Security Removable Media Manager
(secRMM)

# Intune Installation Guide

Version 9.11.55.0

(November 2026)

*Protect your valuable data*

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Squadra Technologies Administrator Guide
Created - March 2011

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# Introduction

Squadra Technologies *security Removable Media Manager* (**secRMM**) software is Windows security software that runs on your company's workstations and servers. secRMM manages and monitors removable media. In this context, removable media is defined as external hard disks, USB (flash) drives, smart phones, tablets, SD-Cards, CD-ROM and DVD. Such devices typically use the computers Universal Serial Bus (USB) ports to connect to the computer. Removable media devices are popular because they are very convenient when you want to copy files around or backup data. secRMM allows you to track all write activity to the removable media devices in your computer environment as well as giving you the ability to control (or authorize) who can write to the removable media devices.

Mobile devices are so popular now that there are many software products which help organizations manage how mobile devices are used within the work place. These software products are called/categorized as "Mobile Device Management" (MDM) products. Microsoft has a MDM product named Intune that runs in the Microsoft cloud. Microsofts cloud is named Azure.

This document is focused on how to install (deploy) and configure secRMM using the Microsoft Azure Intune software.

secRMM is also integrated into Intune so that mobile devices will not be allowed to either mount over USB or to prevent file copies to the mobile device over USB if that mobile device is not enrolled (or compliant) within Intune. To setup this feature, there is a separate secRMM document titled "Intune Access Control Setup Guide" which is available on the Squadra Technologies web site.

# Prerequistes

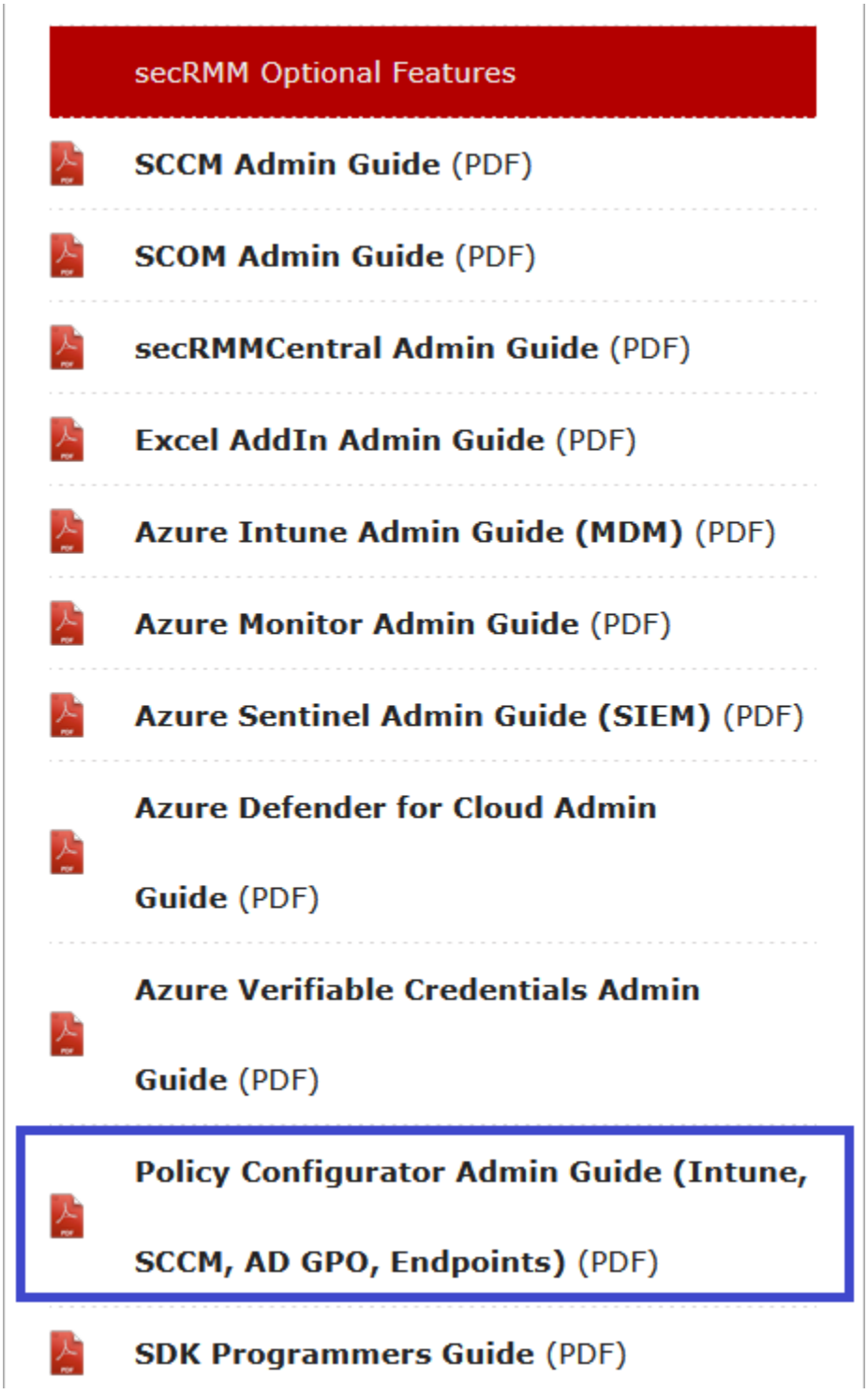
You will need to have a licensed Intune instance in Azure. By default, this also means you will have an "Azure Active Directory" (AAD) instance. Both Intune and AAD are defined within your Azure tenant. A tenant is a Microsoft term that can be thought of as a container that holds services, programs, device defininitions, data and virtual computers in the cloud that your company can access. Each tenant within Azure has a unique id (Microsoft calls this the "tenant id" and "directory id").

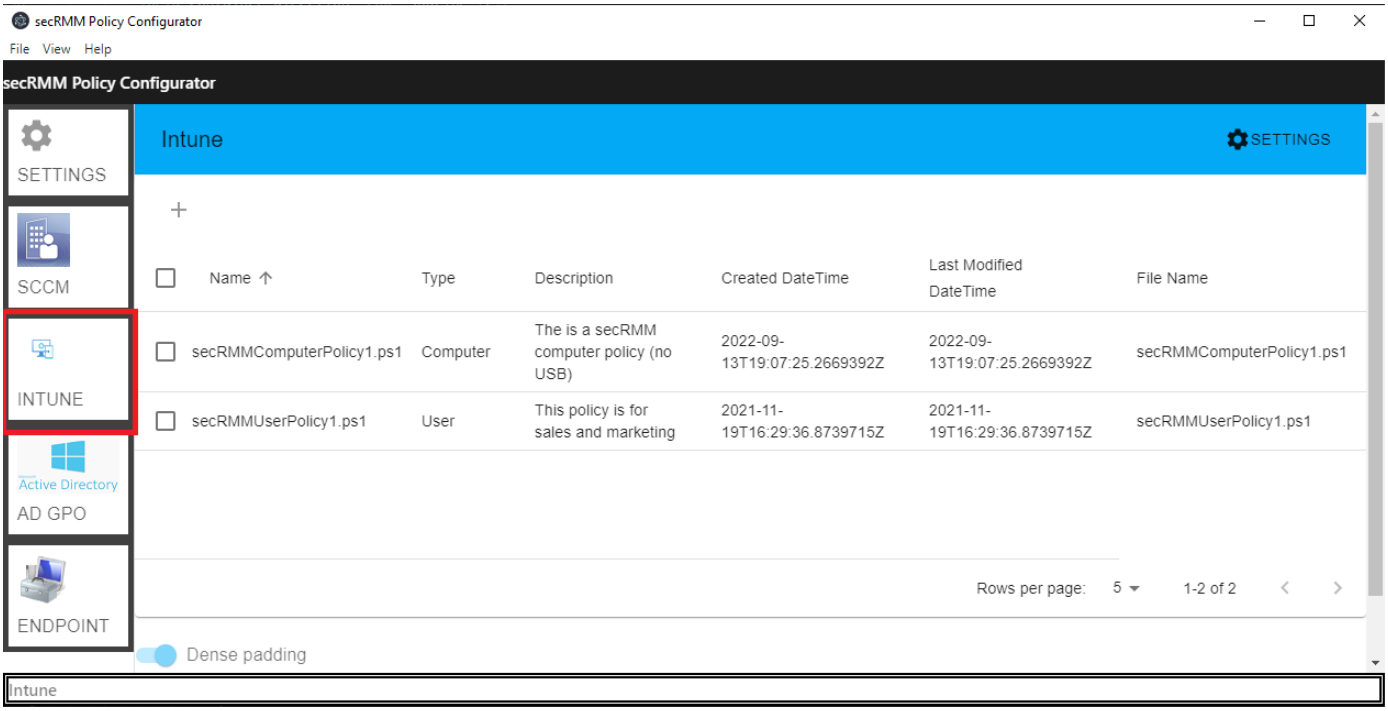
# Setup overview

Here are the high-level steps we will take to deploy and configure secRMM using Microsoft Azure Intune.

1. Deploy secRMM using an Intunewin file
2. Deploy secRMM license file using an Intunewin file
3. Configure secRMM computer and/or user policies using the secRMM Policy Configurator tool.
   The secRMM Policy Configurator tool generates Intune Powershell scripts which can be deployed to 'Windows devices' and/or 'user groups'.
   The secRMM Policy Configurator tool has a separate secRMM Administrator Guide which you can

download from the Squadra Technologies website (as shown in the screenshot below).






# Setup details

## Deploy secRMM using an Intunewin file

The Microsoft documentation titled "Intune Standalone - Win32 app management" at:

https://docs.microsoft.com/en-us/mem/intune/apps/apps-win32-app-management

describes how to deploy the secRMM installation file using a Intunewin file (within Intune).

Download the IntuneWin file for secRMM from the Squadra Technologies web site. Extract the zip file so that you have the secRMMInstallx64.intunewin file extracted. Just remember where you downloaded/extracted the secRMMInstallx64.intunewin file because you are going to need to upload to Intune in a step below.

# secRMM Downloads

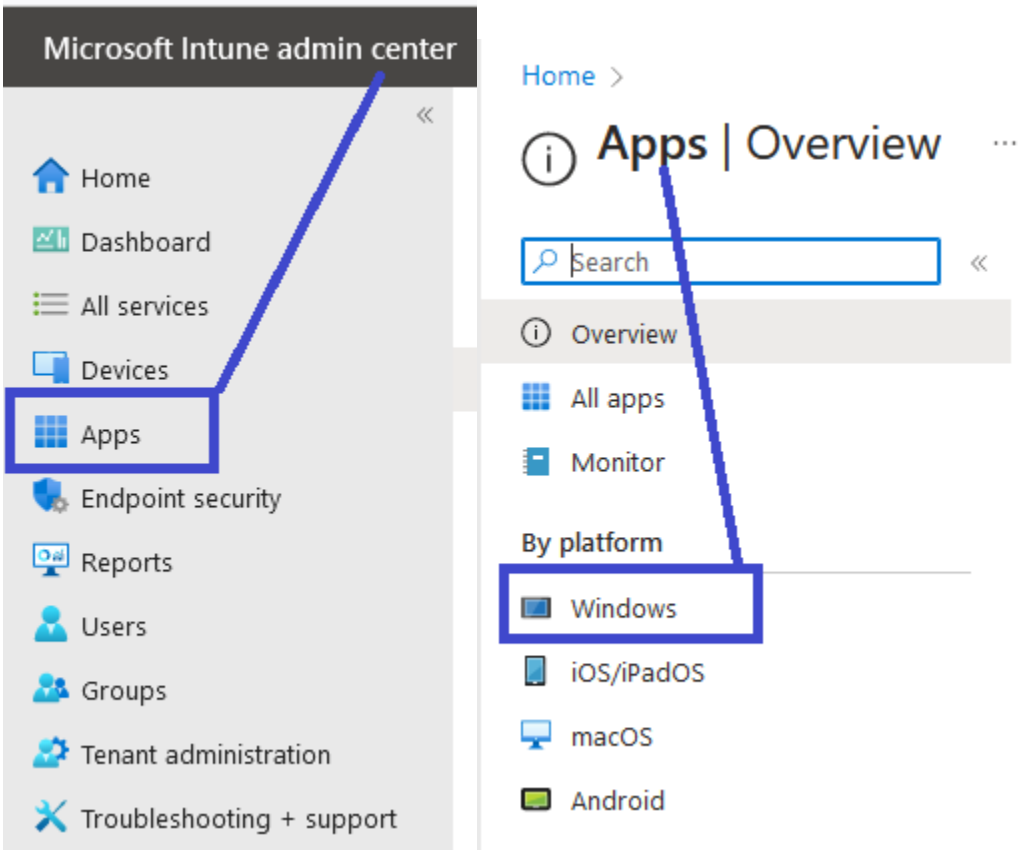
- Overview
- Download
- Documentation
- Video
- Screenshots
- Features
- Release Notes

Home >> secRMM >> Downloads

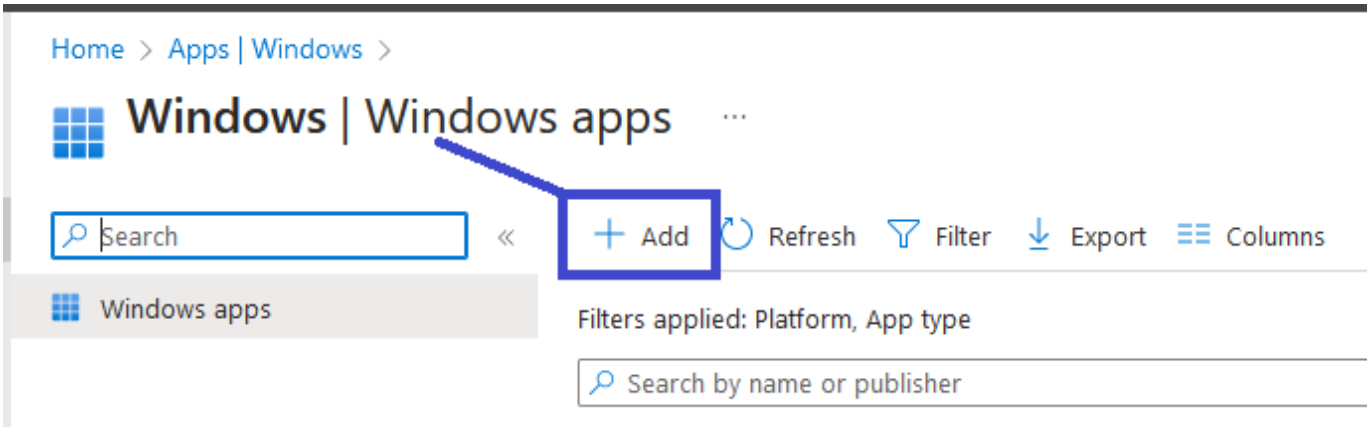
Please select a link(s) from the list below. Fully functional 30 day free trial.

| Item | Download link |
|---|---|
| Prerequiste: Microsoft Universal C Runtime Update 3 (current MS patches contain this) Please note that secRMM will not install without this Microsoft software. | Microsoft download center |
| secRMM x64 install (msi) | secRMMInstallx64.zip |
| secRMM x86 install (msi) | secRMMInstallx86.zip |
| secRMM x64 IntuneWin file | secRMMInstallx64IntuneWin.zip |
| Administrators Guide | secRMMAdministratorGuide.pdf left click to view online right click and then "Save As" to download |
| **Additional downloads** | Additional optional downloads |

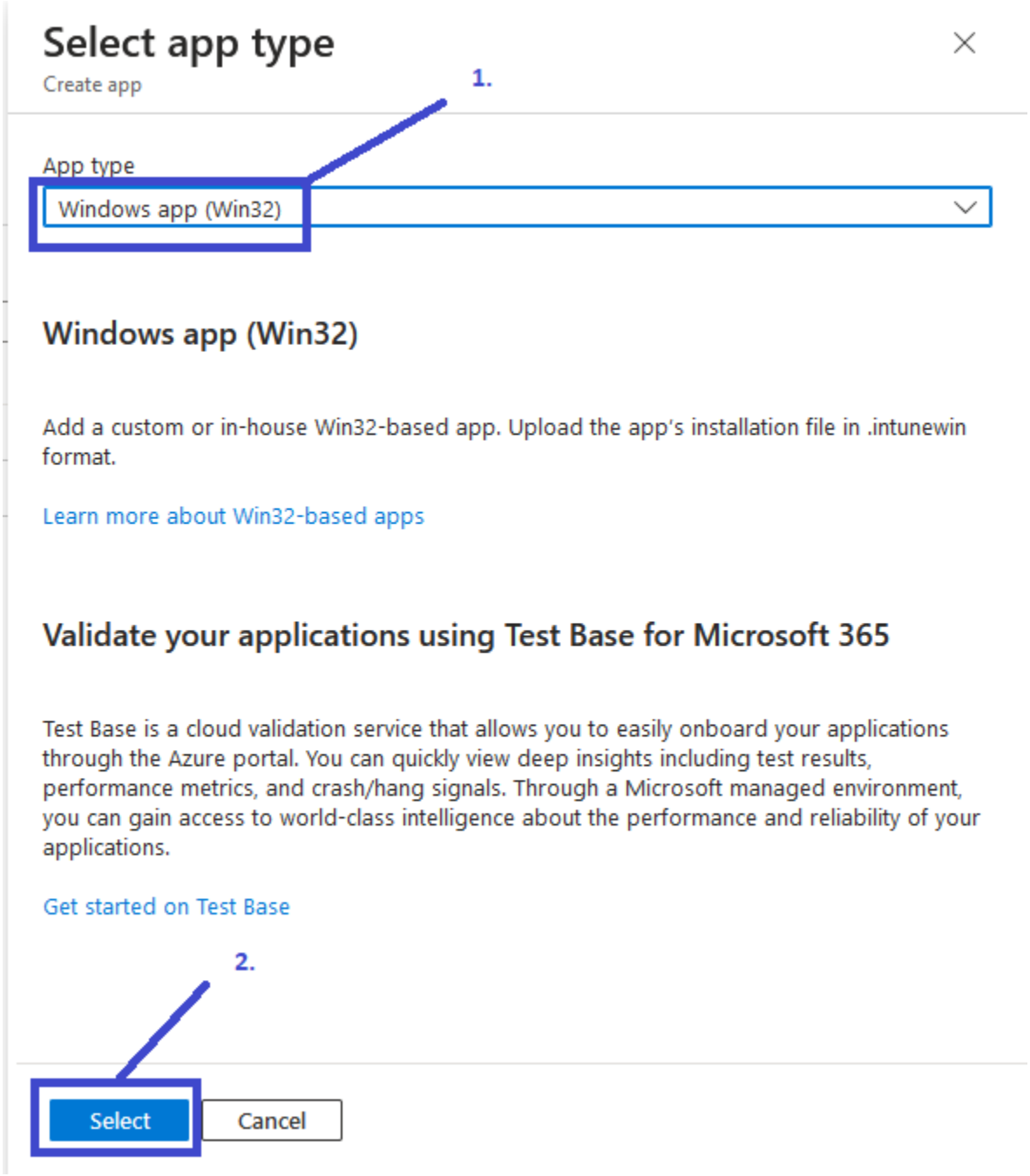
Using your web browser, go into the Microsoft Intune admin center at https://intune.microsoft.com/#home. Select 'Apps' and then under Apps->'By platform', select Windows.



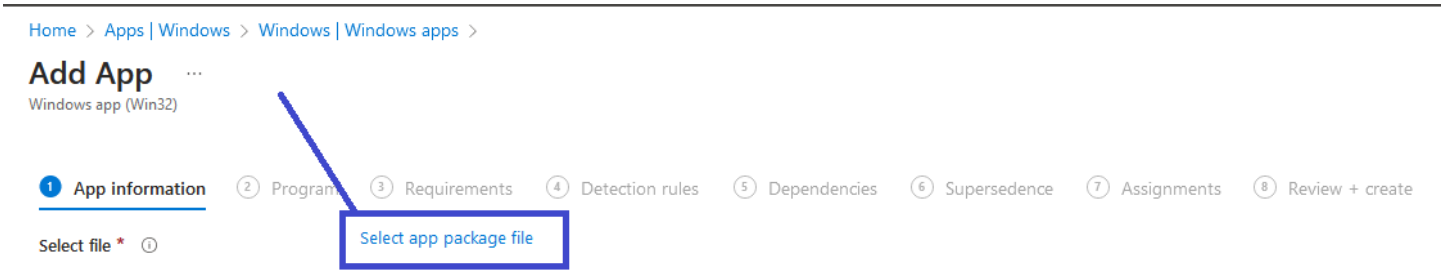

Click the Add button



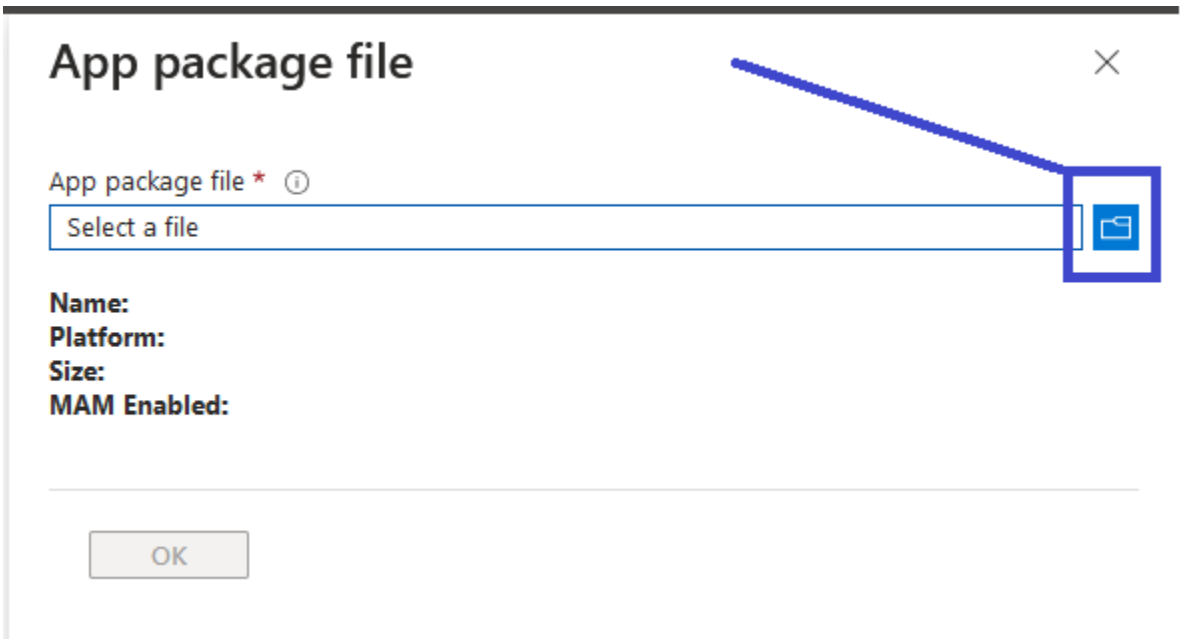

For App type, select 'Windows app (Win32) and click the 'Select' button.

