

Installing Windows Agents with Intune

Objective Microsoft Intune is a Mobile Device Management (MDM) tool to build packages, manage inventory and images, and run remote updates. You can use Intune, or other MDM tools, to install the SentinelOne Windows Agent. This article will show you how to install the Agent with an Intune Win32 App Package.

1. Get the Site or Group Token
2. Create an Intune Win32 package
3. Upload and deploy the Intune Win32 Package

Create an Intune Win32 package

Objective Create an Intune Win32-compatible installation package to install the Agent.

1. In the Sentinels toolbar, click Packages.
2. Download the latest Windows Agent package to install.
3. Create a new batch file named install.cmd with this command:

MSI installer

```
msiexec /i "<AgentPackage>" SITE_TOKEN="<sitetoken>" /q
```

Parameters

- AgentPackage is the full package name.

Example

```
msiexec /i "SentinelInstaller_windows_64bit_v21_7_5_1080.msi"
```

- SITE_TOKEN="<sitetoken>" is the site token.
- /q Silent installation (no UI, no user interaction, no reboot).
- /NORESTART Optional. Prevent automatic reboot.

Example

```
msiexec /i "<AgentPackage>" SITE_TOKEN="<sitetoken>" /q /NORESTART
```

SentinelOneInstaller

```
SentinelOneInstaller.exe -t sitetoken -q
```

Parameters

- SentinelOneInstaller.exe is the full package name.

Example

SentinelOneInstaller_windows_64bit_v22_2_1_200.exe

- -t site_Token or -t group_Token is the site token or group token.
- -b, --reboot_on_need

- **Optional**

Automatically reboot the endpoint when required to continue with the installation.

- `/q` Silent installation (no UI, no user interaction, no reboot).

1. Create a new folder with the latest package and the install.cmd file.
2. Open the **IntuneWinAppUtil.exe** application. (Requires admin permissions)
3. Enter the file path to the folder created in step 4, and click Enter.

Please specify the source folder: `E:\Intune\EA`

4. Enter the path to the install.cmd file created in step 3, and click enter.

Please specify the setup file: `E:\Intune\EA\Install.cmd`

5. Enter the path to the output folder, and click enter.

Please specify the output folder: `E:\Intune\Done\S1_agent\EA`

6. When prompted **Do you want to specify catalog folder (Y/N)?**, enter N and click enter.

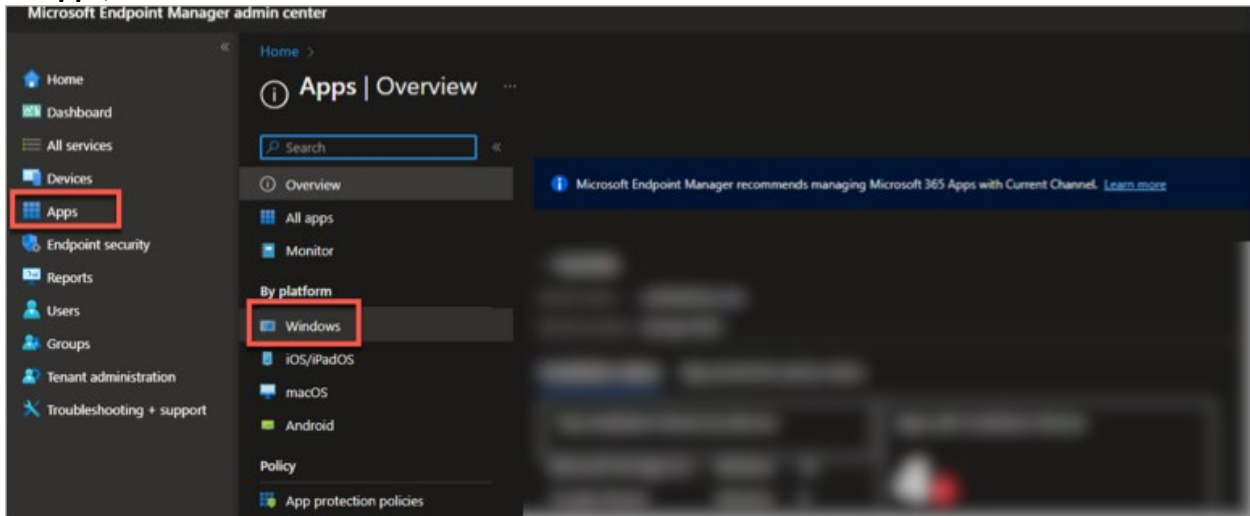
7. `Do you want to specify catalog folder (Y/N)?n`

