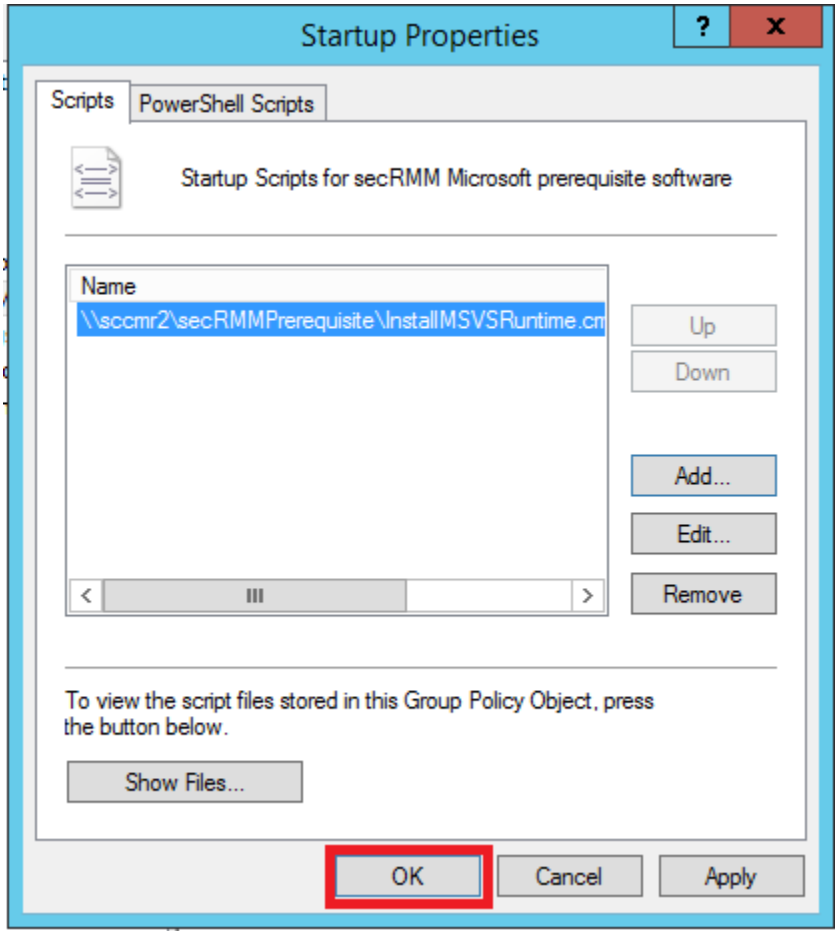

Group Policy Management Editor
File Action View Help
secRMM Microsoft prerequisite software [DC.
Computer Configuration
Policies
Software Settings
Windows Settings
Name Resolution Policy
Scripts (Startup/Shutdown)
Security Settings
Policy-based QoS
Scripts (Startup/Shutdown)
Right click
Startup
Display Properties
Description:
Contains computer startup scripts.
Name
Startup
Shutdown
Properties
Help