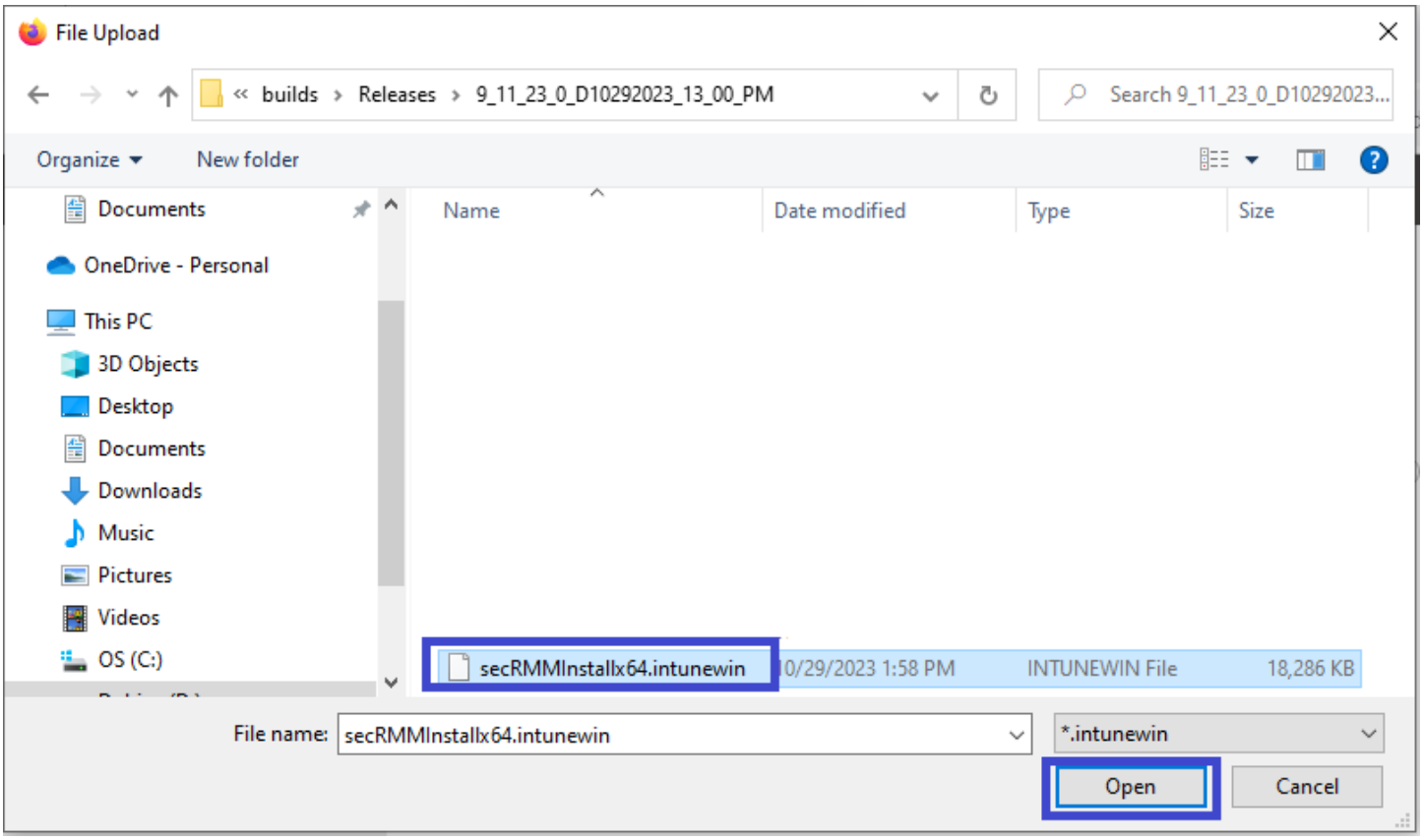


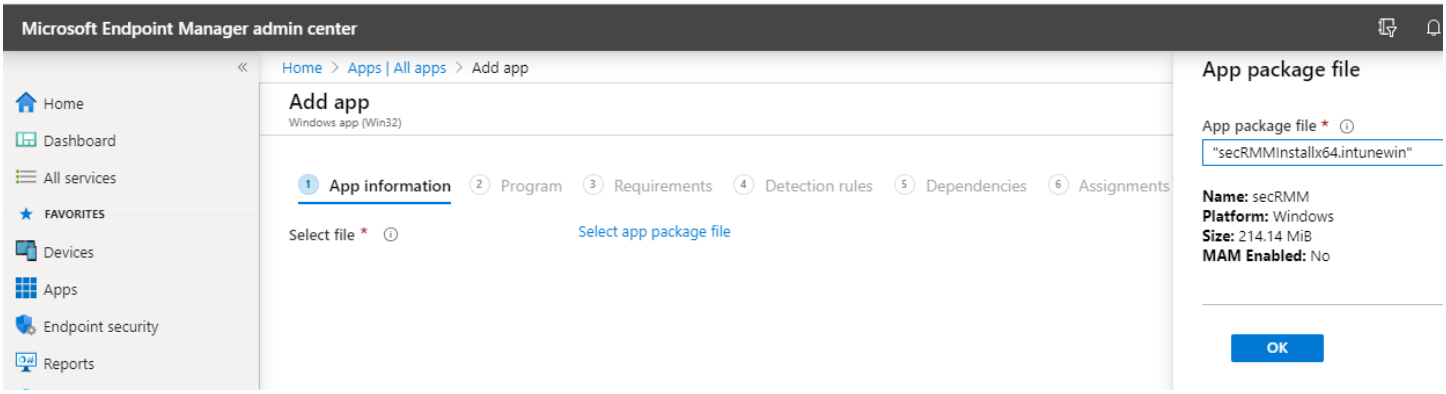

Click the 'Select app package file' link.

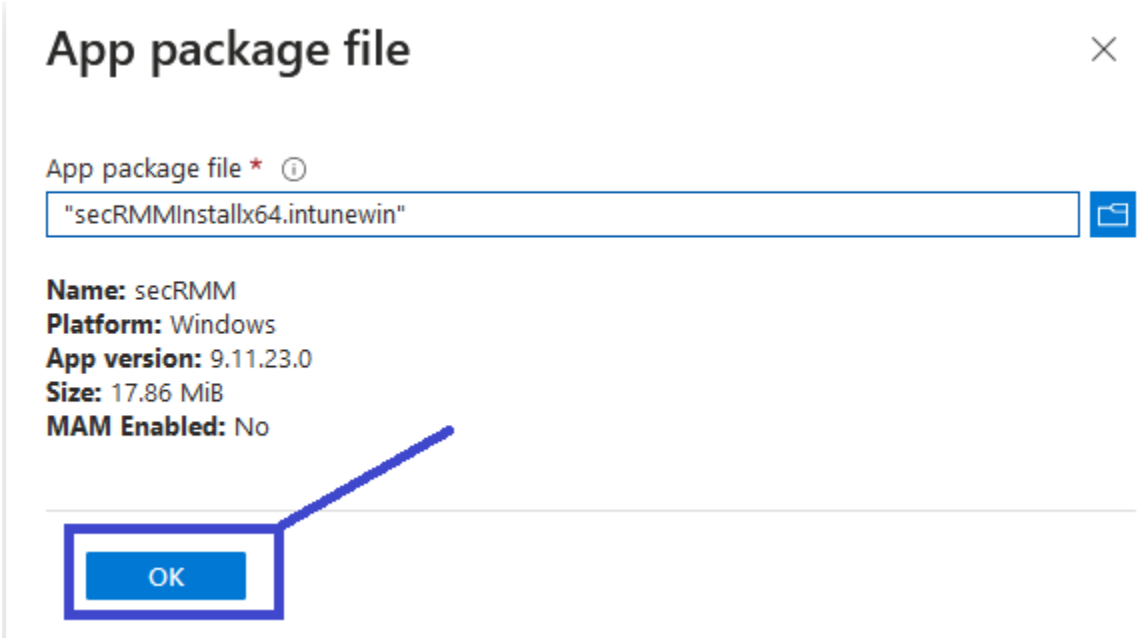


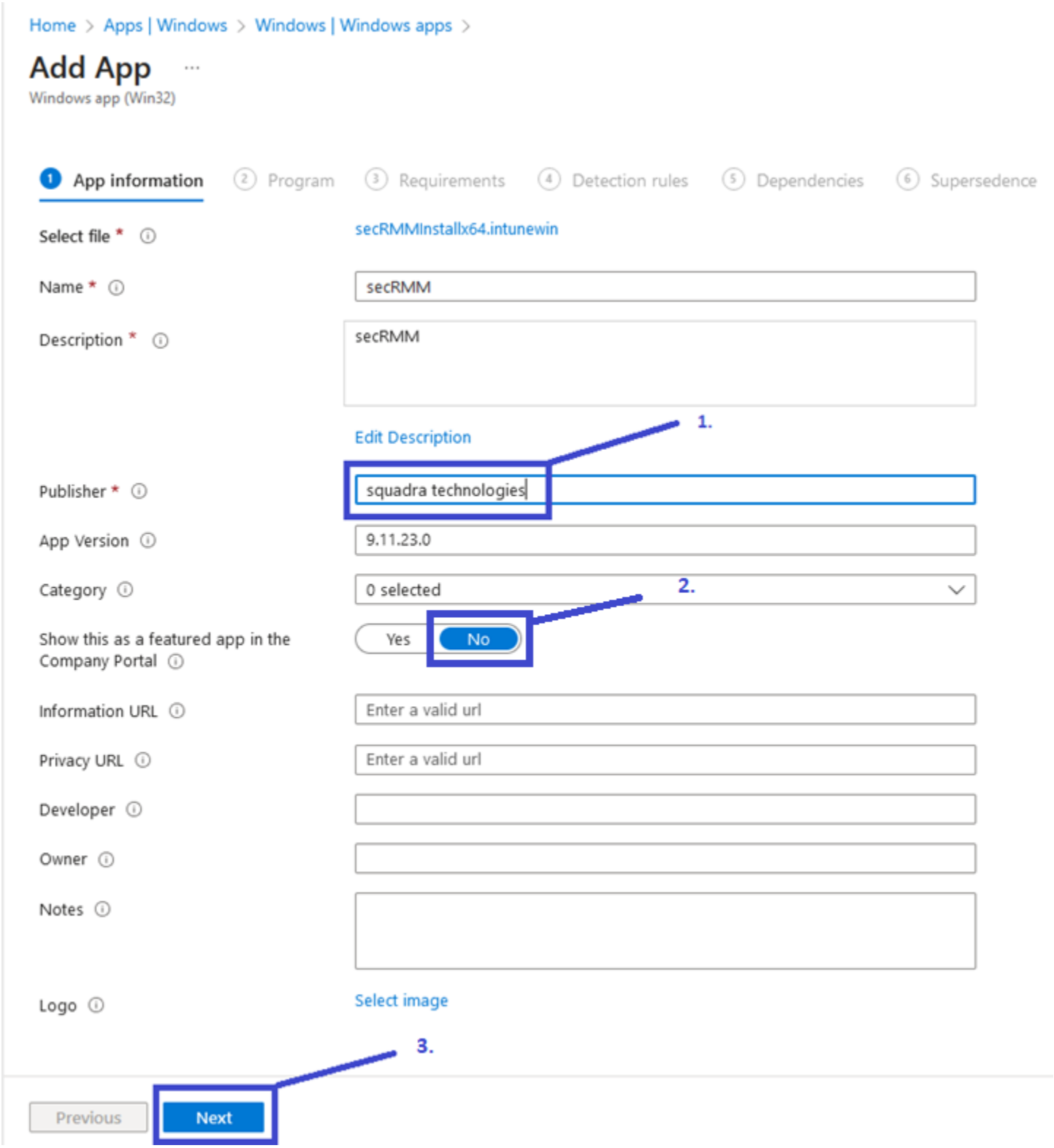

Now upload the secRMMInstallx64.intunewin file into Intune.




File Upload
builds › Releases › 9_11_23_0_D10292023_13_00_PM
Search 9_11_23_0_D10292023...
Organize
New folder
Documents
OneDrive - Personal
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
OS (C:)
Name
Date modified
Type
Size
secRMMInstallx64.intunewin
10/29/2023 1:58 PM
INTUNEWIN File
18,286 KB
File name:
secRMMInstallx64.intunewin
*.intunewin
Open
Cancel


Microsoft Endpoint Manager admin center
Home
Dashboard
All services
FAVORITES
Devices
Apps
Endpoint security
Reports
Home > Apps | All apps > Add app
Add app
Windows app (Win32)
App information
Program
Requirements
Detection rules
Dependencies
Assignments
Select file *
Select app package file
App package file
App package file *
"secRMMInstallx64.intunewin"
Name: secRMM
Platform: Windows
Size: 214.14 MiB
MAM Enabled: No
OK

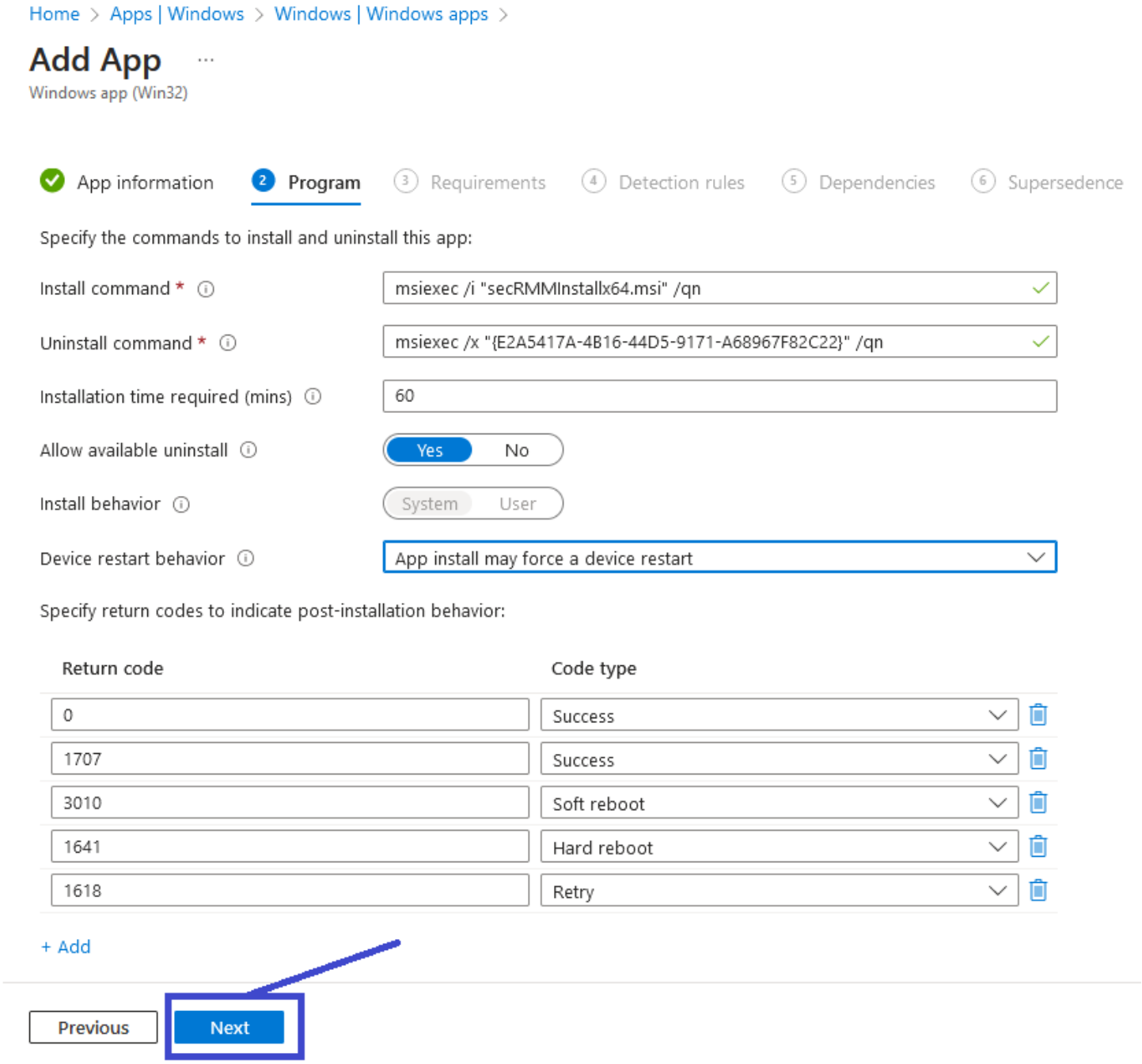

App package file
App package file *
"secRMMInstallx64.intunewin"
Name: secRMM
Platform: Windows
App version: 9.11.23.0
Size: 17.86 MiB
MAM Enabled: No
OK

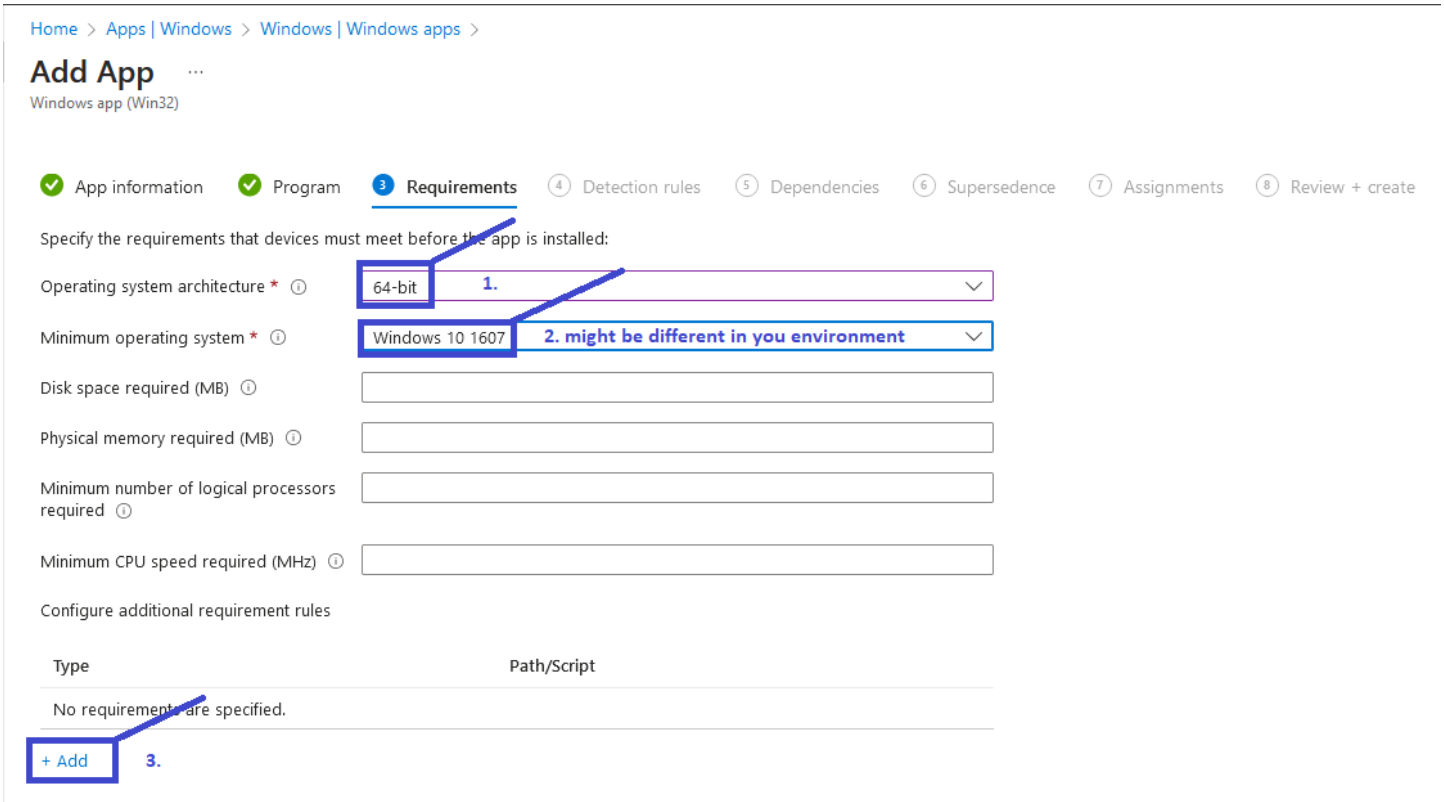



**Suppressing a reboot during a secRMM upgrade**

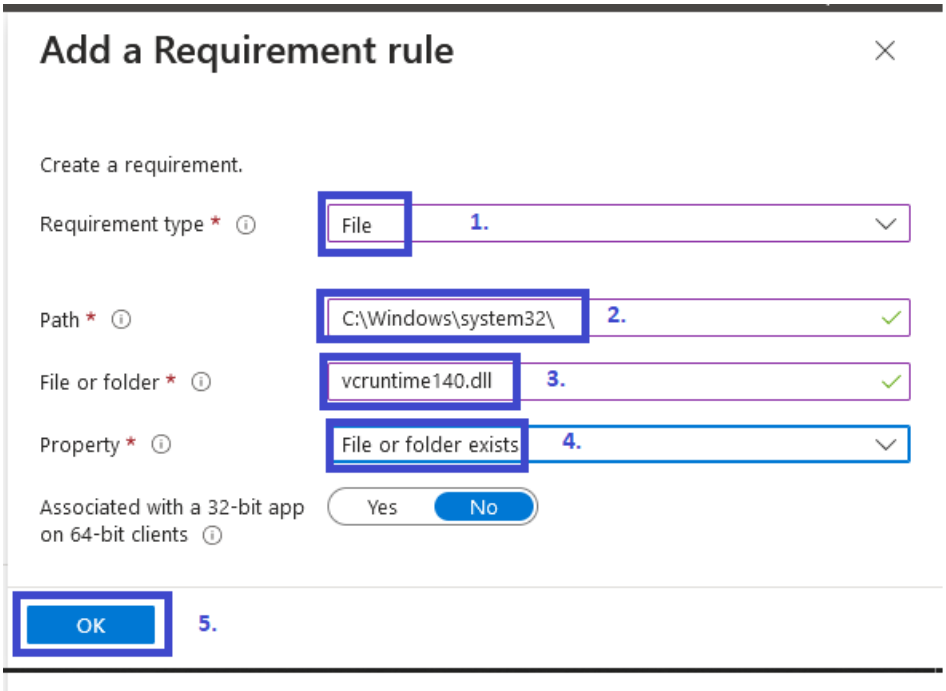
You can prevent secRMM from rebooting after a secRMM upgrade by specifying:

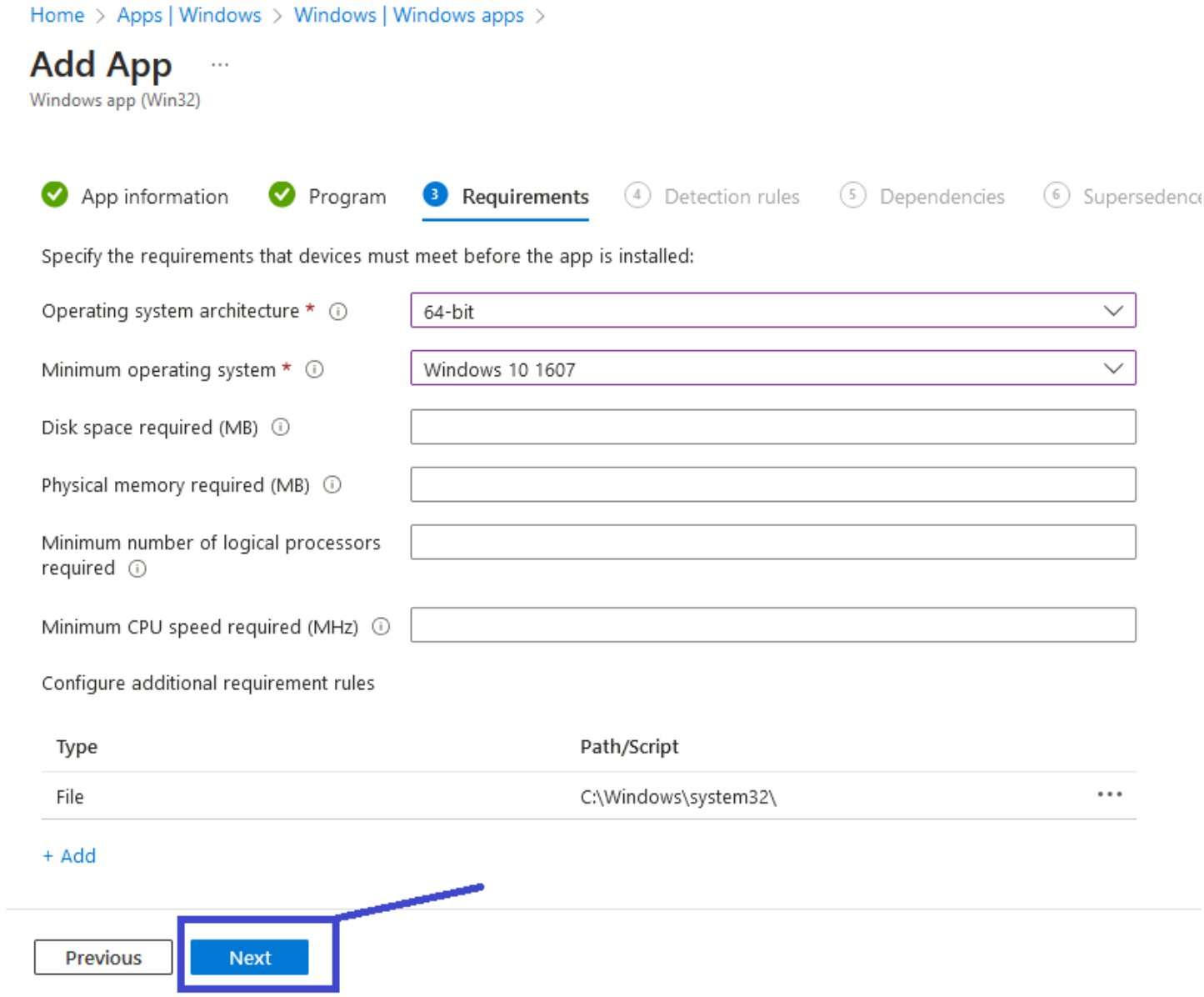
msiexec /i “secRMMInstallx64.msi” /qn REBOOT=ReallySuppress /norestart in the ‘Install command’ field.

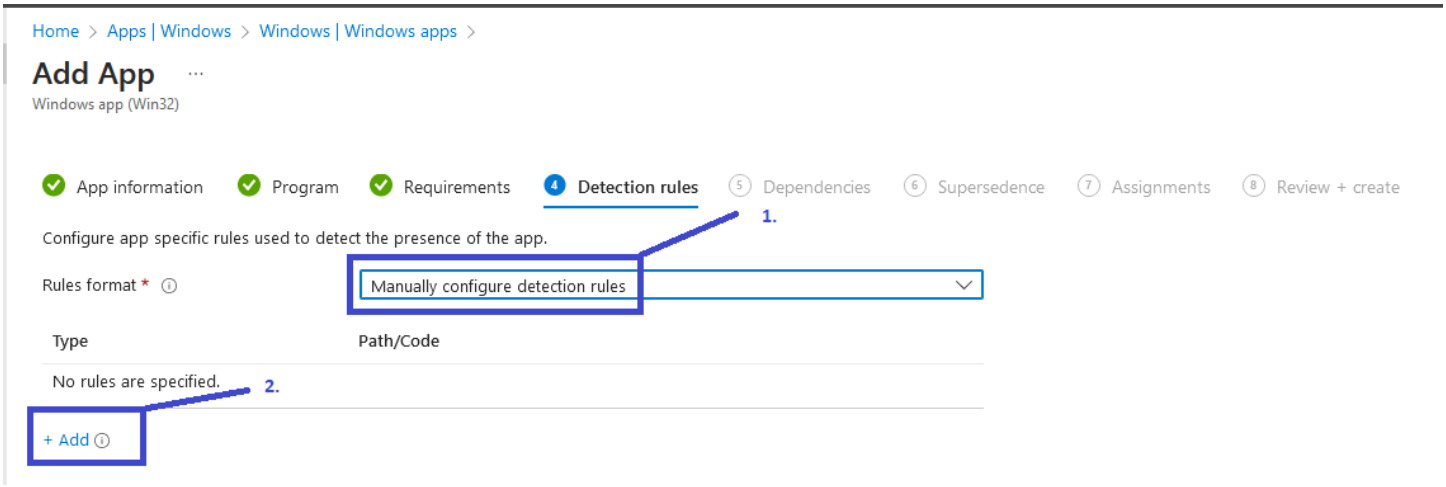




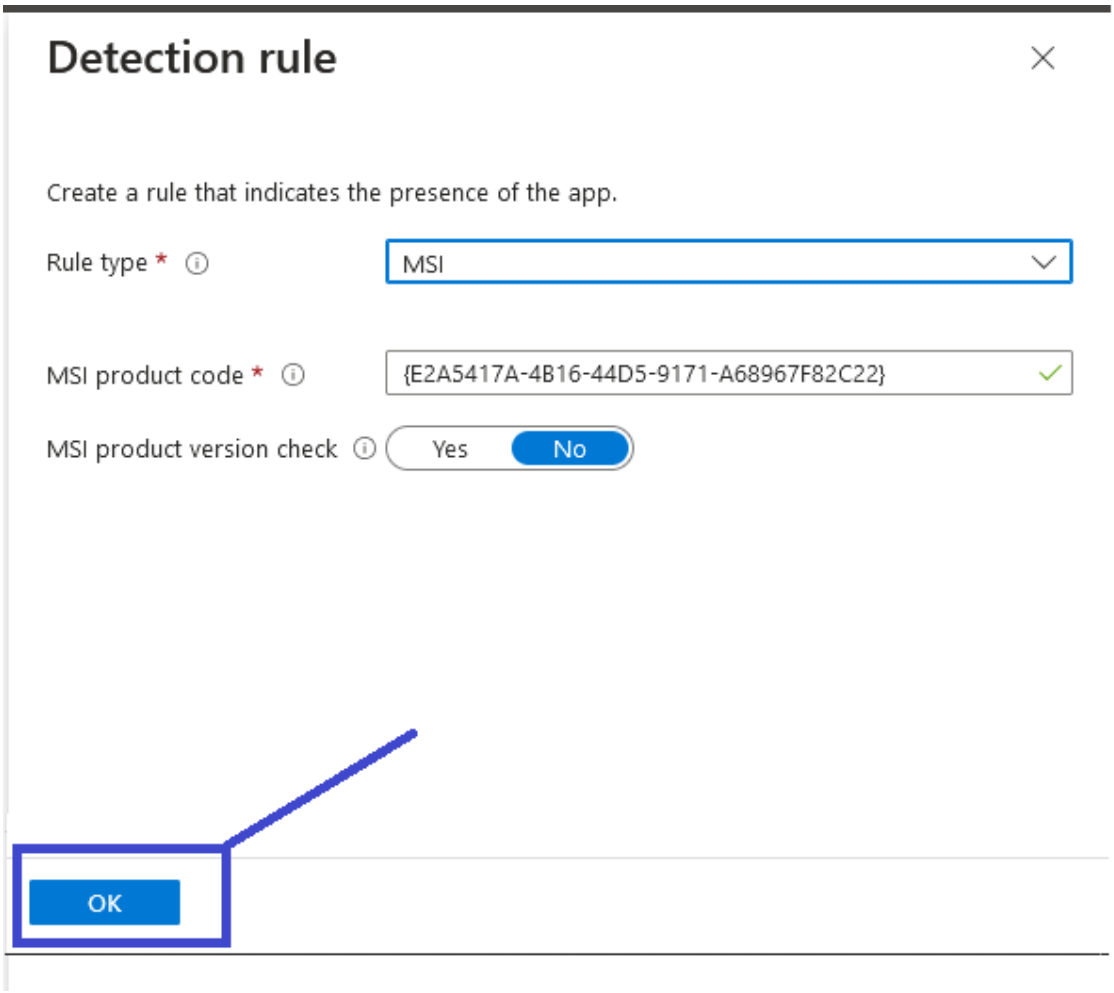

For 'Add a Requirement rule' (you may want to copy-and-paste these values so they are not mistyped):
Path = C:\Windows\system32\
File or folder = vcruntime140.dll

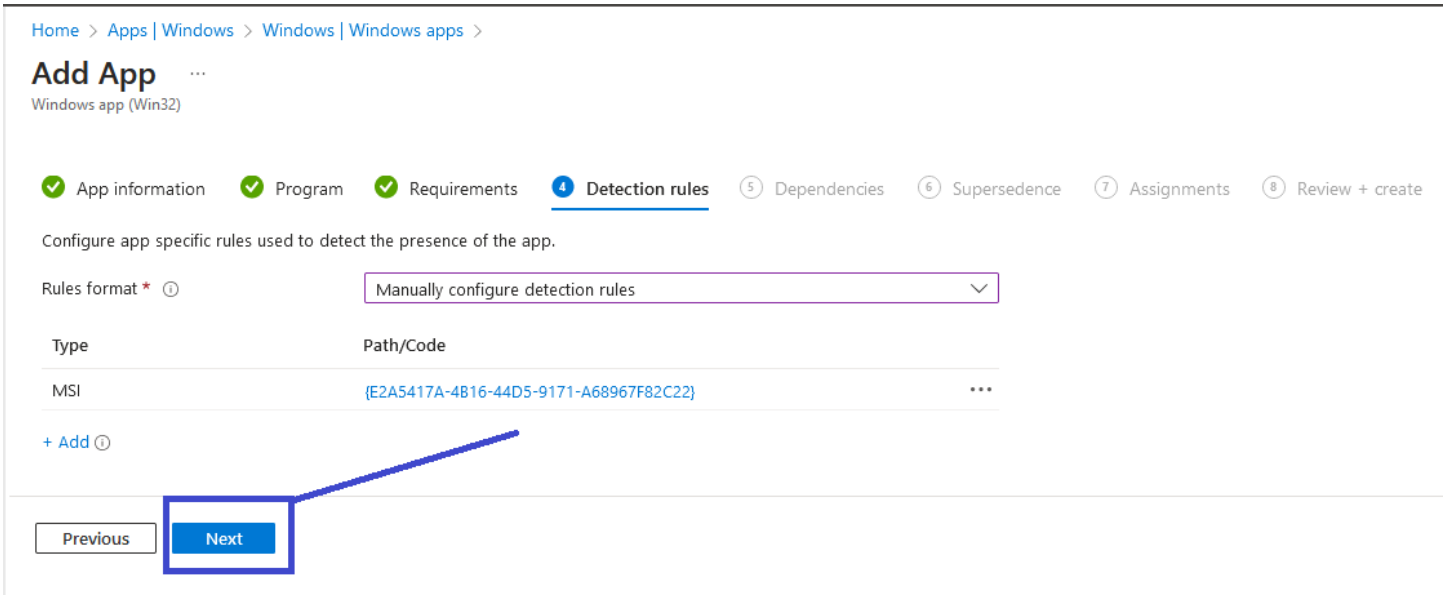


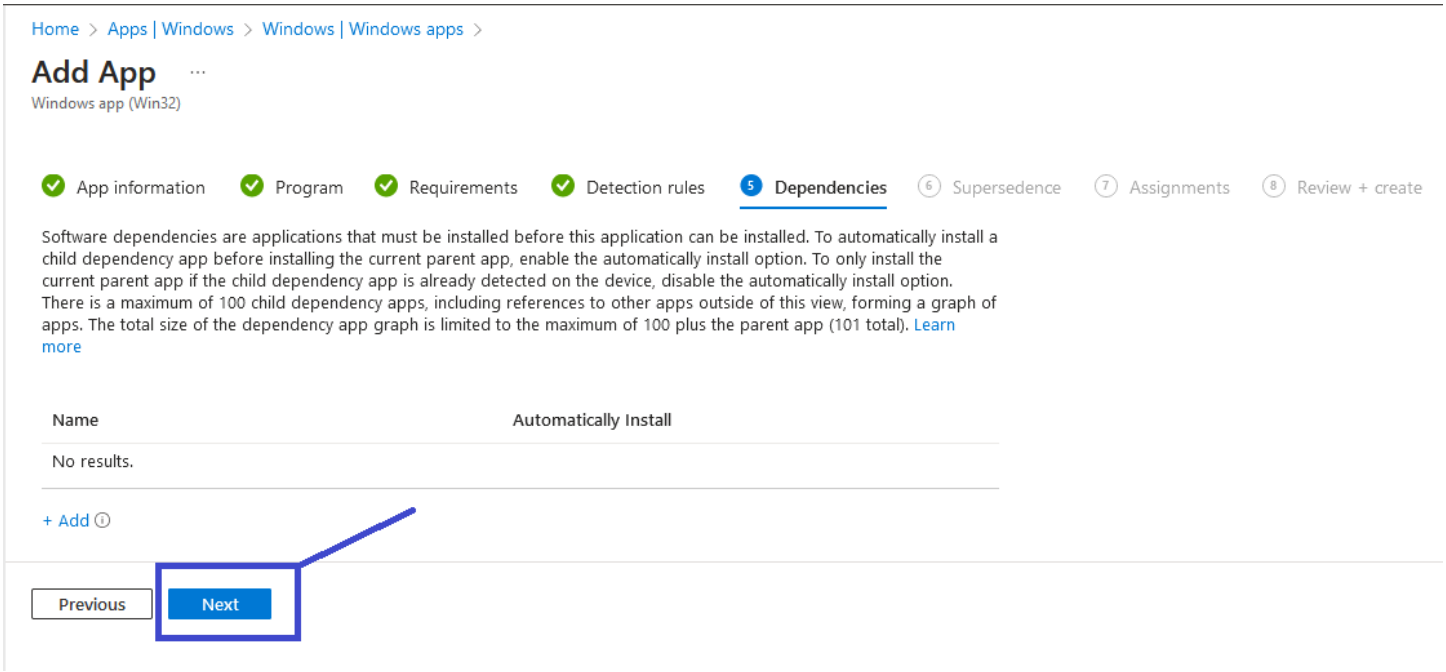

Home > Apps | Windows > Windows | Windows apps >
Add App
Windows app (Win32)
App information
Program
3 Requirements
4 Detection rules
5 Dependencies
6 Supersedence
Specify the requirements that devices must meet before the app is installed:
Operating system architecture *
64-bit
Minimum operating system *
Windows 10 1607
Disk space required (MB)
Physical memory required (MB)
Minimum number of logical processors required
Minimum CPU speed required (MHz)
Configure additional requirement rules
Type
Path/Script
File
C:\Windows\system32\
+ Add
Previous
Next

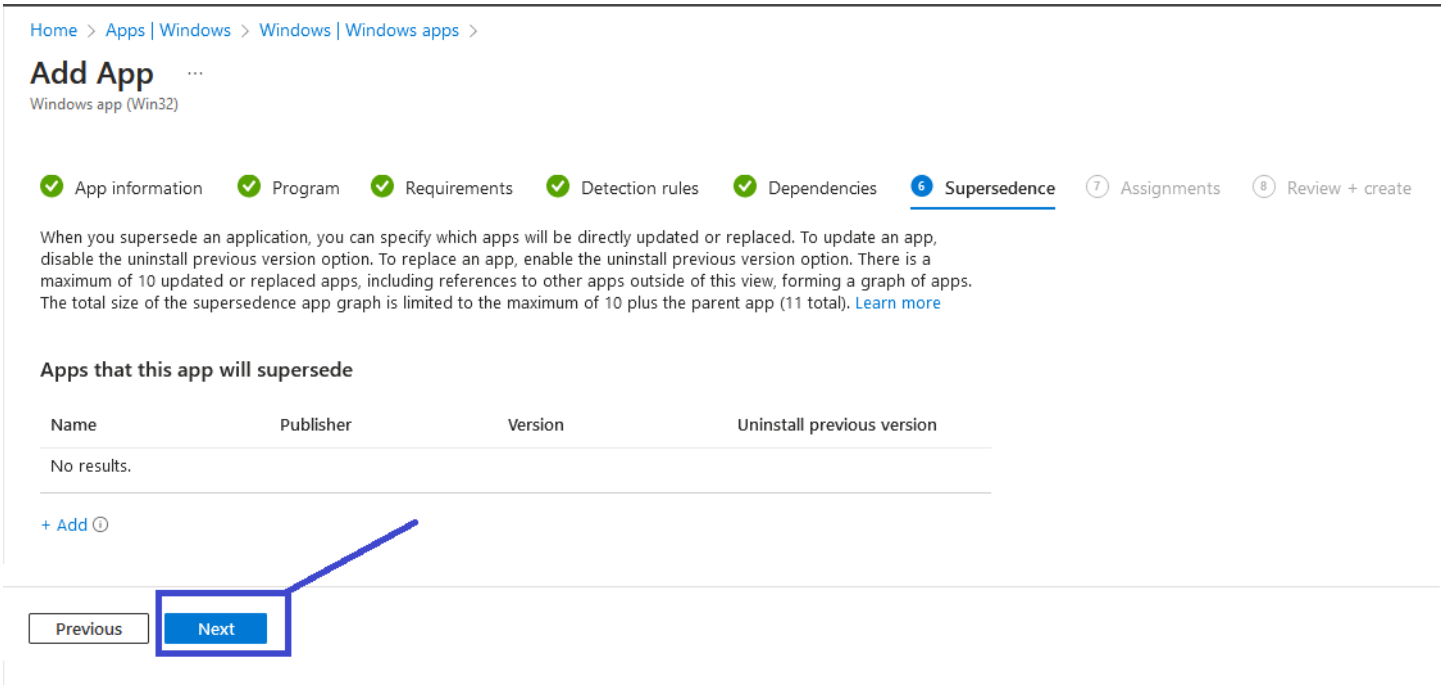



Note that Intune figures out the 'MSI product code' (see screenshot below) for you by reading the secRMMInstallx64.intunewin file you supplied above. Every secRMM version will have a unique 'MSI product code'. If you want to ever check what secRMM product code is installed on one of your computers, you can run the program:
C:\Program Files\secRMM\AdminUtils\GetSecRMMProductCode.cmd

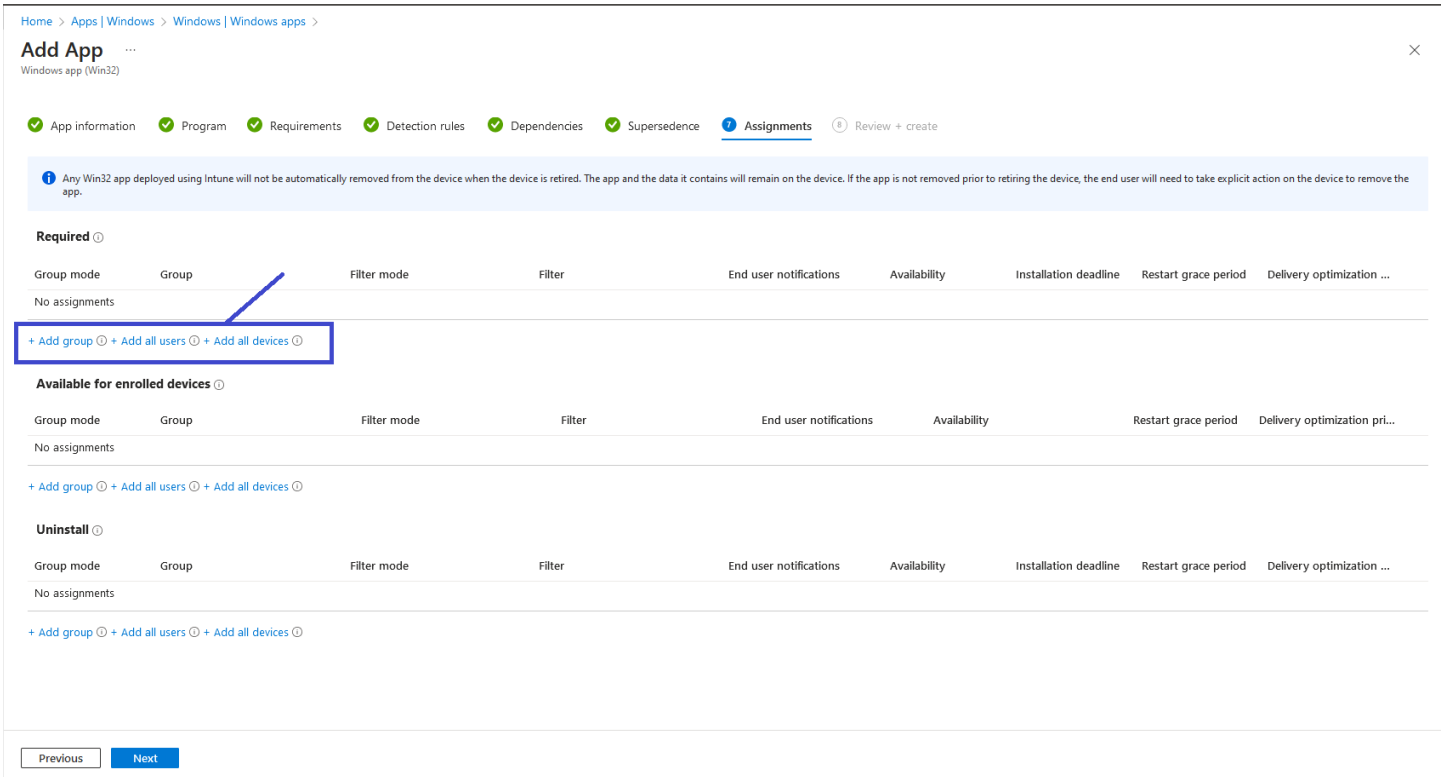



Home > Apps | Windows > Windows | Windows apps >
Add App
Windows app (Win32)
App information
Program
Requirements
4 Detection rules
5 Dependencies
6 Supersedence
7 Assignments
8 Review + create
Configure app specific rules used to detect the presence of the app.
Rules format * Manually configure detection rules
Type
Path/Code
MSI
{E2A5417A-4B16-44D5-9171-A68967F82C22}
+ Add
Previous
Next