8. Open the output folder and make sure the `install.intunewin` file is created.

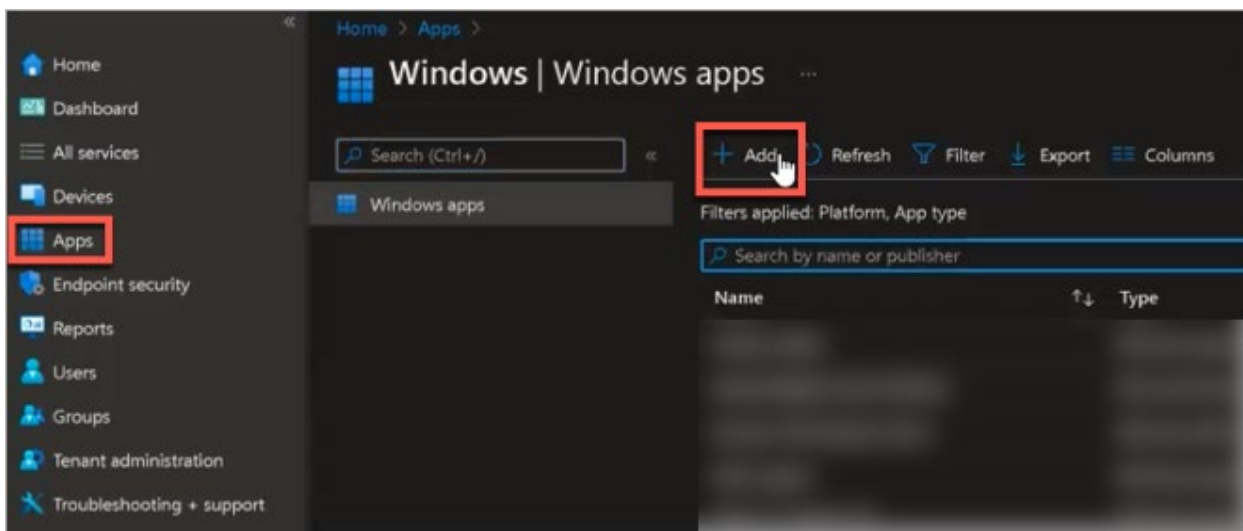
Uploading the Intune Win32 Package

Objective Upload and deploy the Intune Win32 Package

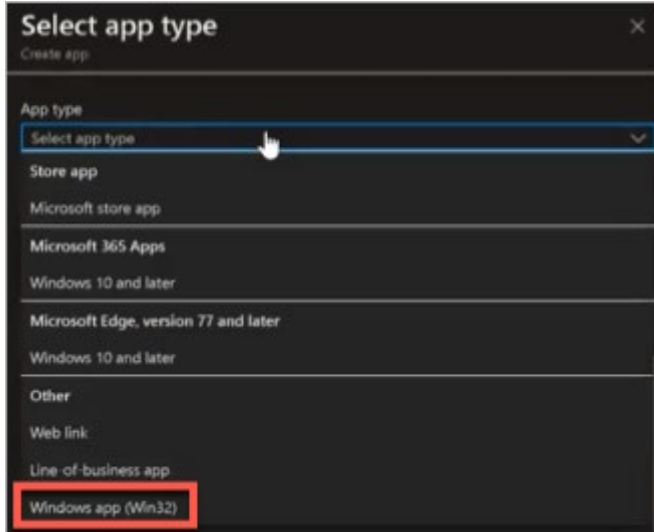
1. Open a Web browser, and log in to <https://endpoint.microsoft.com/>.
2. In **Apps**, click **Windows**.



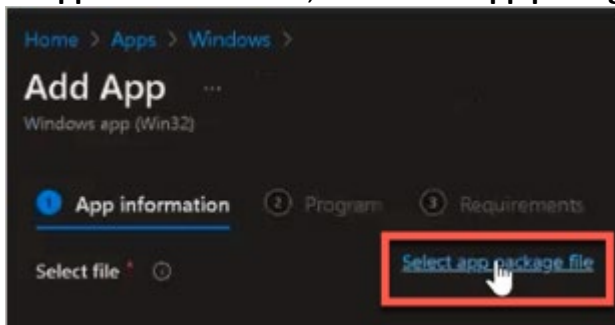
3. Click **+ Add** to add the Intune Win32 package.