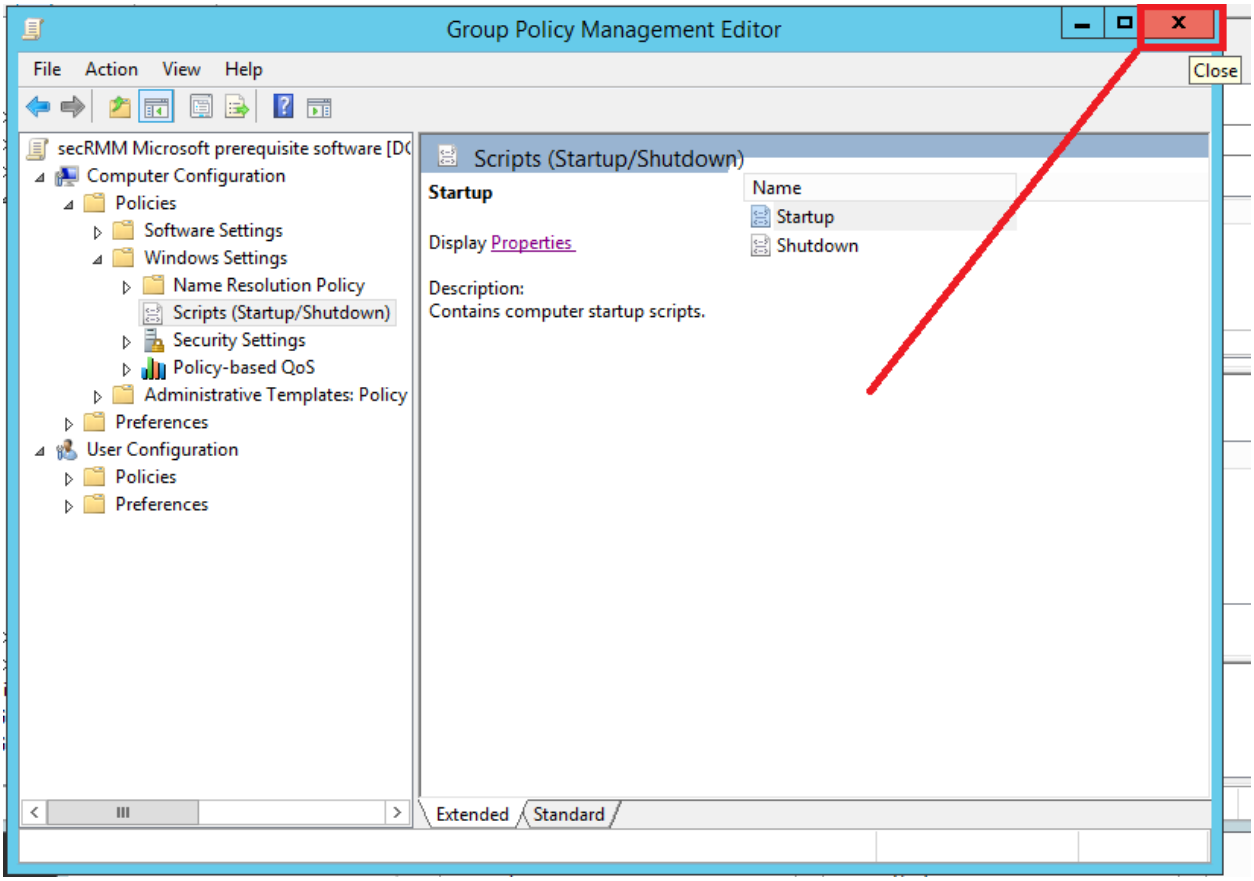

Startup Properties
Scripts
PowerShell Scripts
Startup Scripts for secRMM Microsoft prerequisite software
Name
Parameters
Up
Down
Add...
Edit...
Remove
To view the script files stored in this Group Policy Object, press the button below.
Show Files...
OK
Cancel
Apply


Add a Script
Script Name:
Browse...
Script Parameters:
OK
Cancel


Browse
Network ▸ sccmr2 ▸ secRMMPrerequisite
Search secRMMPrerequisite
Organize
New folder
Recent places
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
d (\\w10) (X:)
Network
Name
Type
Size
InstallMSVSRuntime
Windows Command Script
6 KB
vc_redist.x64
Application
14,945 KB
vc_redist.x86
Application
14,120 KB
File name:
InstallMSVSRuntime
All Files
Open
Cancel