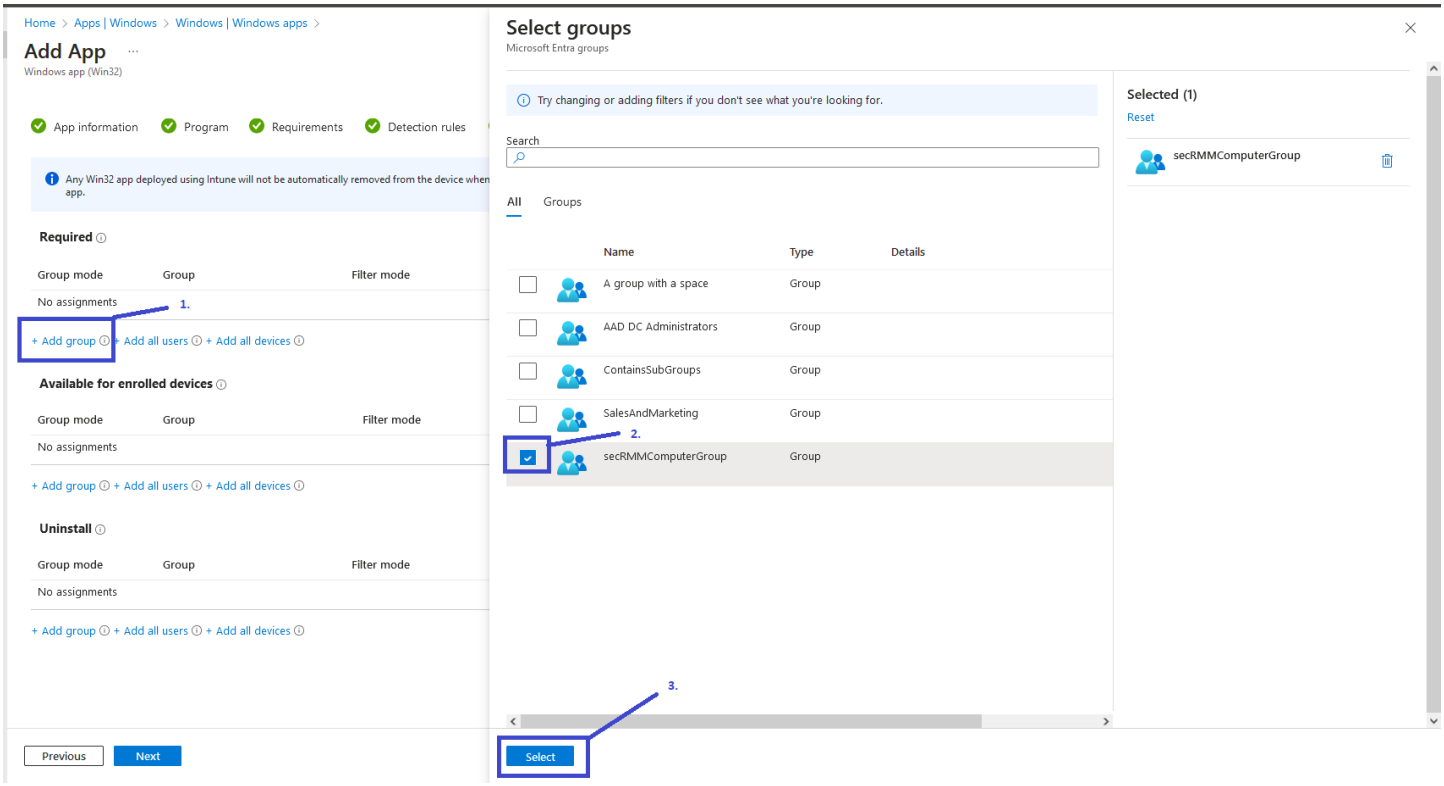

Home > Apps | Windows > Windows | Windows apps >
Add App
Windows app (Win32)
App information
Program
Requirements
Detection rules
5 Dependencies
6 Supersedence
7 Assignments
8 Review + create
Software dependencies are applications that must be installed before this application can be installed. To automatically install a child dependency app before installing the current parent app, enable the automatically install option. To only install the current parent app if the child dependency app is already detected on the device, disable the automatically install option. There is a maximum of 100 child dependency apps, including references to other apps outside of this view, forming a graph of apps. The total size of the dependency app graph is limited to the maximum of 100 plus the parent app (101 total). Learn more
Name
Automatically Install
No results.
+ Add
Previous
Next

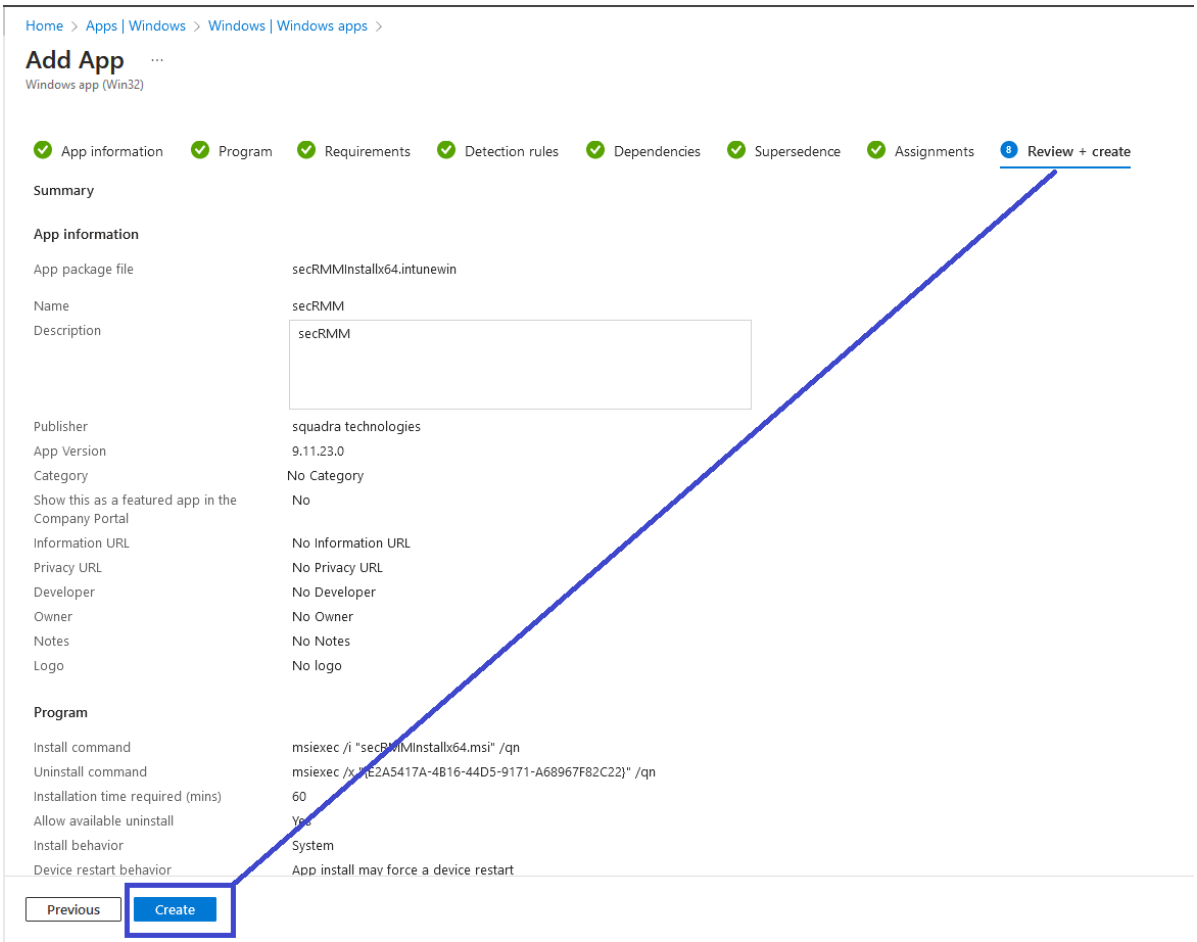



The Assignments page is where you will assign the secRMM installation to either a group of computer or users. Logically, we think it makes the most sense to make assignments to computers but it works just the same if you chose to use user groups.

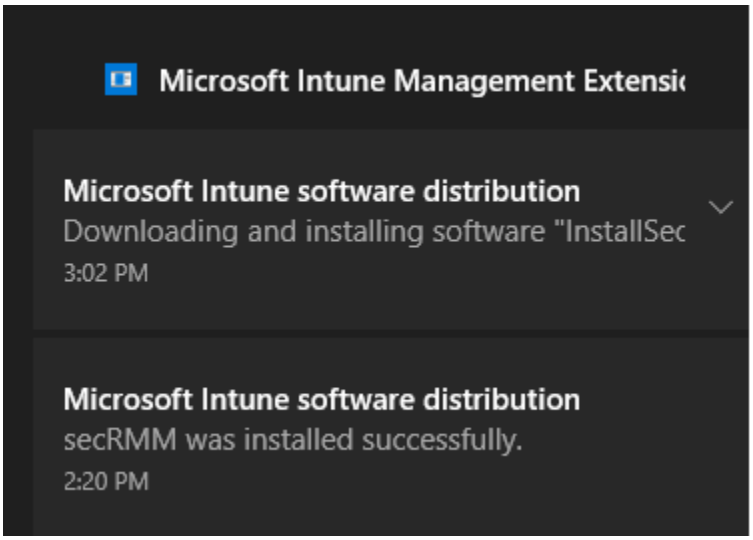


The next screenshot is an example of the steps.  Your environment will likely have different group names (than our Intune development/demo environment) however, at least you can see what it will look like when you make the assigmnets.






Now secRMM will be deployed to the Windows 10/11 computers being managed by Microsoft Azure Intune.



## secRMM License file

### Create an Intunewin file

The secRMM license file needs to be copied to each computer running secRMM in your environment. You receive the secRMM license file from Squadra Technologies. If you are deploying secRMM with Intune for a test and do not yet have a secRMM license file, you can skip this step. secRMM will run (fully functional) for 30 days. Once you do get a secRMM license file, you can come back to this section.

The secRMM license file is deployed with Intune using an Intunewin file. The install and uninstall scripts are in the secRMMDeployment.zip (in the Licensing\Distribution\Intune directory) which you can download from the Squadra Technologies web site.

After you have unzipped the secRMMDeployment.zip, follow the steps below:

1. copy the secRMM license file(s) for your company to the source_folder directory (Licensing\Distribution\Intune\source_folder). You get the secRMM license file(s) from Squadra technologies. Please email support@squadratechnologies.com to request your license file(s).

If you want to customize the secRMM error message to the end-user, copy a secRMMErrorMessageToEndUser.txt file to the source_folder directory (Licensing\Distribution\Intune\source_folder).

If you want to customize the secRMM.ini file, copy a secRMM.ini file to the source_folder directory (Licensing\Distribution\Intune\source_folder).

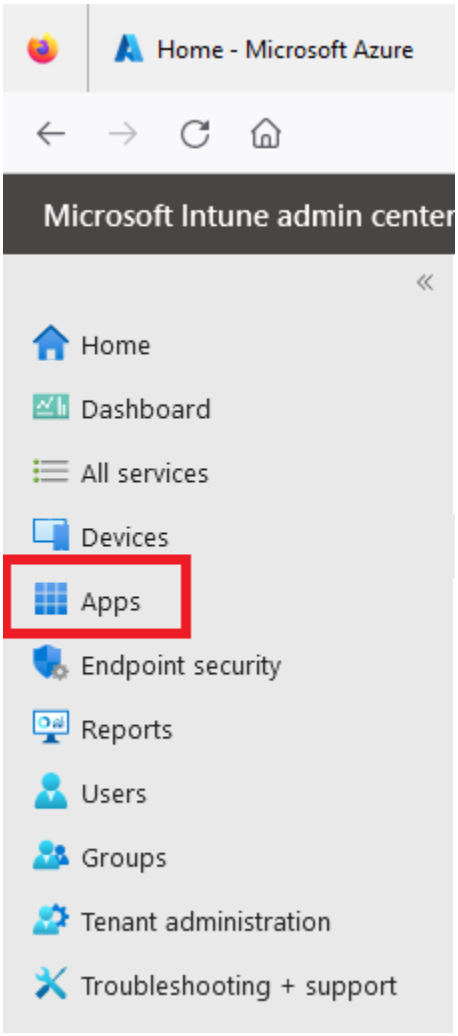
2. Run the batch file CreateIntuneWinAppForSecRMMLicense.cmd which is in the directory Licensing\Distribution\Intune. NOTE: You must run this as an Administrator account and 'Run As Administrator'.

3. The output of step 2 above is the Intune WinApp file. It is located in the output_folder directory ((Licensing\Distribution\Intune\output_folder)). The name of the Intune WinApp file is InstallSecRMMLicenseViaIntune.intunewin.

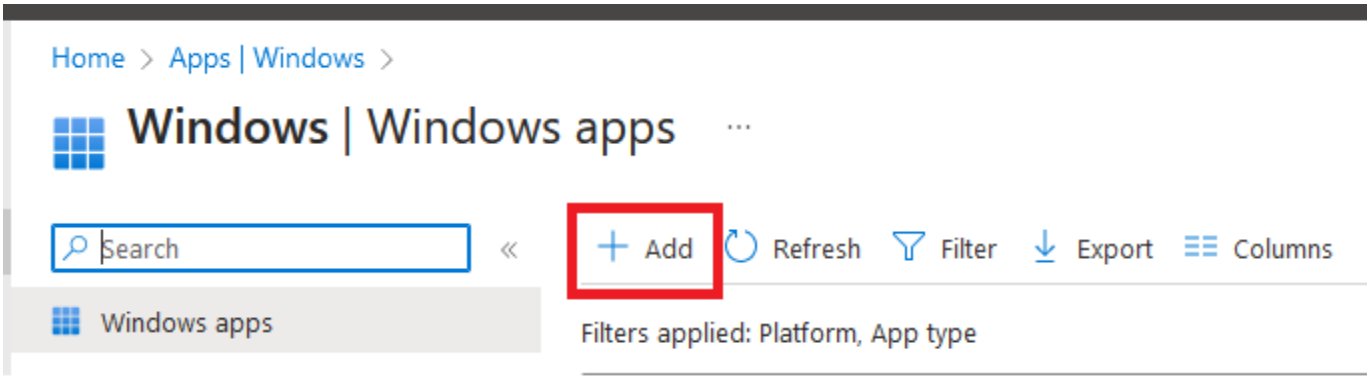
## Deploy the Intunewin file within Intune

Now that you have created an Intunewin file that will deploy the secRMM license file (from the section above), you can deploy the Intunewin file using Intune.

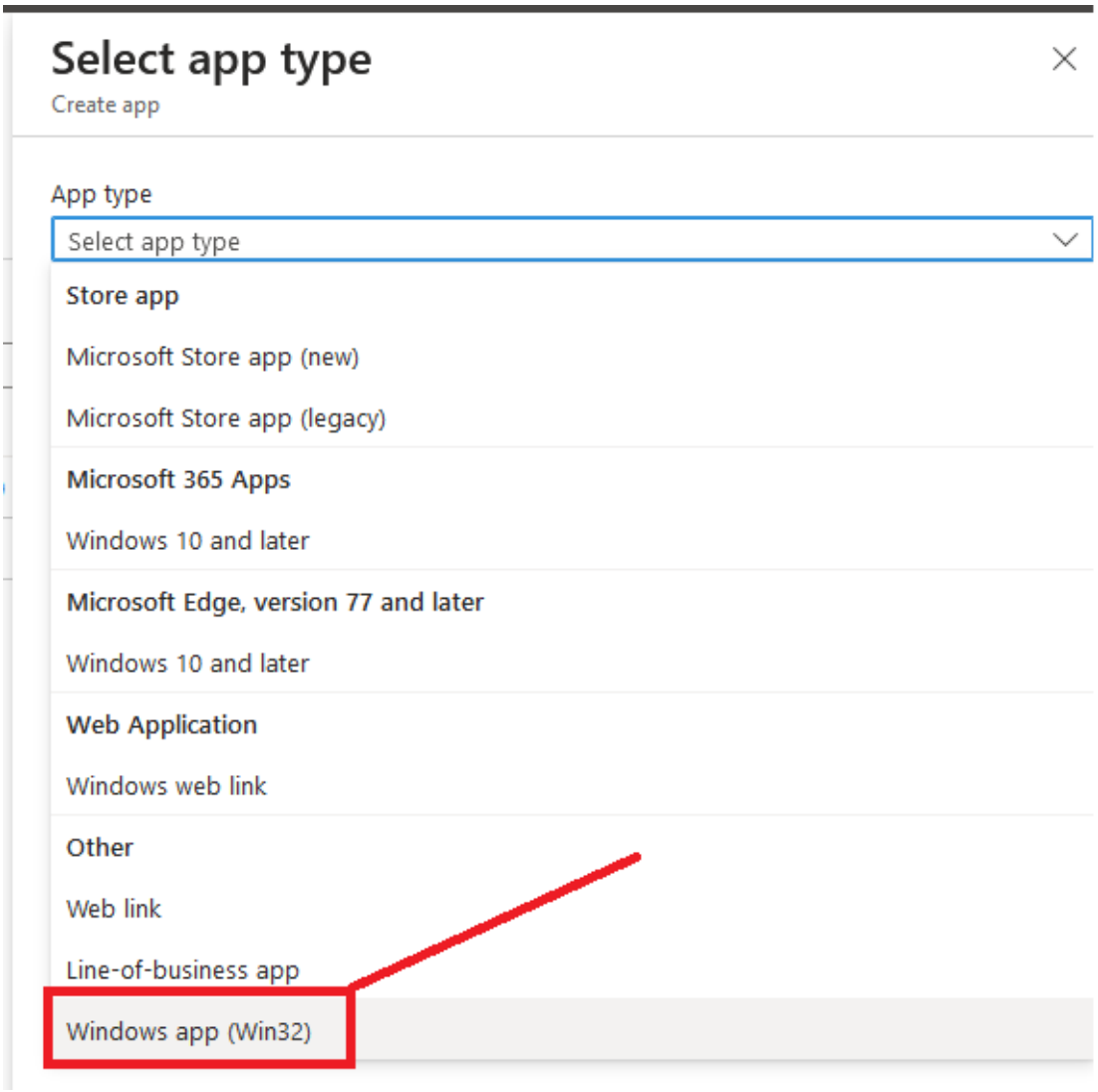
From the Intune admin center, click Apps as shown in the screenshot below.



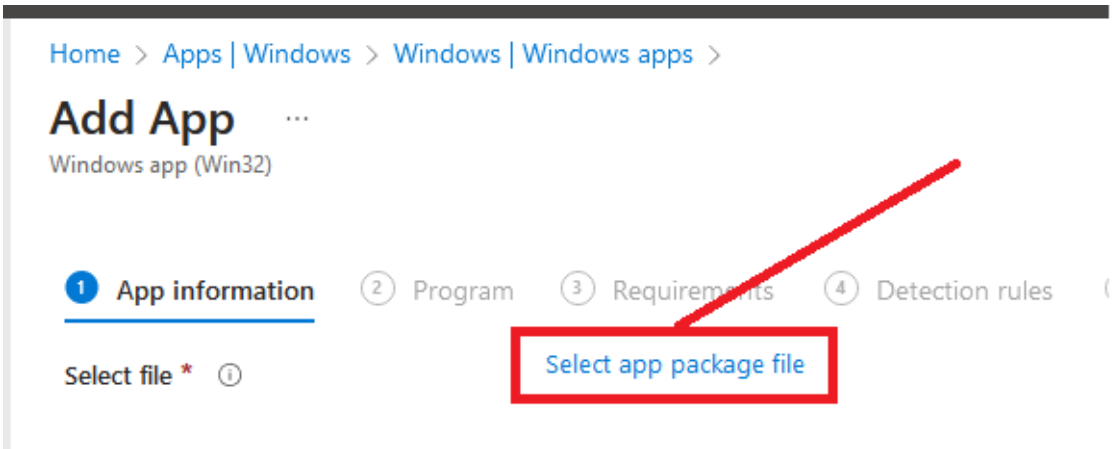

Click Add as shown in the screenshot below.



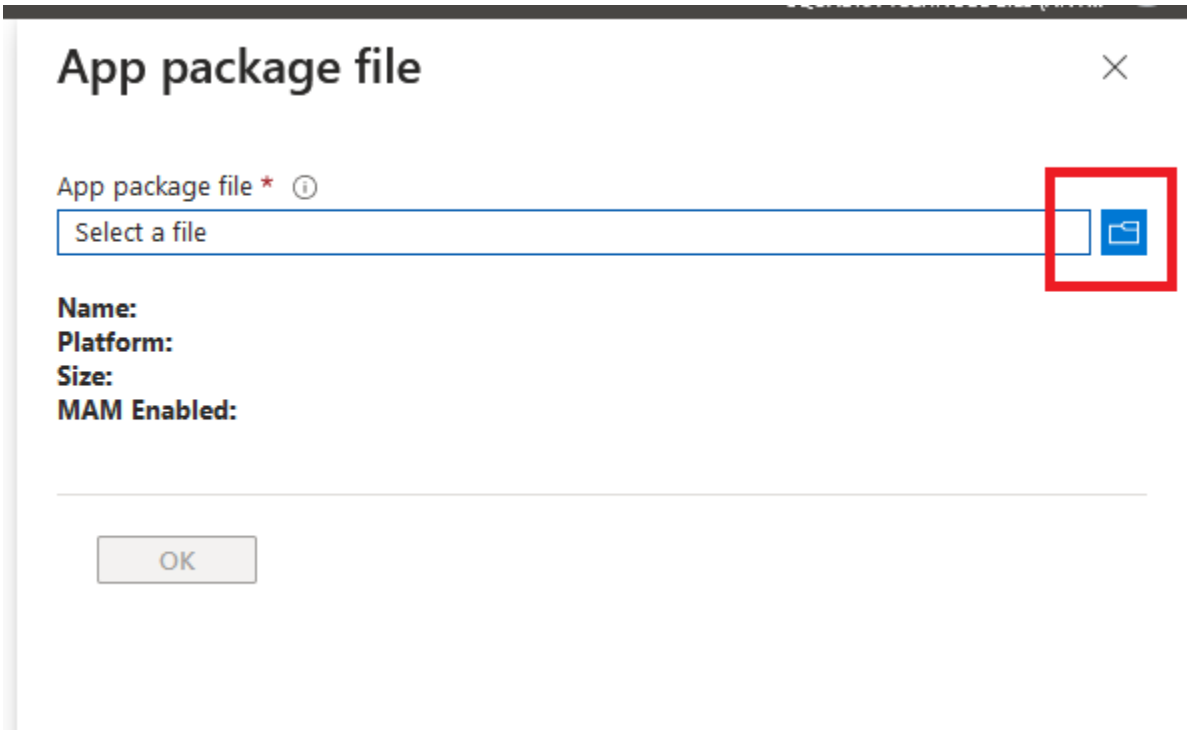

Select 'Windows app (Win32)' as the 'App type' as shown in the screenshot below.