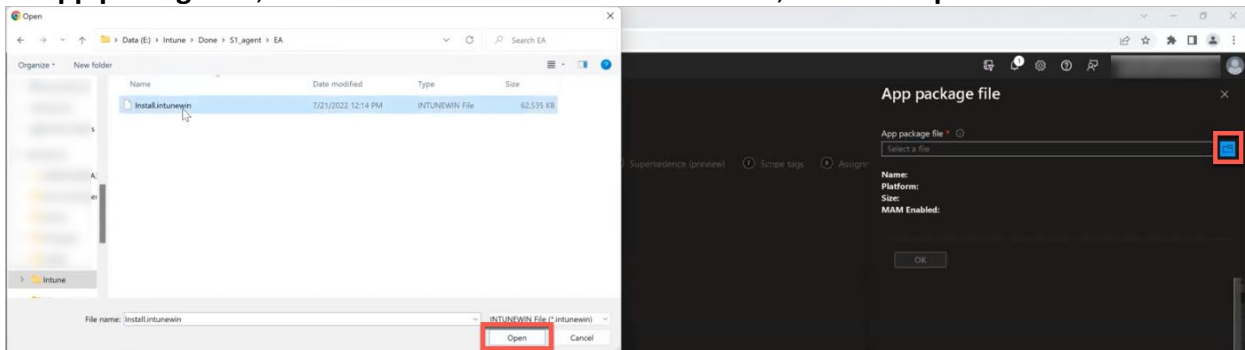
In the **Select app type** window, select **Windows app (Win32)**.



In **App information** tab, click **Select app package file**.



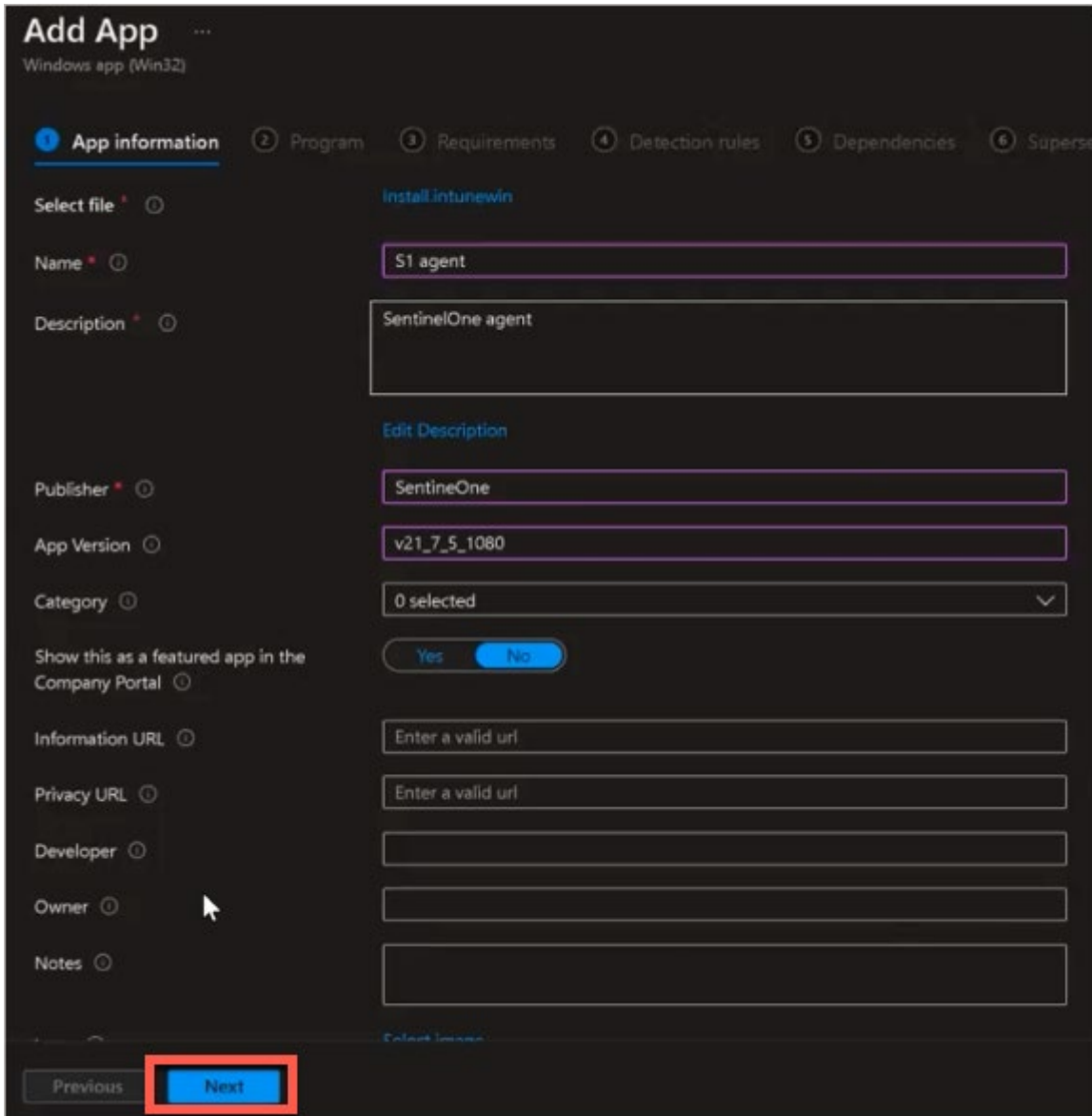
In **App package file**, select the **install.intunewin** file created, and click **Open**



1. Click **OK**.

In **App information** tab, update the application details. Click **Next**.