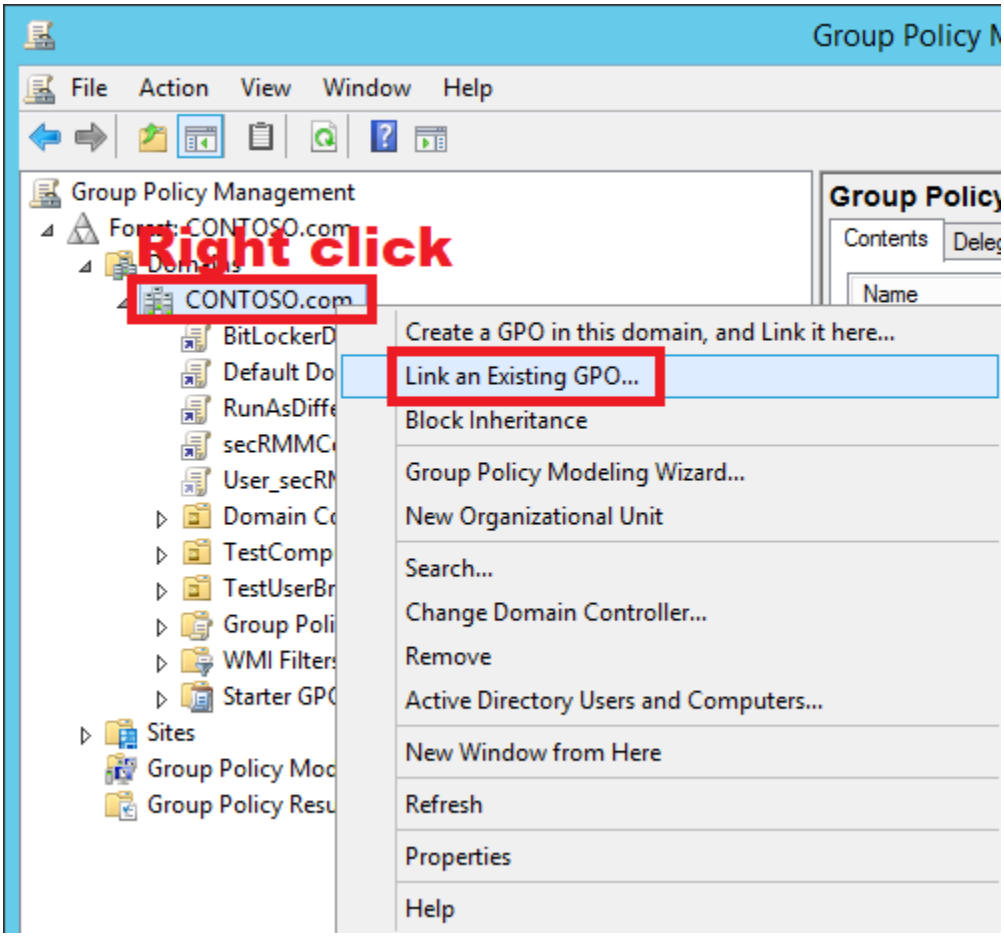

Add a Script
Script Name:
\\sccmr2\secRMMPrerequisite\InstallMSVSRuntime.cr
Browse...
Script Parameters:
OK
Cancel