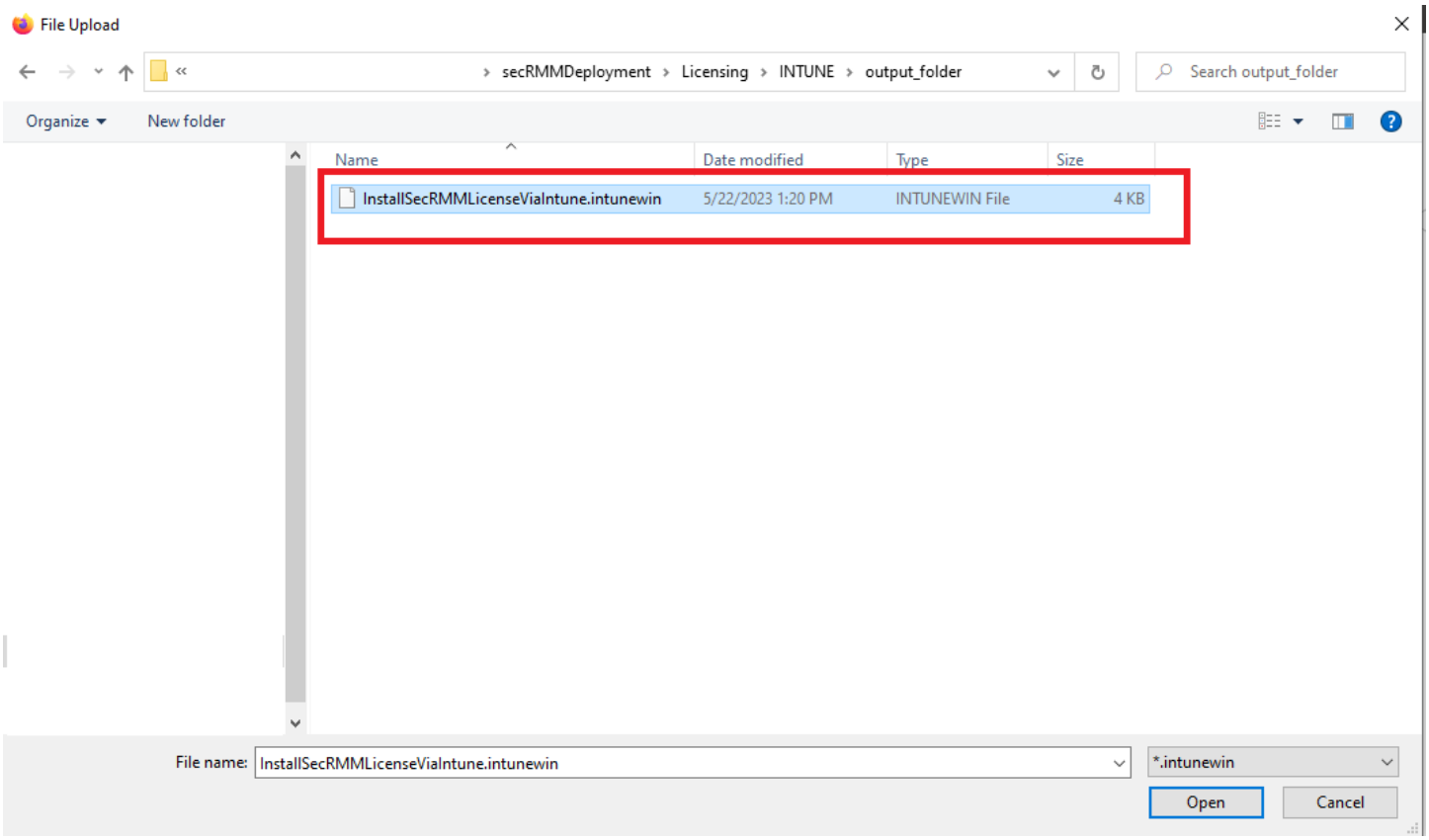


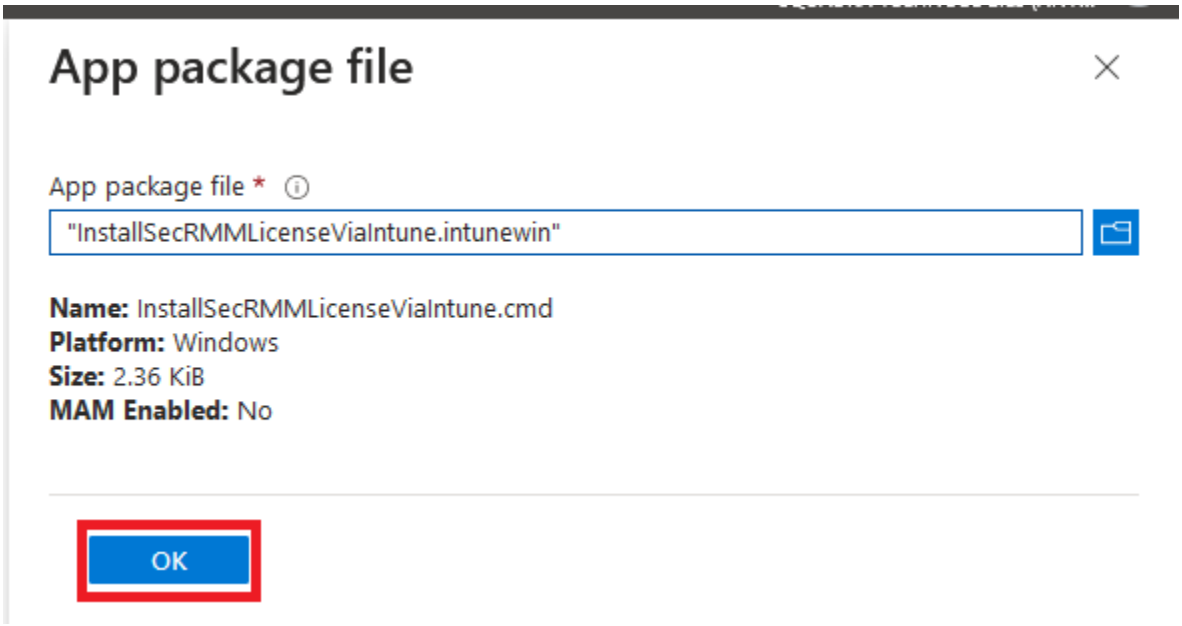

Click the 'Select app package file' as shown in the screenshot below.



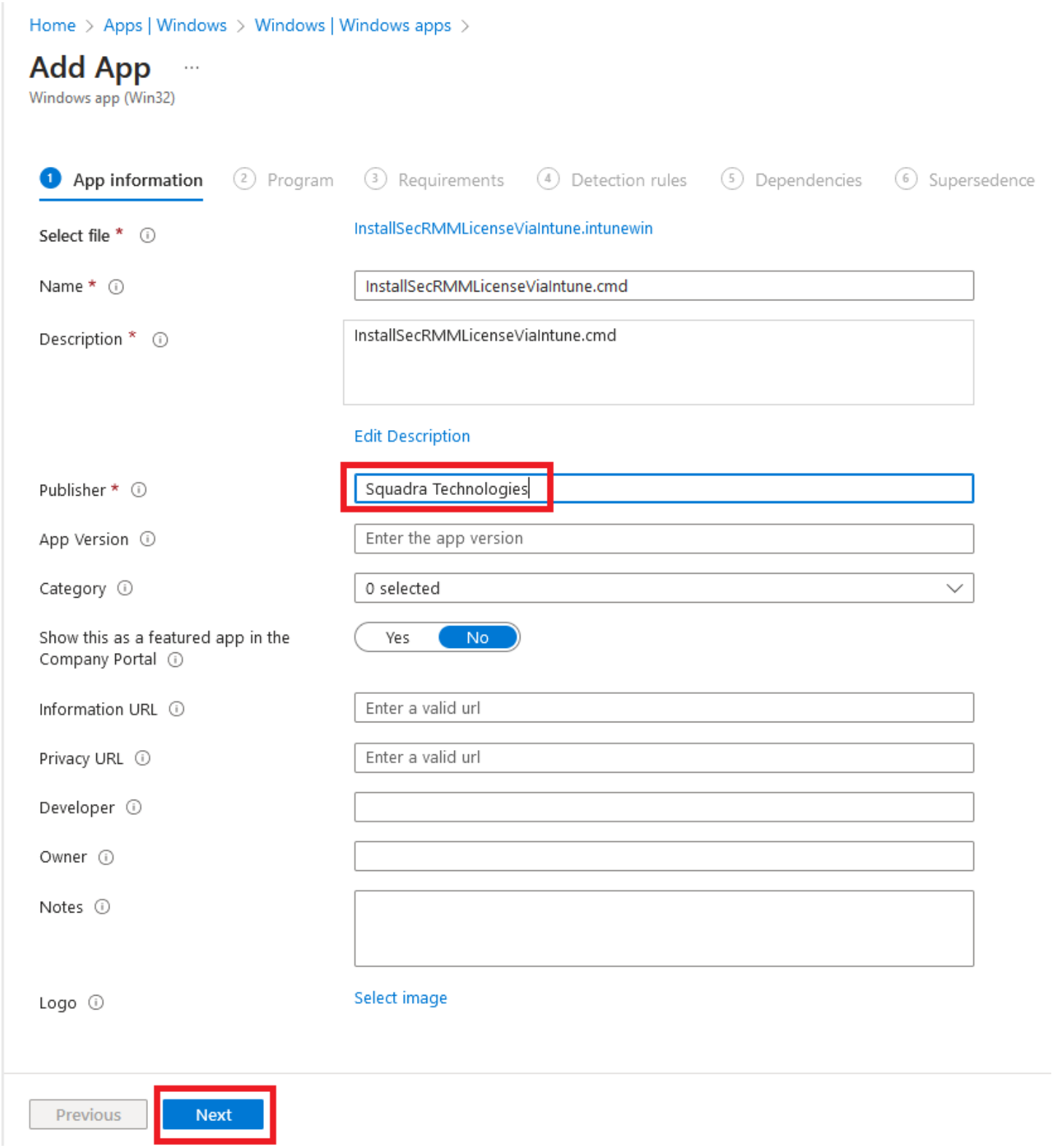
Select the InstallSecRMMLicenseViaIntune.intunewin file that is in the output_folder (you created this Intunewin file above in the section subtitled 'Create an Intunewin file') as shown in the 3 screenshots below.






In the 'App information' tab, enter 'Squadra Technologies' as the 'Publisher' and then click the 'Next' button as shown in the screenshot below.

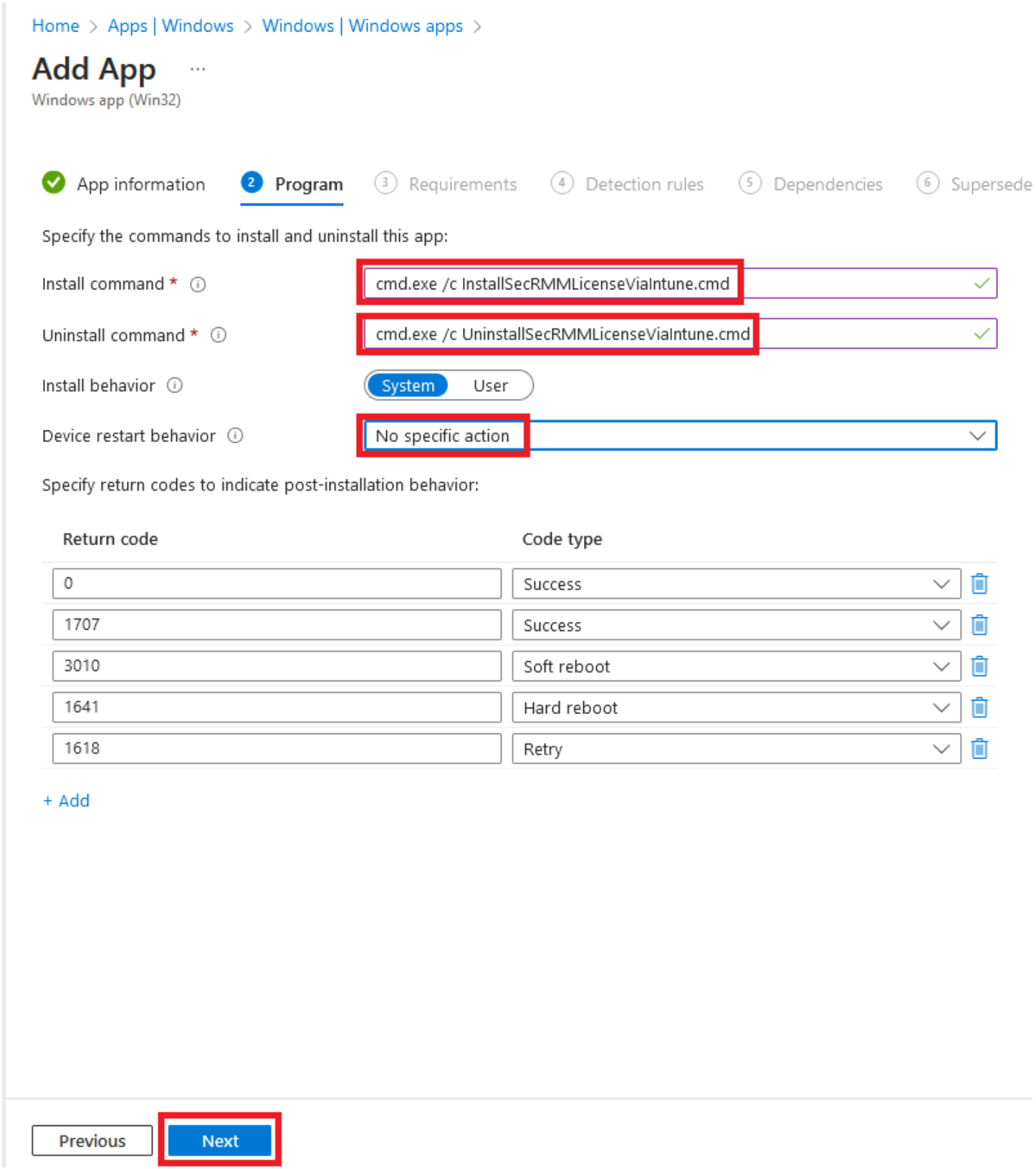



In the 'Program' tab, for 'Install command', enter:
**`cmd.exe /c InstallSecRMMLicenseViaIntune.cmd`**

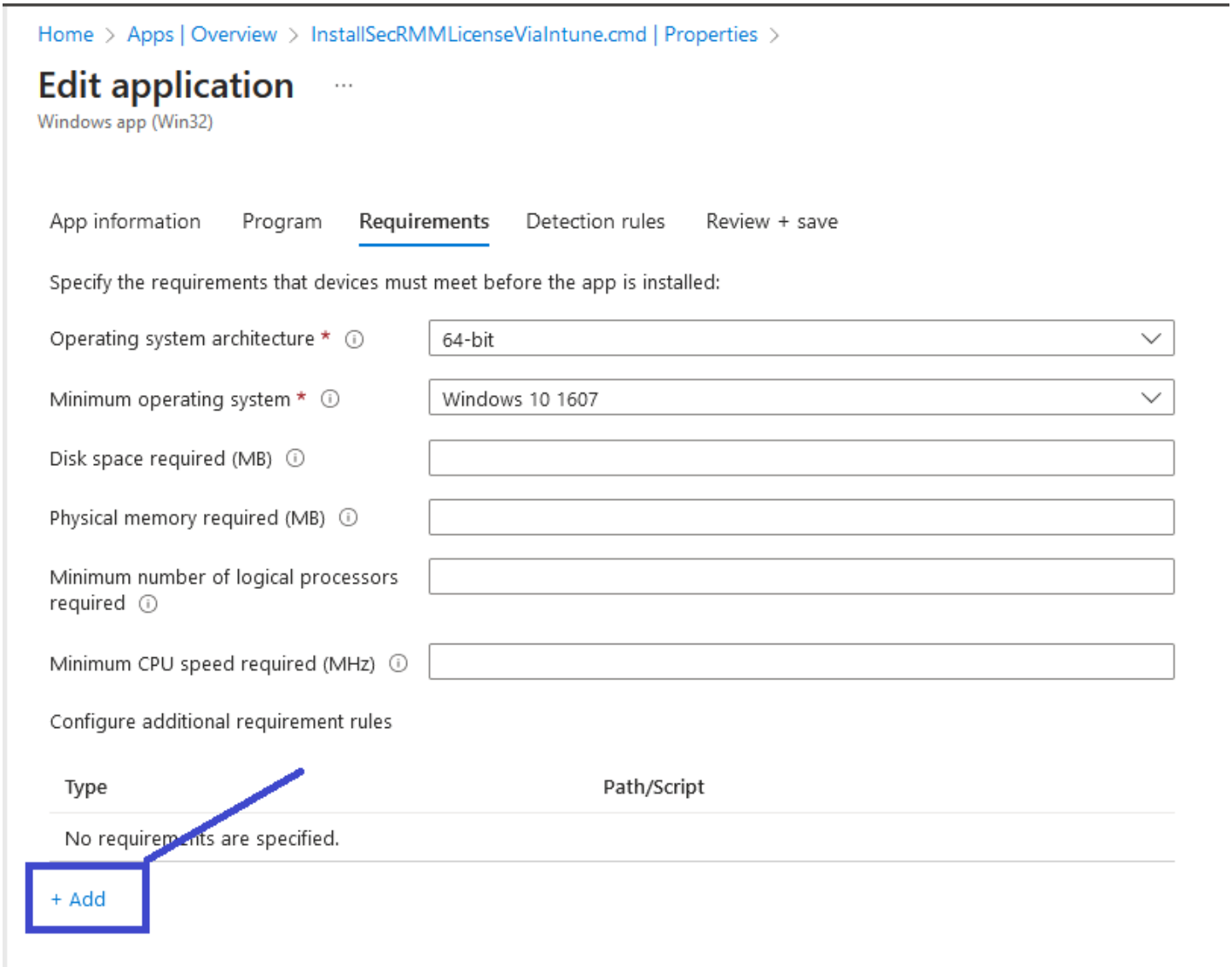
For ‘Uninstall command’, enter:
**cmd.exe /c UninstallSecRMMLicenseViaIntune.cmd**

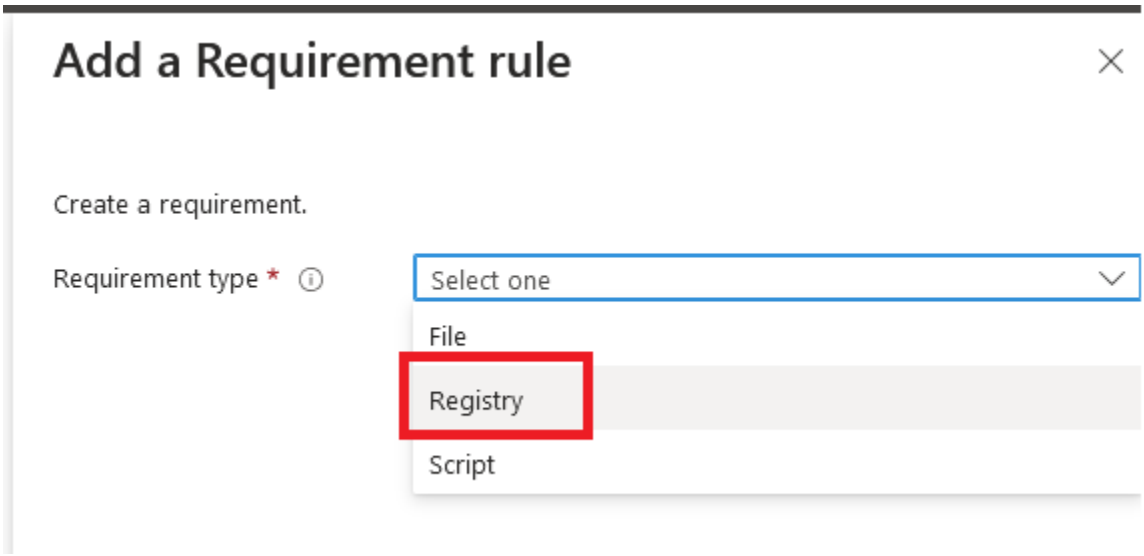
For ‘Device restart behavior’, click the drop-down listbox and select:
**No specific action**

Now click the ‘Next’ button as shown in the screenshot below.

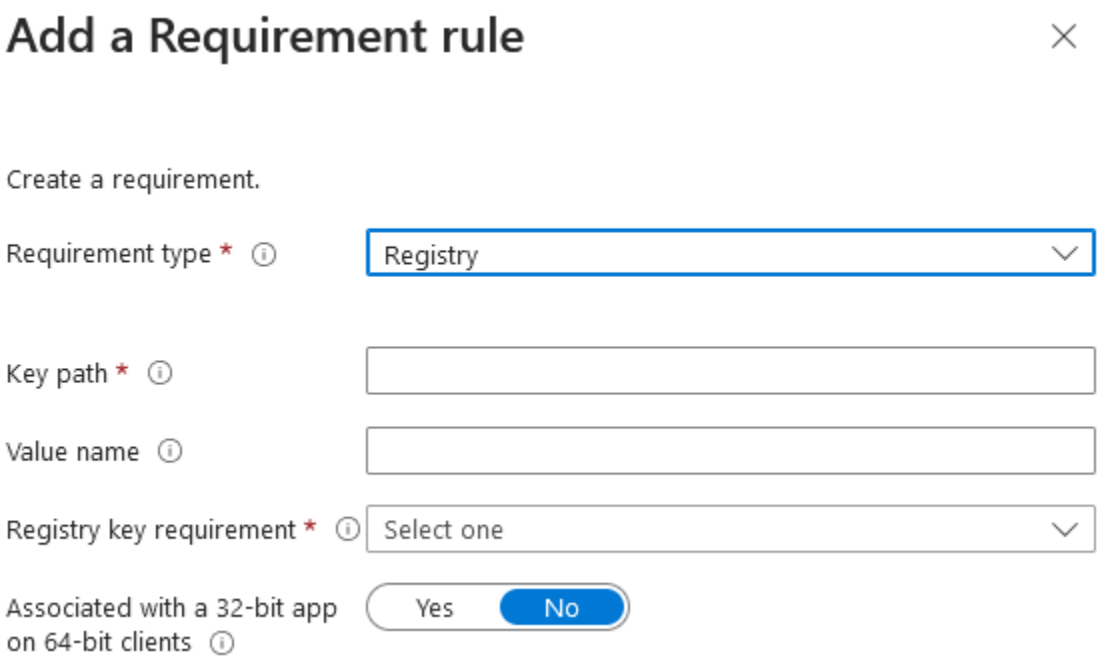

Home > Apps | Windows > Windows | Windows apps >
Add App
Windows app (Win32)
App information
2 Program
3 Requirements
4 Detection rules
5 Dependencies
6 Supersede
Specify the commands to install and uninstall this app:
Install command *
cmd.exe /c InstallSecRMMLicenseViaIntune.cmd
Uninstall command *
cmd.exe /c UninstallSecRMMLicenseViaIntune.cmd
Install behavior
System
User
Device restart behavior
No specific action
Specify return codes to indicate post-installation behavior:
Return code
Code type
0
Success
1707
Success
3010
Soft reboot
1641
Hard reboot
1618
Retry
+ Add
Previous
Next

In the 'Requirements' tab, you will need to select both the 'Operating system architecture' and the 'Minimum operating system'. If you have both secRMM running in both 32-bit and 64-bit, be sure to check both checkboxes for the 'Operating system architecture'. For the 'Configure additional requirement rules', click the '+ Add' link. Select 'Registry' for the 'Requirement type' as shown in the screenshot below.





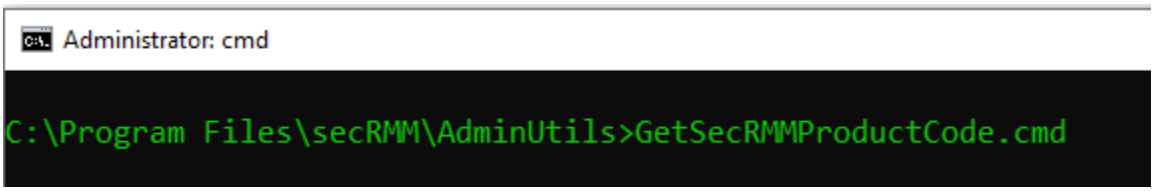

The 'Registry Requirement rule' we want to create will tell Intune to only run this App for computers running secRMM. To do this, the 'Key path' value will need the 'Windows product code' for the secRMM version you are running on your endpoint Windows computers. The 'Windows product code' is different/unique for each version of secRMM.

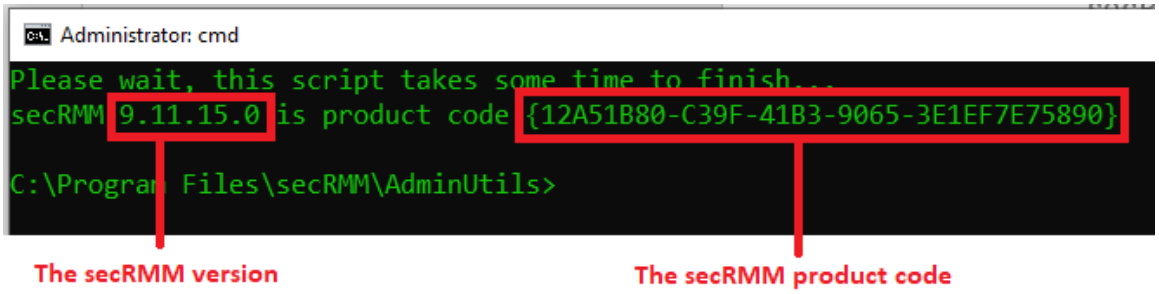


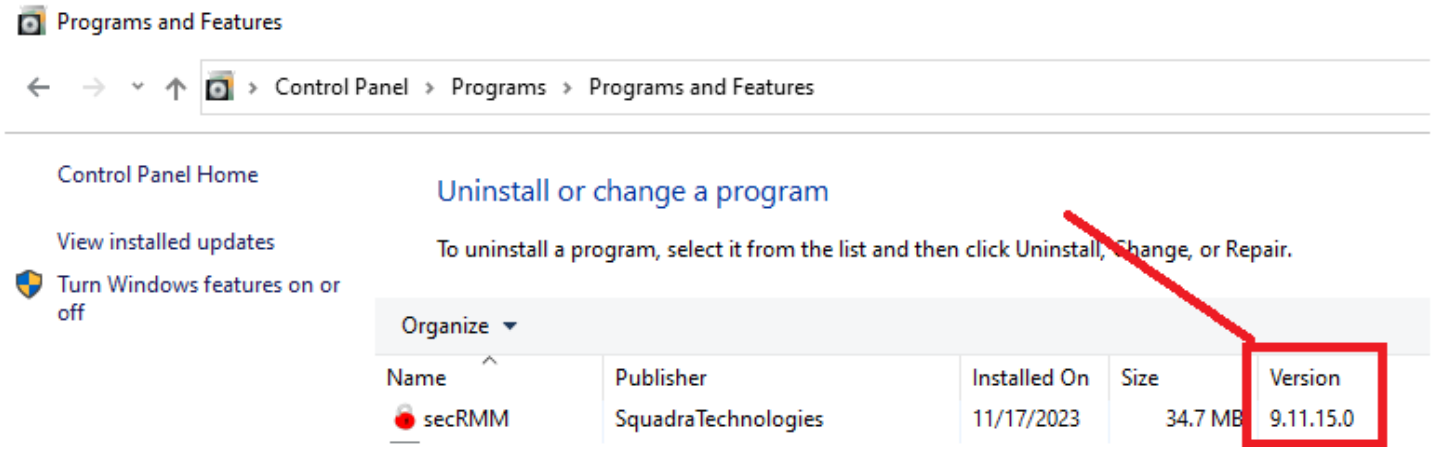

To get the 'Windows product code' for the version of secRMM you are running on your Windows endpoint computers, you can run a secRMM script on one of the Windows endpoint computers in your environment.

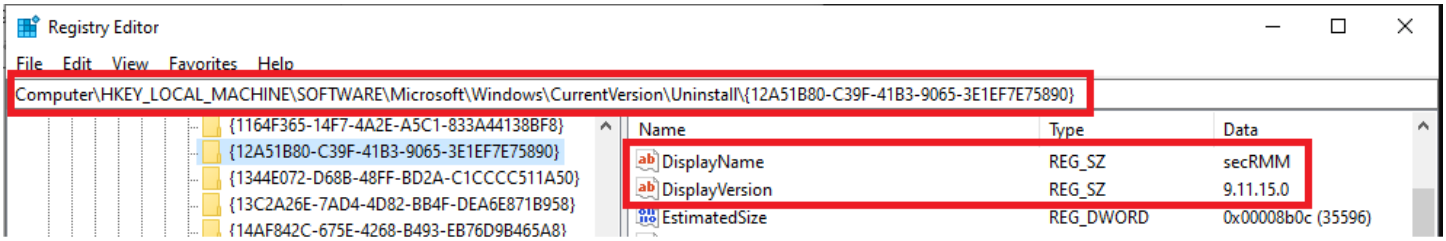
For this section, you will need to install secRMM (the version you are deploying using Intune) manually (you can download the msi file from the Squadra web site) on a test machine. Once you complete this section, you can then uninstall secRMM (and let Intune do the deployment).

The script is in the 'C:\Program Files\secRMM\AdminUtils' directory (so you need to be logged in as an Administrator). The 2 screenshots below show running the script named GetSecRMMProductCode.cmd which returns the 'secRMM version' and the secRMM 'Windows product code' which we need to specify the 'Key path' value.




Back in the Intune portal, specify the 'Key path' value as Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx} where {xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx} is the 'Windows product code' that was returned from the script named GetSecRMMProductCode.cmd that you ran above. If we used the example in this document, the value of the 'Key path' would be:

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\ {12A51B80-C39F-41B3-9065-3E1EF7E75890}

For 'Value name', specify 'DisplayVersion'.

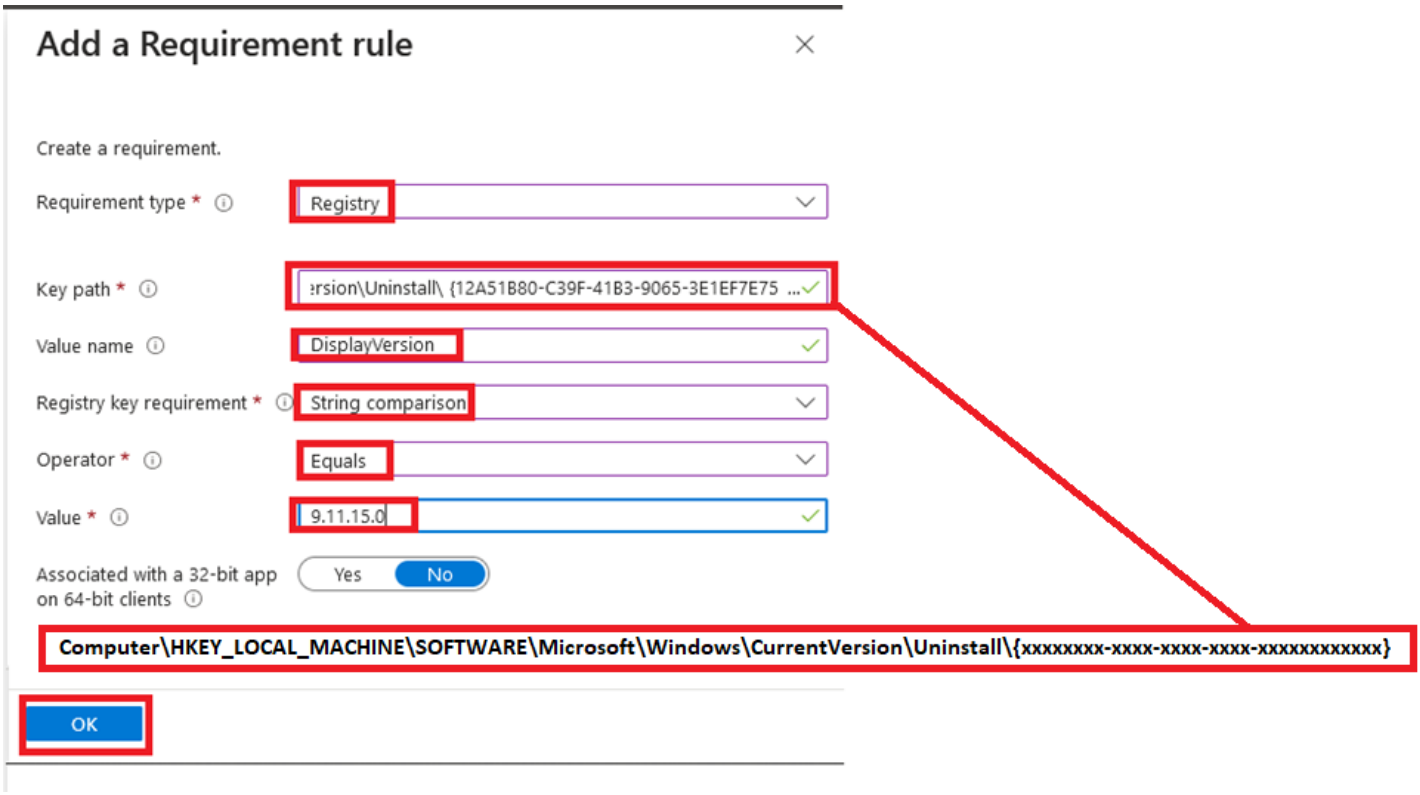
For 'Registry key requirement', specify 'String comparison'

For 'Operator', specify 'Equals'

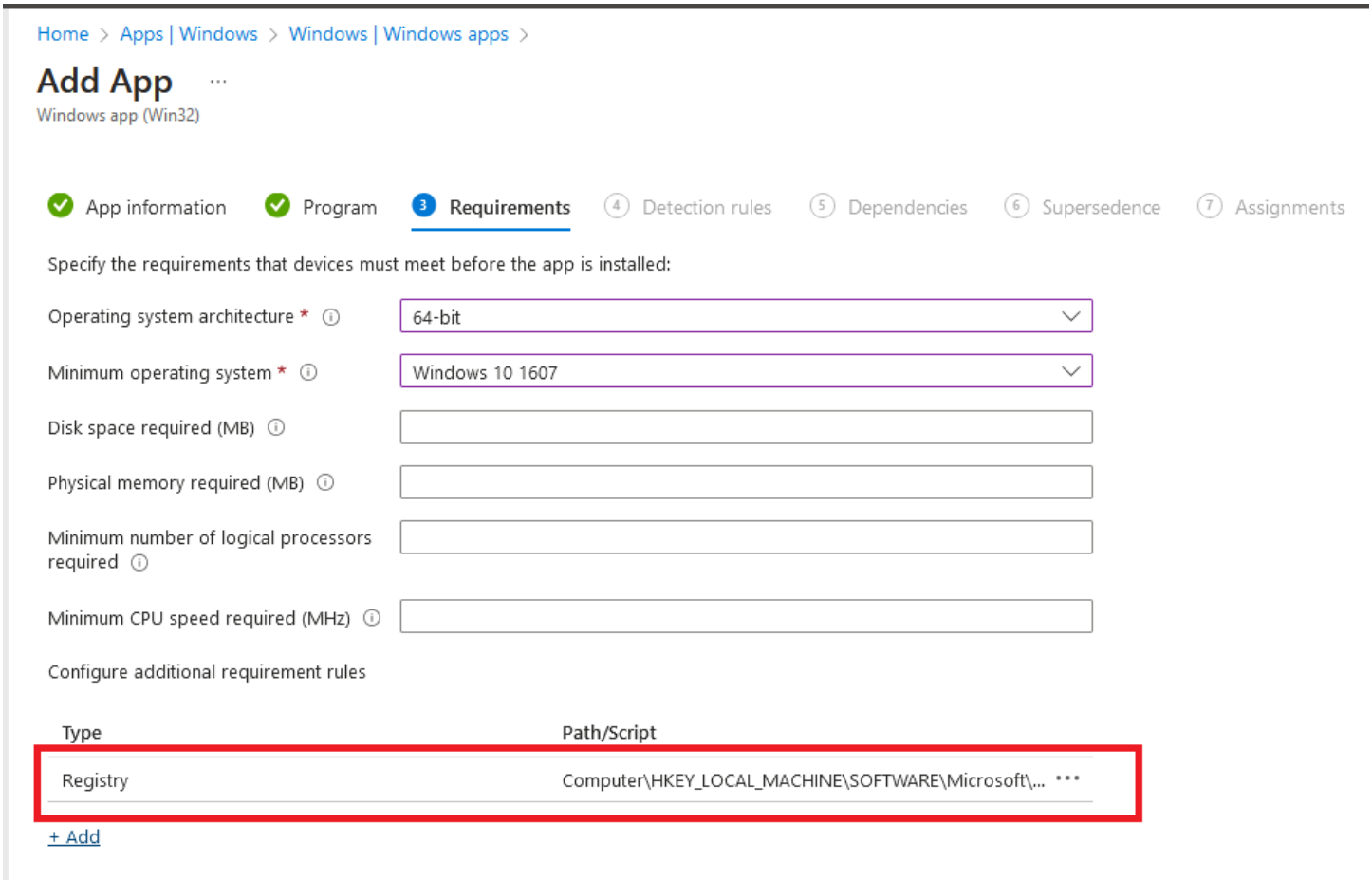
For 'Value', specify the version of secRMM that is running on your Windows endpoint computers.
The version of secRMM is returned along with the 'Windows product code' when you run the script named GetSecRMMProductCode.cmd.

For 'Assocated with a 32-bit app on 64-bit clients', specify 'No'

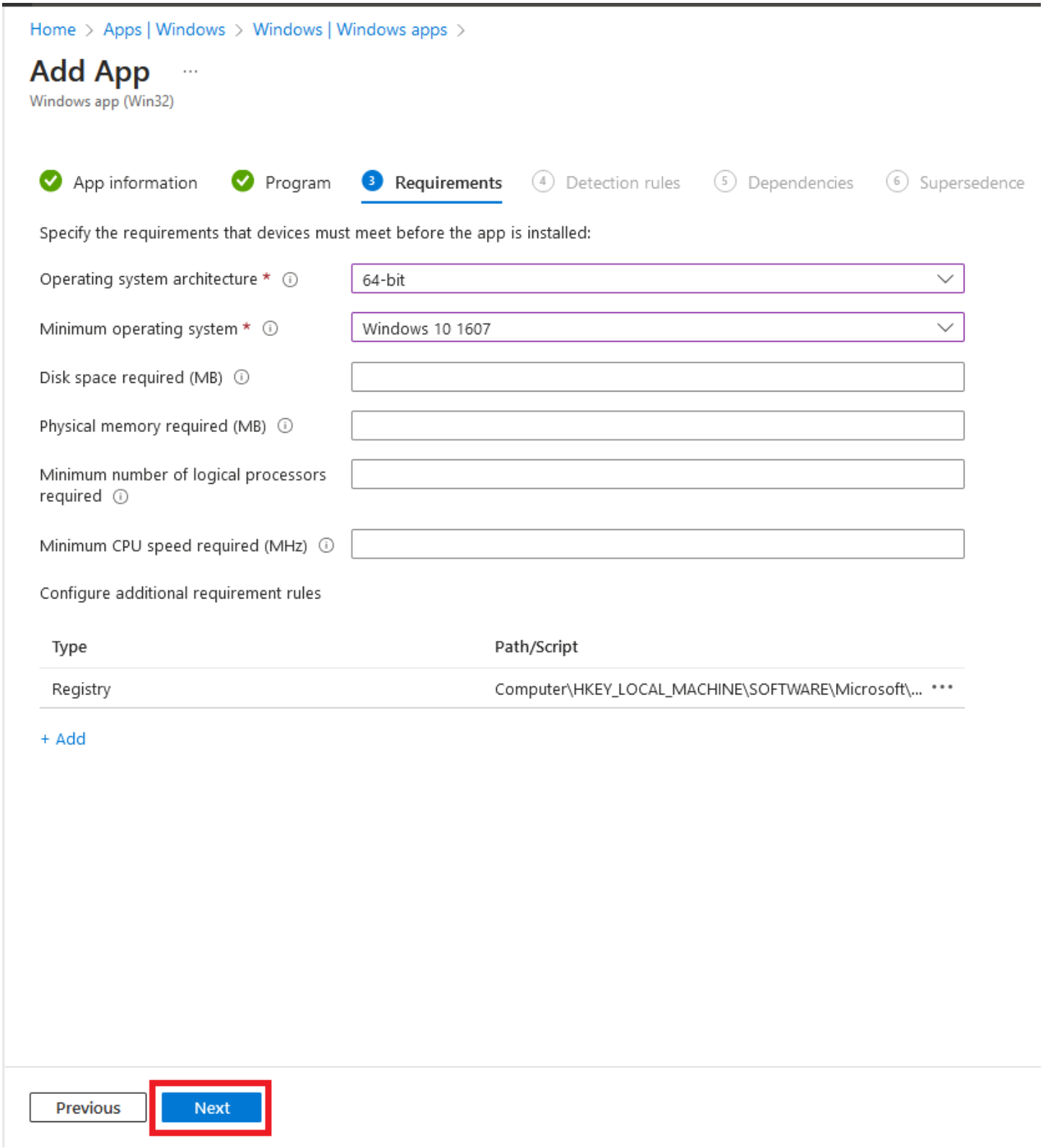
Once you have specified the values above, click the 'OK' button as shown in the screenshot below.



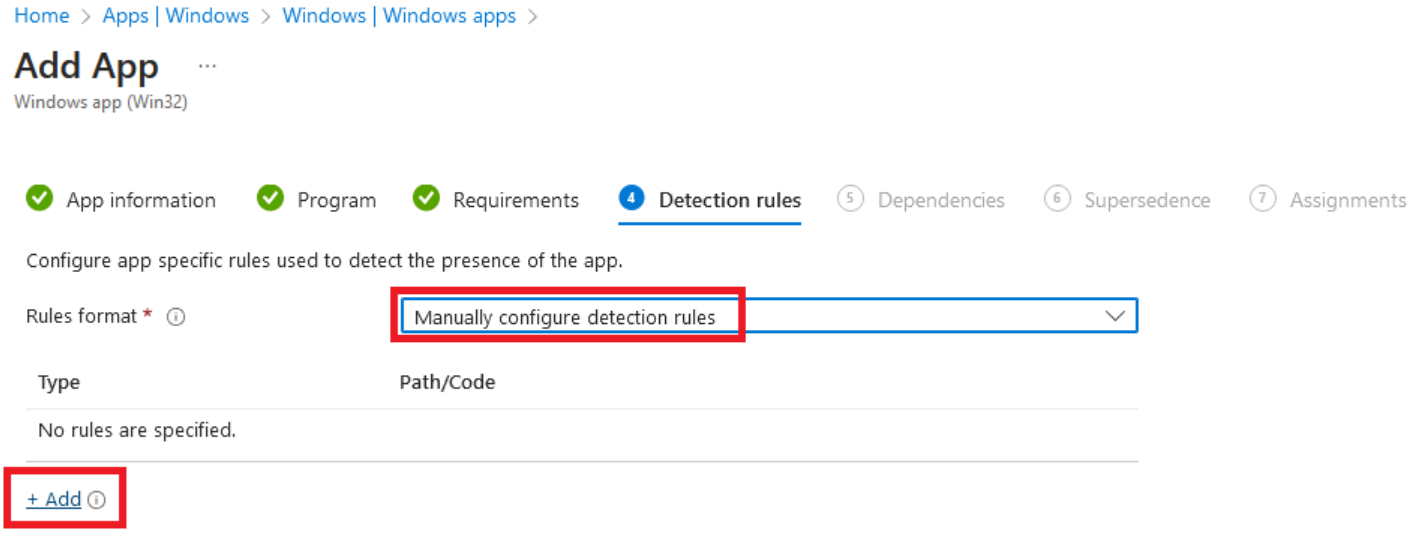

The 'Requirements' tab will now show the 'additional requirement rule' as shown in the screenshot below.




Now click the 'Next' button as shown in the screenshot below.