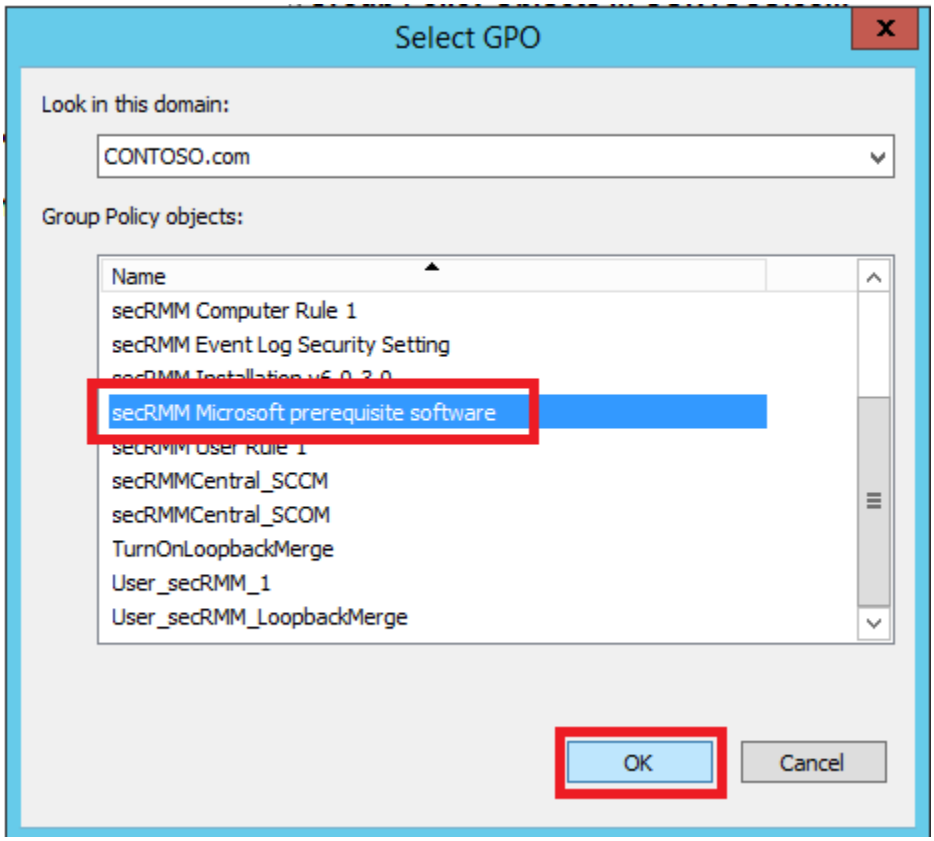

Startup Properties
Scripts
PowerShell Scripts
Startup Scripts for secRMM Microsoft prerequisite software
Name
\\sccmr2\secRMMPrerequisite\InstallMSVSRuntime.cm
Up
Down
Add...
Edit...
Remove
To view the script files stored in this Group Policy Object, press the button below.
Show Files...
OK
Cancel
Apply

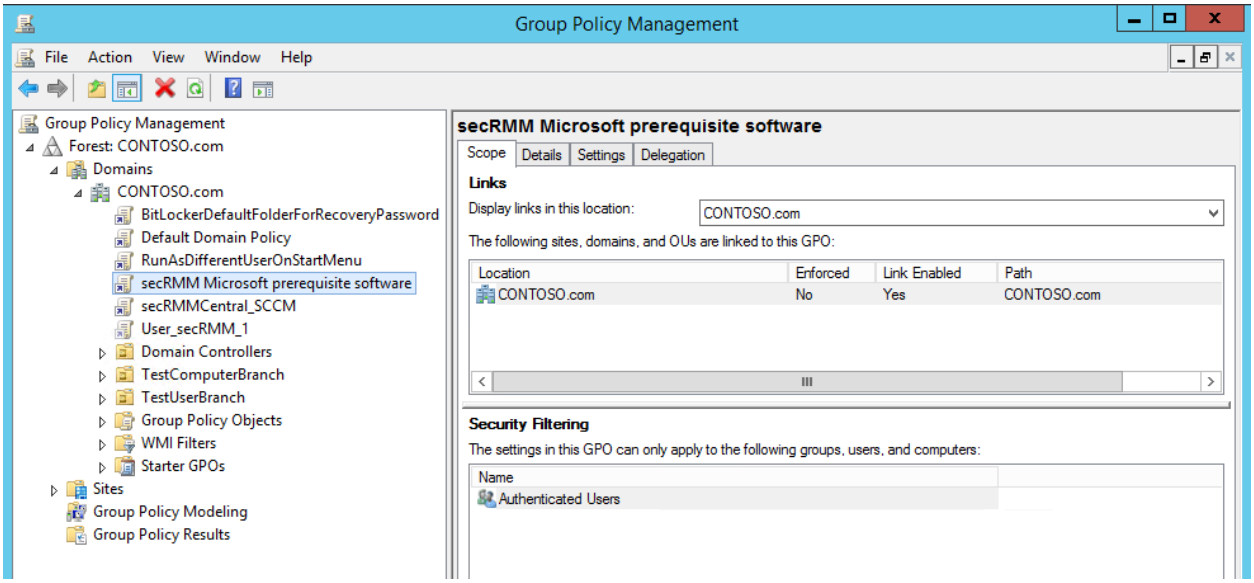


Link AD GPO

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.