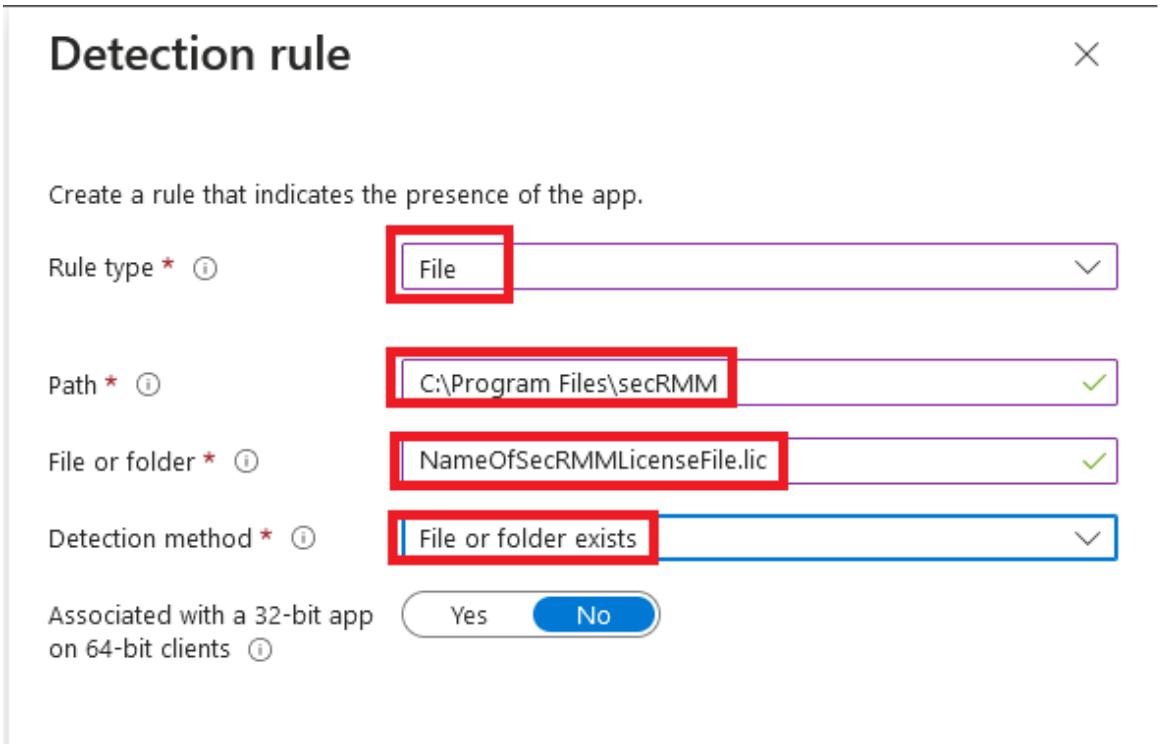

Home > Apps | Windows > Windows | Windows apps >
Add App
Windows app (Win32)
App information
Program
3 Requirements
4 Detection rules
5 Dependencies
6 Supersedence
Specify the requirements that devices must meet before the app is installed:
Operating system architecture *
64-bit
Minimum operating system *
Windows 10 1607
Disk space required (MB)
Physical memory required (MB)
Minimum number of logical processors required
Minimum CPU speed required (MHz)
Configure additional requirement rules
Type
Path/Script
Registry
Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\...
+ Add
Previous
Next

In the 'Detection rules' tab, for the 'Rules format', select 'Manually configure detection rules' from the drop-down menu and then click the '+ Add' link as shown in the screenshot below.

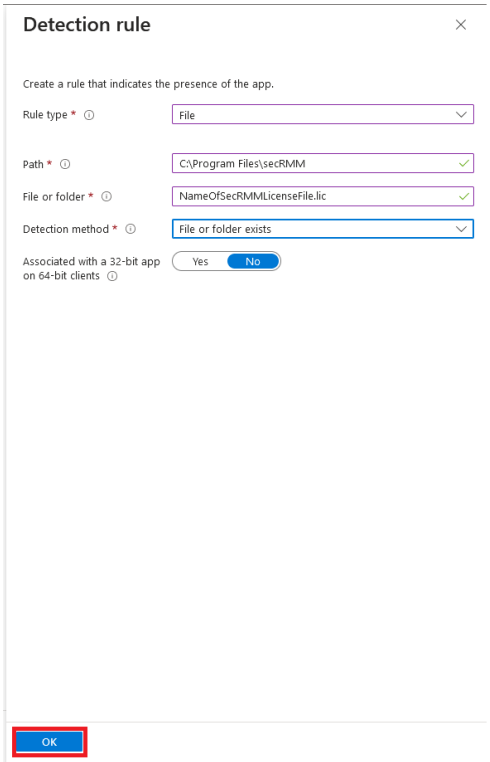



For 'Rule type', specify 'File'.

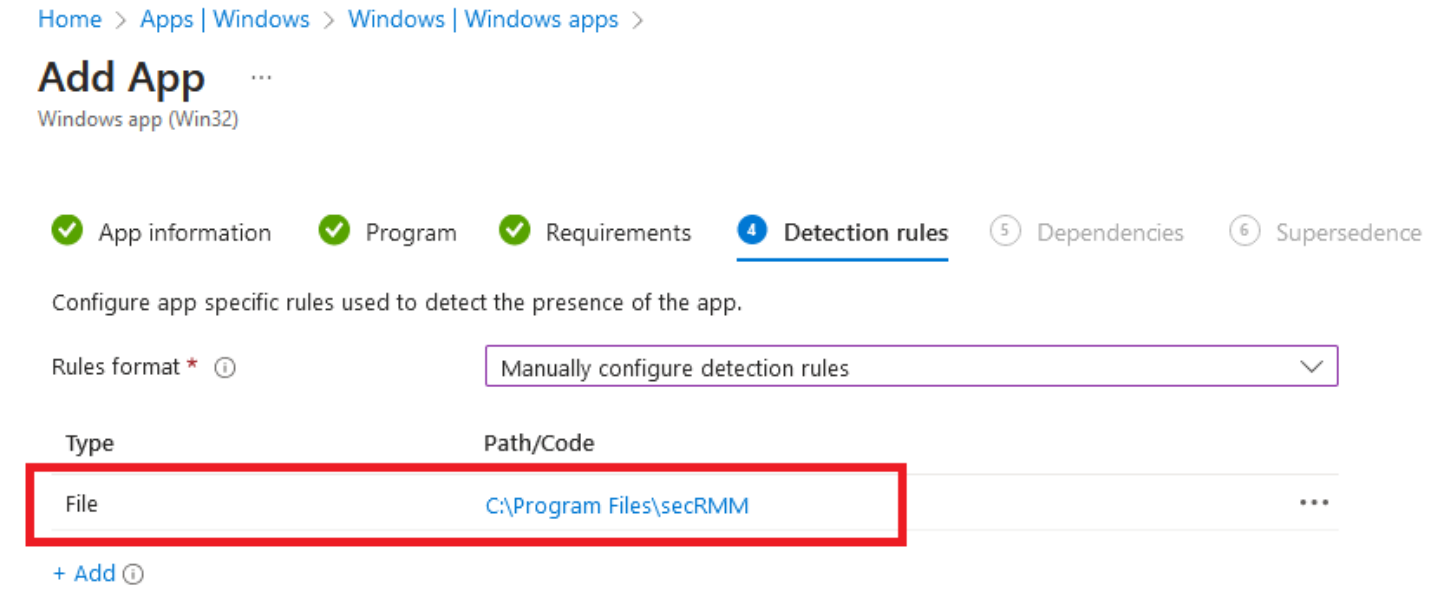
For 'Path', specify the path where secRMM is installed.
The default secRMM installation path is 'C:\Program Files\secRMM'.
For 'File or folder', specify the name of the secRMM license file that was sent to you from Squadra Technologies. Note in the screenshot below, that we used a made up name for the secRMM license file. You must NOT use literal text NameOfsecRMMLicenseFile.lic as the 'File or folder' value.
For 'Detection method', specify 'File or folder exists'.



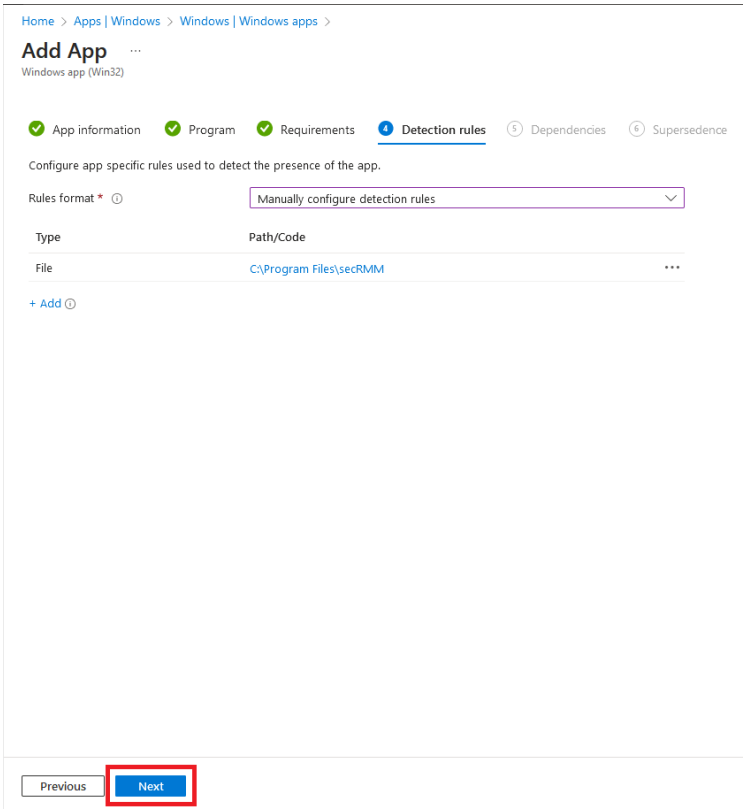

Now click the 'OK' button as shown in the screenshot below.



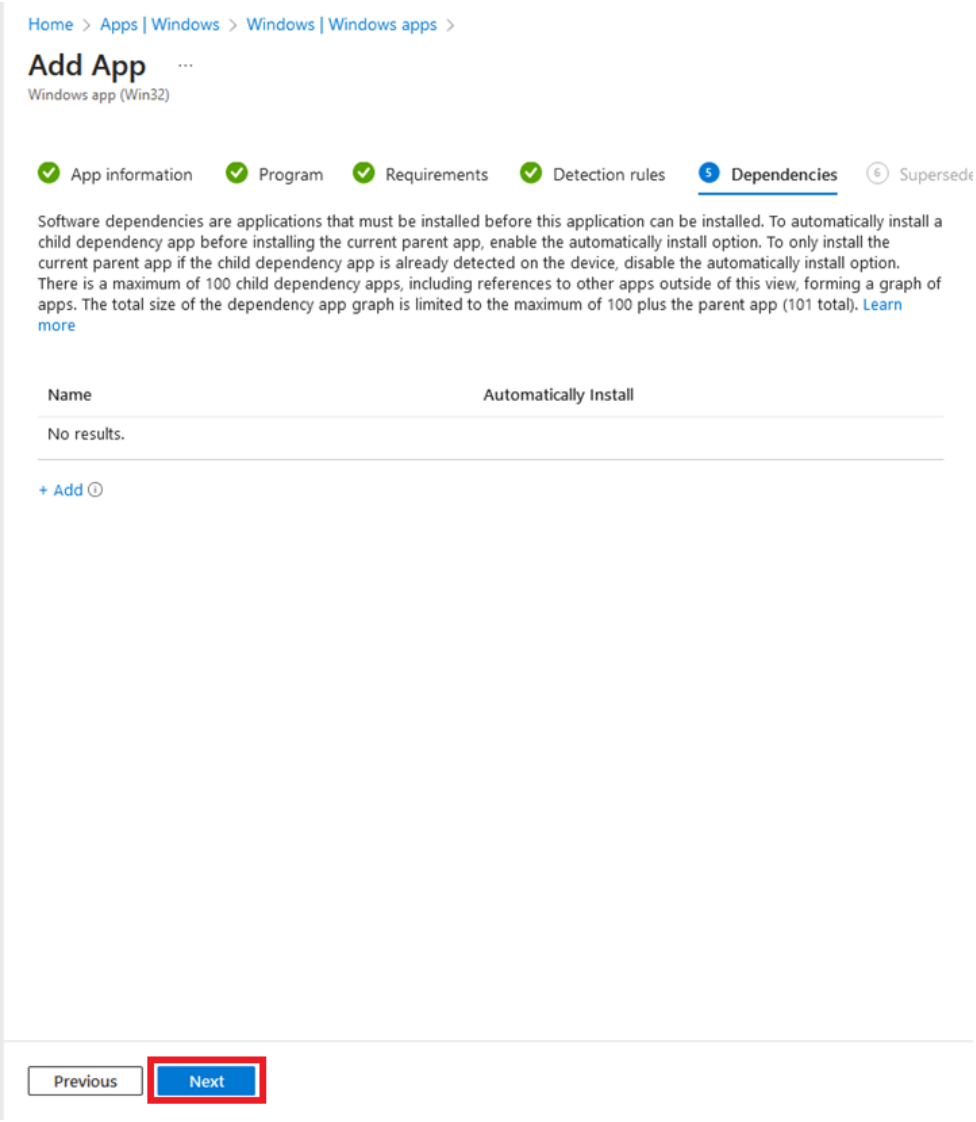
The 'Detection rules' tab will now show the 'File rule' we defined above as shown in the screenshot below.



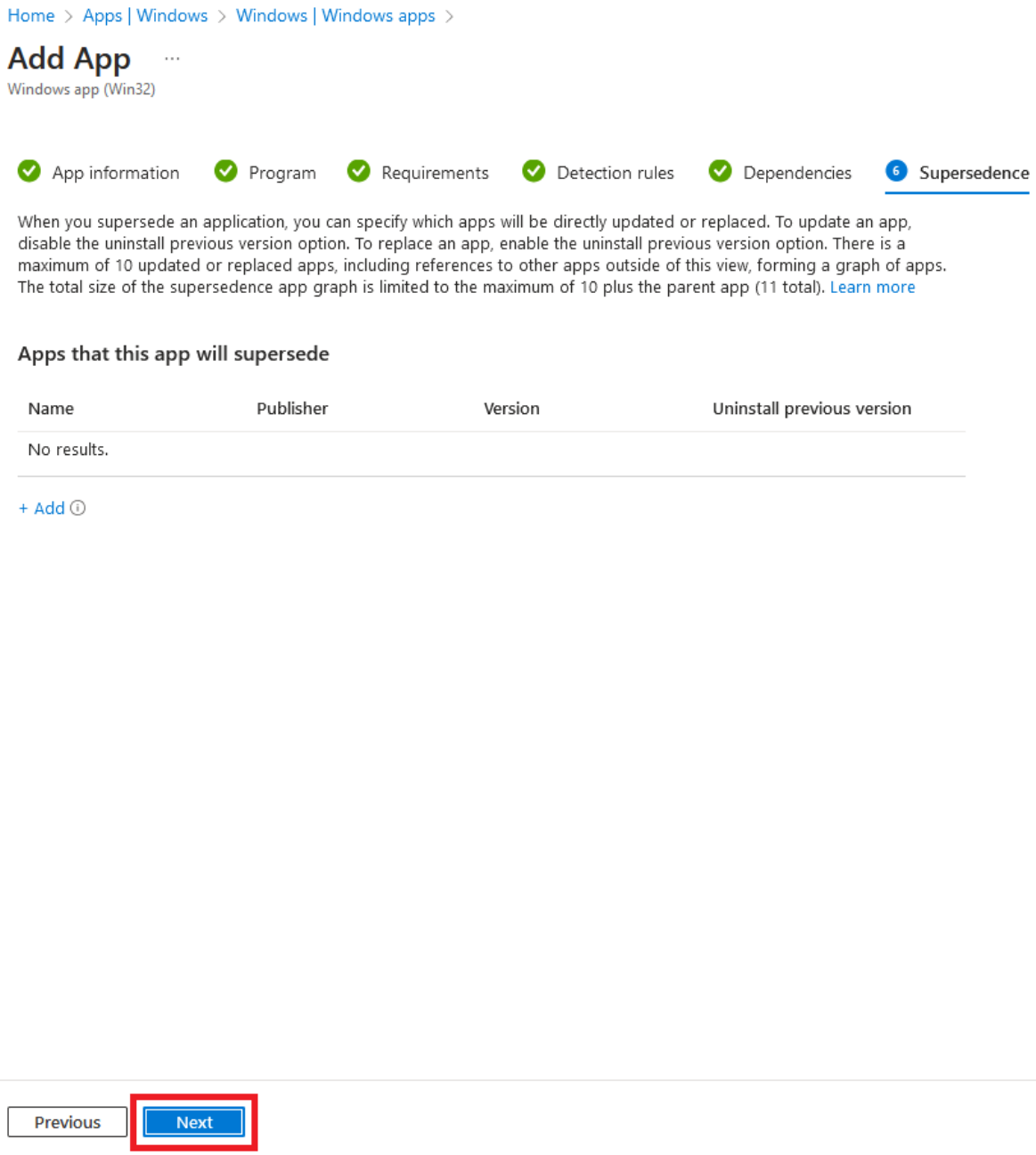

Now click the 'Next' button as shown in the screenshot below.



You will not need to specify anything on the 'Dependencies' tab.  Click the 'Next' button as shown in the screenshot below.

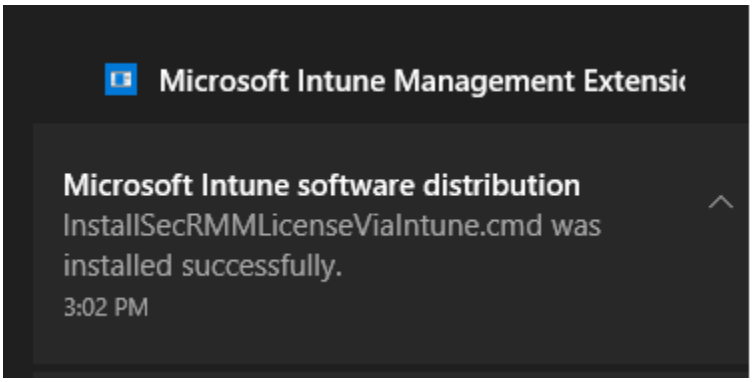


You will not need to specify anything on the 'Supersedence' tab. Click the 'Next' button as shown in the screenshot below.



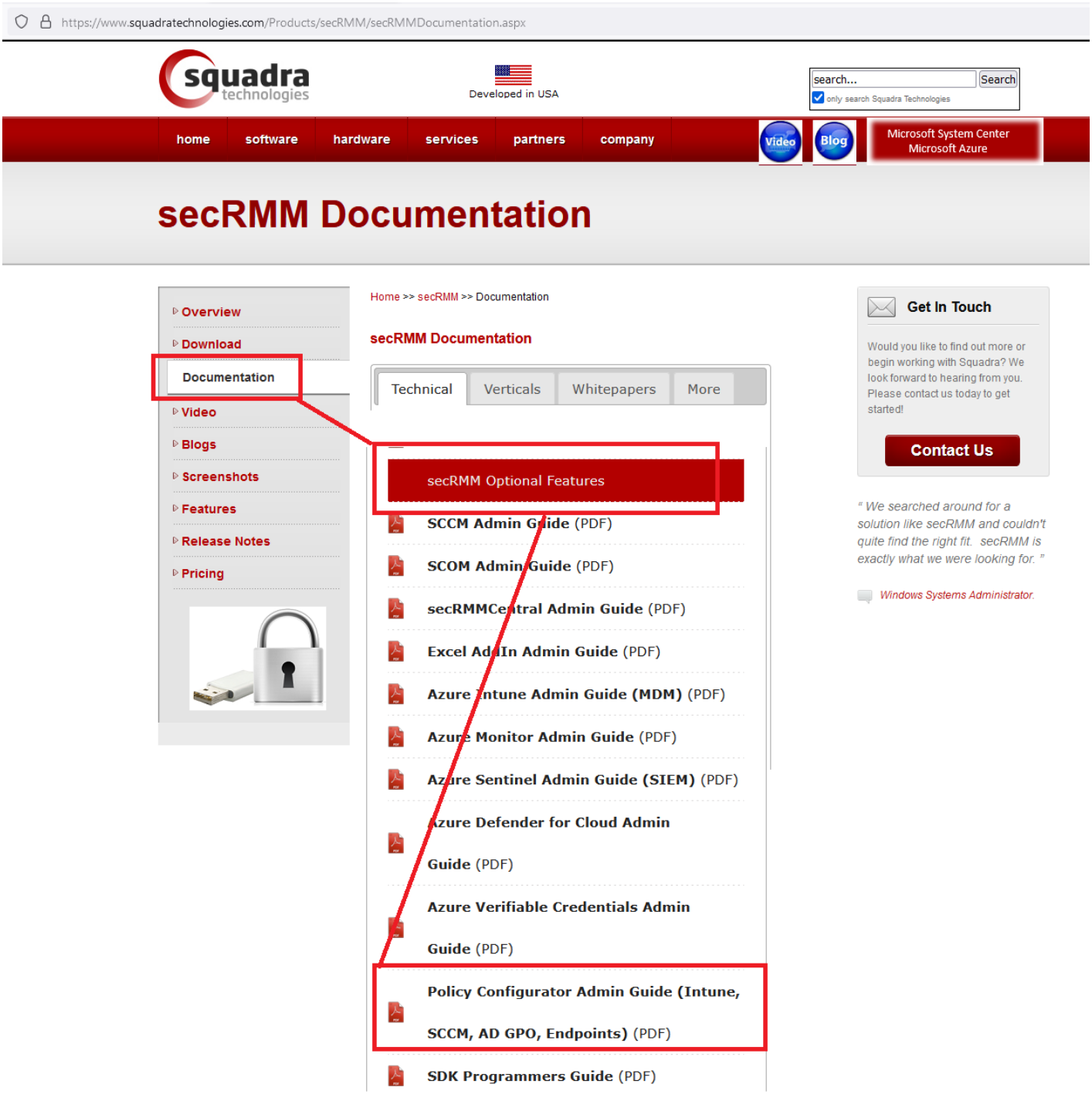

The 'Assignments' tab is where you will deploy the secRMM license file. It is more logical and less of a load on resources to deploy to devices instead of users but if you do choose to use users, it will work just the same way as devices.

Now the secRMM license file(s) will be deployed to the Windows 10/11 computers being managed by Microsoft Azure Intune.

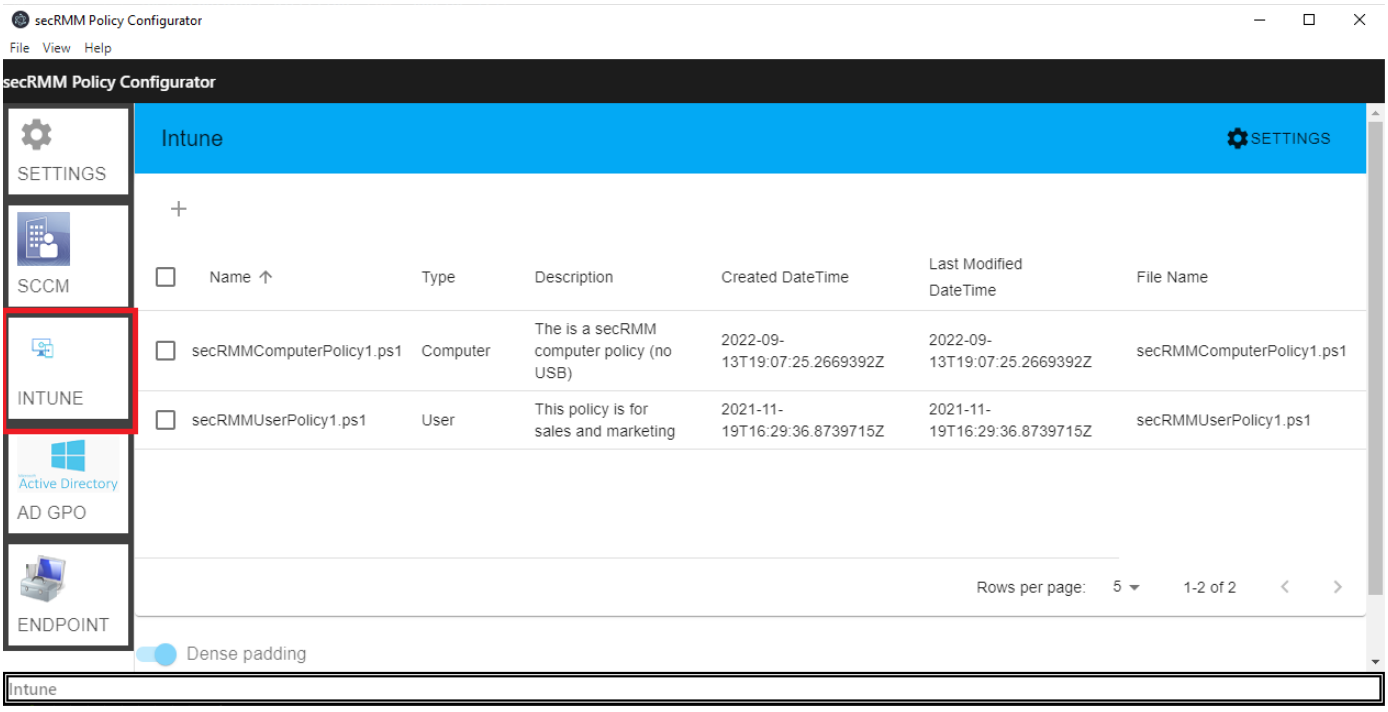



## Configure a secRMM policy using Intune Powershell scripts

As explained above in the 'Setup overview' section, creating secRMM policies in Intune is done using the 'secRMM Policy Configurator' tool. The information below is for advanced scenarios where you might need a custom script to accomplish a unique scenario in your environment. This is rare and you should lean toward using the 'secRMM Policy Configurator' tool over writing your own Powershell secRMM scripts. If you are not going to require a custom script (i.e. advanced scenario), then please follow the secRMM 'Policy Configurator Admin Guide' which you can download from https://www.squadratechnologies.com/Products/secRMM/secRMMDocumentation.aspx as shown in the screenshot below.


https://www.squadratechnologies.com/Products/secRMM/secRMMDocumentation.aspx
squadra technologies
Developed in USA
search...
Search
only search Squadra Technologies
home
software
hardware
services
partners
company
Video
Blog
Microsoft System Center
Microsoft Azure
secRMM Documentation
Overview
Download
Documentation
Video
Blogs
Screenshots
Features
Release Notes
Pricing
Home >> secRMM >> Documentation
secRMM Documentation
Technical
Verticals
Whitepapers
More
secRMM Optional Features
SCCM Admin Guide (PDF)
SCOM Admin Guide (PDF)
secRMMCentral Admin Guide (PDF)
Excel AddIn Admin Guide (PDF)
Azure Intune Admin Guide (MDM) (PDF)
Azure Monitor Admin Guide (PDF)
Azure Sentinel Admin Guide (SIEM) (PDF)
Azure Defender for Cloud Admin Guide (PDF)
Azure Verifiable Credentials Admin Guide (PDF)
Policy Configurator Admin Guide (Intune, SCCM, AD GPO, Endpoints) (PDF)
SDK Programmers Guide (PDF)
Get In Touch
Would you like to find out more or begin working with Squadra? We look forward to hearing from you. Please contact us today to get started!
Contact Us
" We searched around for a solution like secRMM and couldn't quite find the right fit. secRMM is exactly what we were looking for. "
Windows Systems Administrator.

The secRMM 'policy configurator' tool can be downloaded from the Squadra technologies website as shown in the screenshot below.

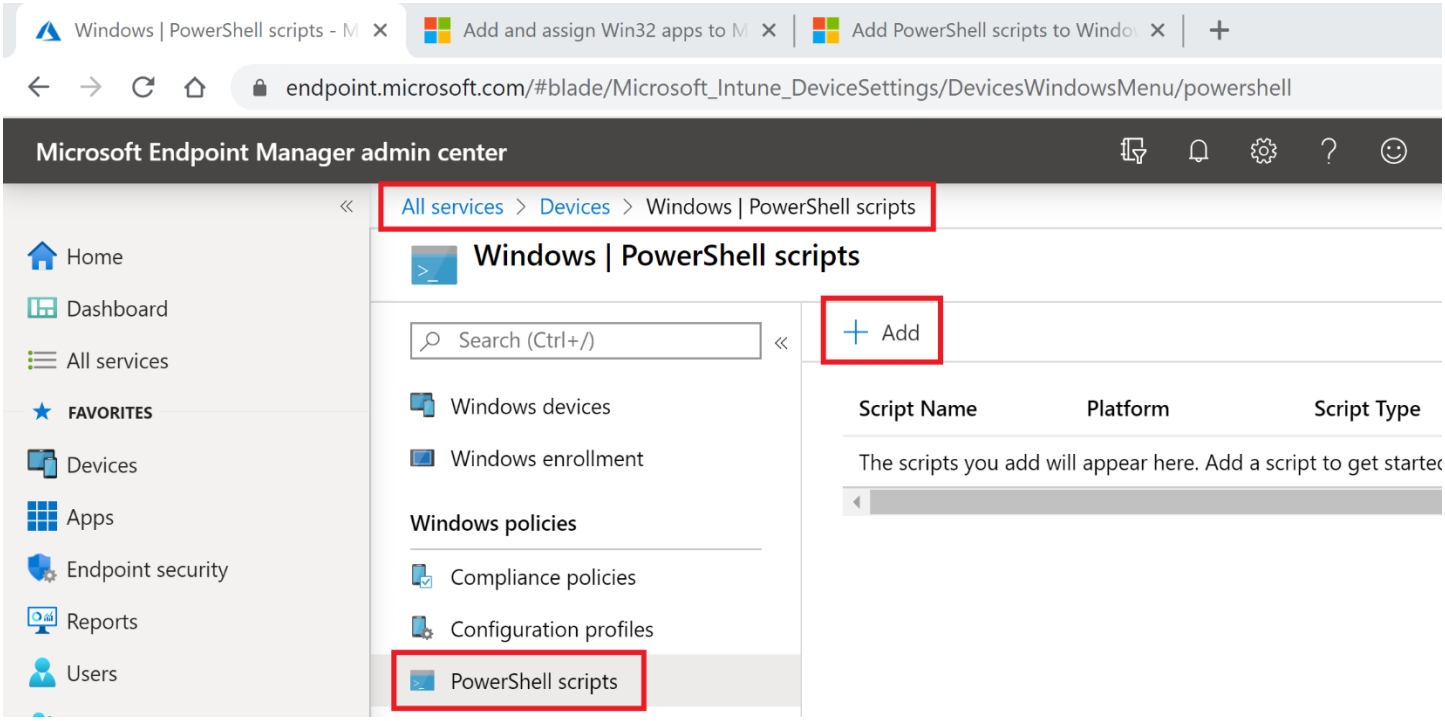


This section shows you the low level steps of creating a Powershell script that controls secRMM and then deploying it using Intune. Again, we recommend that instead of following the process below you instead use the "secRMM Policy Configurator" tool which performs the process below for you and removes you from having to work with the Powershell script code.

The Microsoft documentation titled "Use PowerShell scripts on Windows 10 devices in Intune" at:

https://docs.microsoft.com/en-us/mem/intune/apps/intune-management-extension

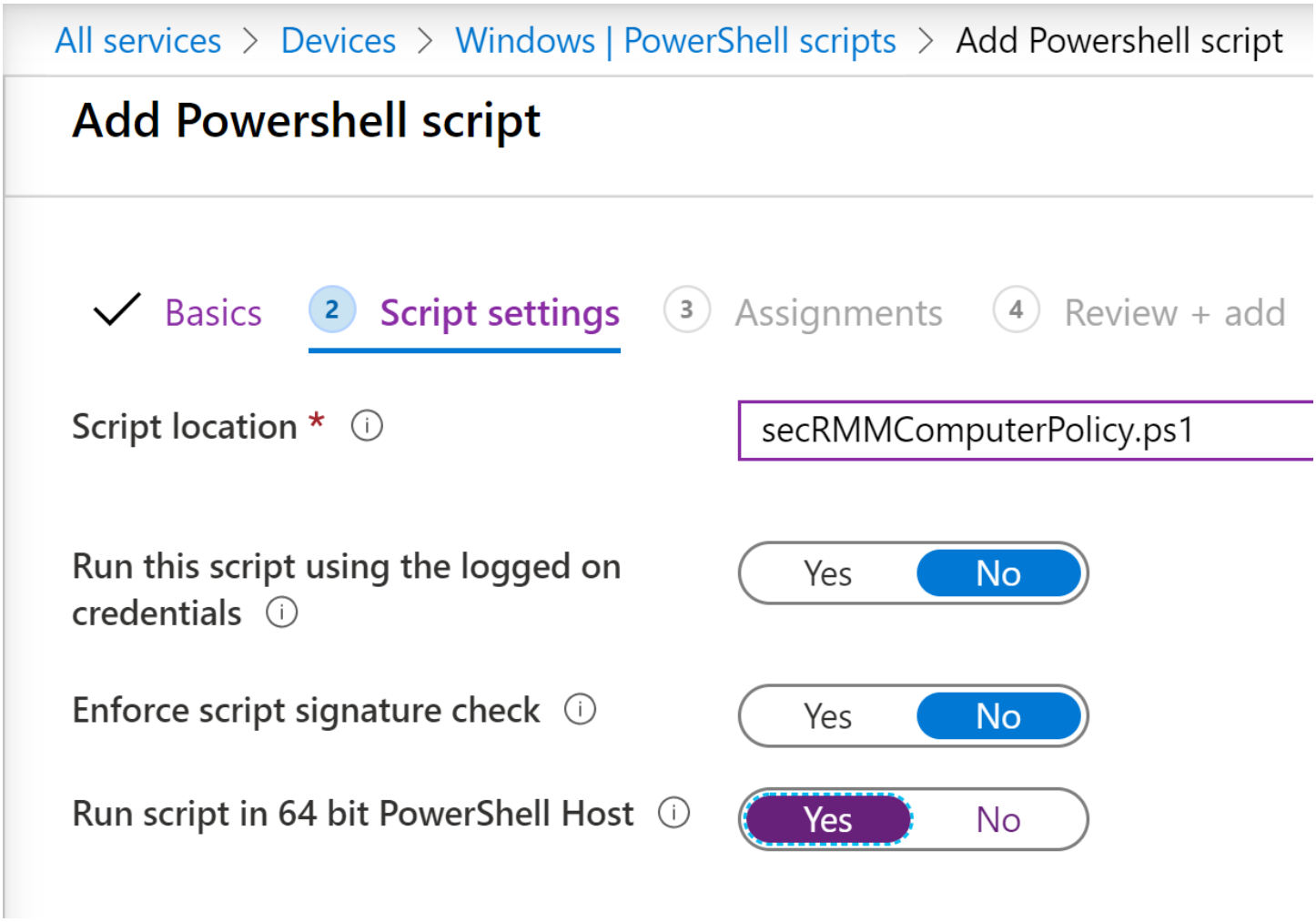
describes the screenshots that are listed below.

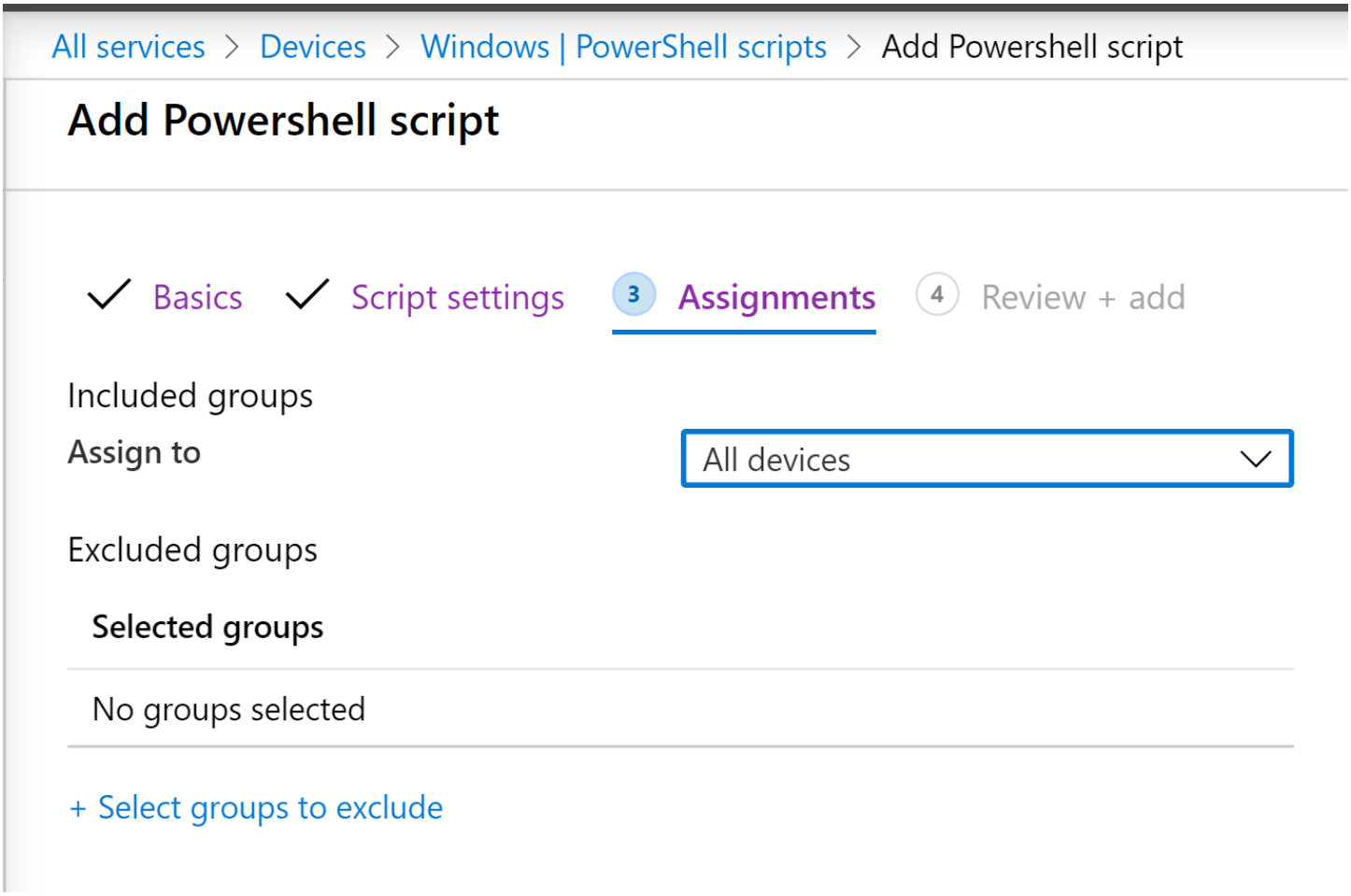


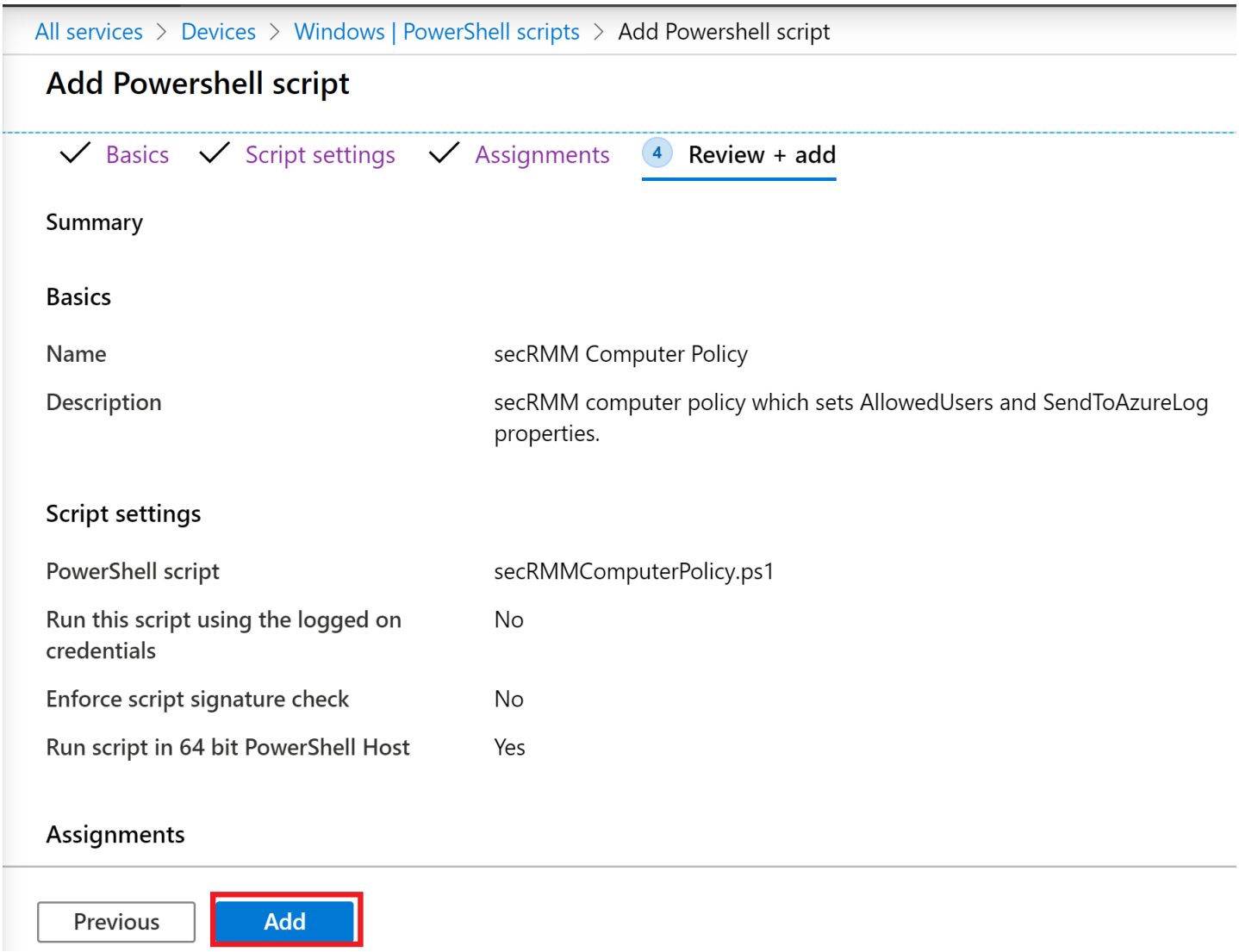

The following (example) PowerShell script will be used for this documentation. You will need to modify the PowerShell script for your environment. If you need assistance modifying the PowerShell script, please contact Squadra Technologies support at support@squadratechnologies.com. The script below is saved into the file named secRMMComputerPolicy.ps1.

```
$AllowedUsers = "contoso\Barbara;contoso\Angela";
$SecRMM_Properties = @{
    "AllowedUsers"    = $AllowedUsers
};
$objSecRMM = new-object -comobject secRMMInterface;
$SecRMM_Properties.GetEnumerator() |
ForEach-Object {
```

```
    $objSecRMM.SetProperty($_.key, $_.value);
    Write-Host ("Set " + $_.key + " to " + $_.value);
}
```




All services > Devices > Windows | PowerShell scripts > Add Powershell script
Add Powershell script
Basics
Script settings
3 Assignments
4 Review + add
Included groups
Assign to
All devices
Excluded groups
Selected groups
No groups selected
+ Select groups to exclude



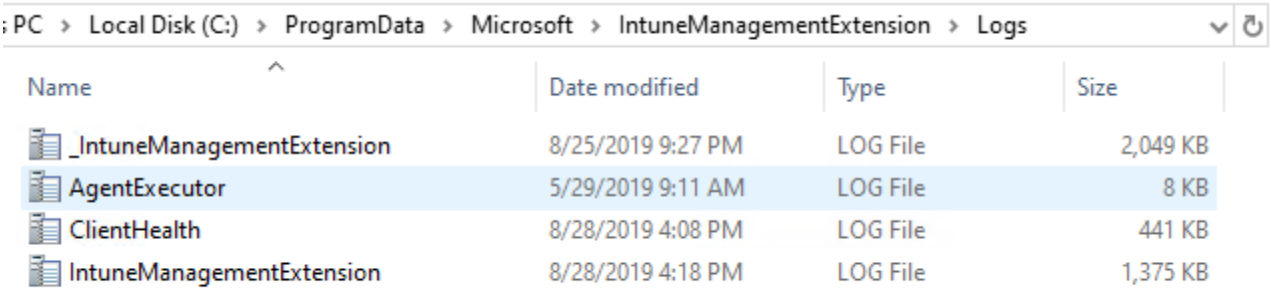

The PowerShell script will now be deployed to the Windows 10 computers being managed by your Intune instance. Again, this PowerShell script will set the secRMM properties for the secRMM computer policy on each of the Windows 10 computers in your environment.

## User deployment requirements

If you plan on using a secRMM user policy (i.e. not a secRMM computer policy) then you need to configure the Windows endpoint computers so that they will be generating "successful logon events" (event id 4624) into the Windows security event log.

# Troubleshooting

There is an Intune client log file directory on the endpoint computer(s) at C:\ProgramData\Microsoft\IntuneManagementExtension\Logs.
You should first look at IntuneManagementExtension.log




If you want to extract an Intunewin file, there is a free utility at:
https://github.com/damienvanrobaeys/Intunewin_RightClick_Extract.
Extracting an Intunewin file helps understand what files will be sent down to the endpoint (i.e. the Intune client).

# 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. Whether the Windows Operating System is 32bit or 64bit.
4. 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 |

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World Headquarters
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Cleveland, MO 64734
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Web site http://www.squadratechnologies.com/