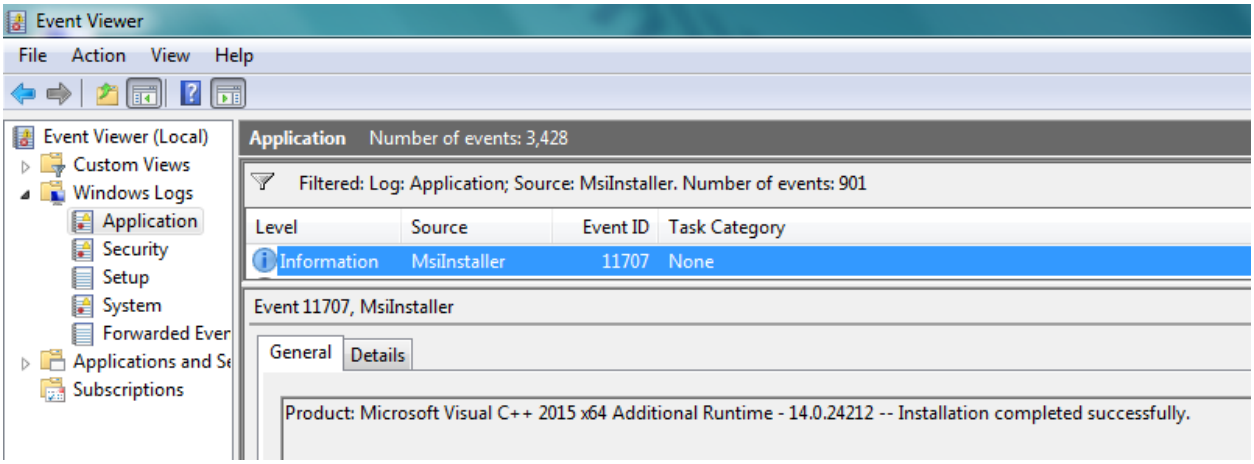

Group Policy M
File Action View Window Help
Group Policy Management
Forest: CONTOSO.com
Domains
CONTOSO.com
Right click
Group Policy
Contents
Name
Create a GPO in this domain, and Link it here...
Link an Existing GPO...
Block Inheritance
Group Policy Modeling Wizard...
New Organizational Unit
Search...
Change Domain Controller...
Remove
Active Directory Users and Computers...
New Window from Here
Refresh
Properties
Help
Sites


Select GPO
Look in this domain:
CONTOSO.com
Group Policy objects:
Name
secRMM Computer Rule 1
secRMM Event Log Security Setting
secRMM Microsoft prerequisite software
secRMMCentral_SCCM
secRMMCentral_SCOM
TurnOnLoopbackMerge
User_secRMM_1
User_secRMM_LoopbackMerge
OK
Cancel


Group Policy Management
File Action View Window Help
Group Policy Management
Forest: CONTOSO.com
Domains
CONTOSO.com
BitLockerDefaultFolderForRecoveryPassword
Default Domain Policy
RunAsDifferentUserOnStartMenu
secRMM Microsoft prerequisite software
secRMMCentral_SCCM
User_secRMM_1
Domain Controllers
TestComputerBranch
TestUserBranch
Group Policy Objects
WMI Filters
Starter GPOs
Sites
Group Policy Modeling
Group Policy Results
secRMM Microsoft prerequisite software
Scope Details Settings Delegation
Links
Display links in this location: CONTOSO.com
The following sites, domains, and OUs are linked to this GPO:
Location Enforced Link Enabled Path
CONTOSO.com No Yes CONTOSO.com
Security Filtering
The settings in this GPO can only apply to the following groups, users, and computers:
Name
Authenticated Users

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.

Phone	562.221.3079 (United States and Canada)
Email	info@squadratechnologies.com
Mail	Squadra Technologies, LLC. World Headquarters 7575 West Washington Ave. Suite 127-252

	Las Vegas, NV 89128 USA
Web site	http://www.squadratechnologies.com/