- **Name:** SentinelOne Agent
- **Description:** SentinelOne Agent version *AgentVersion*
- **Publisher:** SentinelOne
- Optional - **App Version:** *AgentVersion*



The screenshot shows the 'Add App' configuration page for a Windows app (Win32). The 'App information' tab is selected, and the following fields are visible:

- Select file:** install.intunewin
- Name:** S1 agent
- Description:** SentinelOne agent
- Publisher:** SentinelOne
- App Version:** v21_7_5_1080
- Category:** 0 selected
- Show this as a featured app in the Company Portal:** No
- Information URL:** Enter a valid url
- Privacy URL:** Enter a valid url
- Developer:** (empty)
- Owner:** (empty)
- Notes:** (empty)

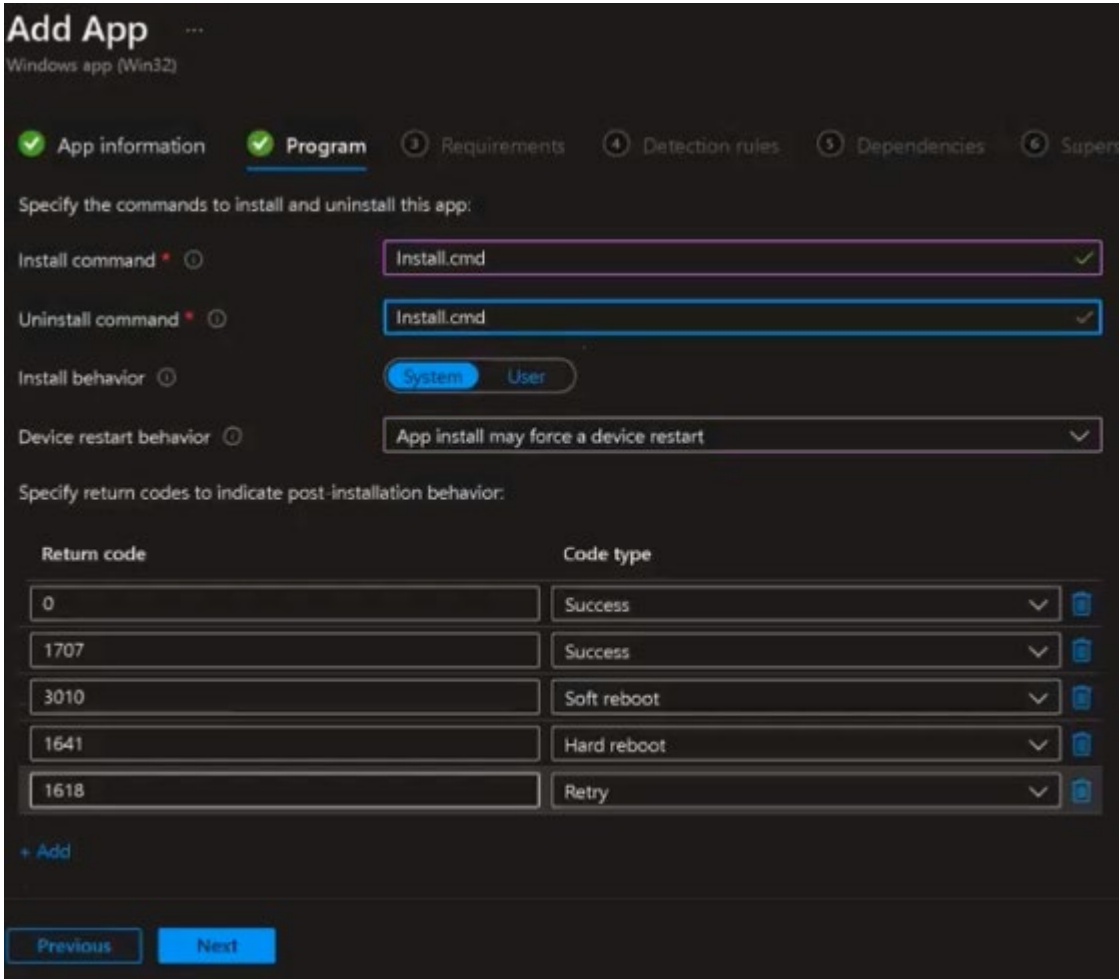
The 'Next' button is highlighted with a red box.

In the **Program** tab, enter the install and uninstall command, and set the install behavior. Click **Next**.

- **Install Command:** install.cmd
- **Uninstall Command:** install.cmd

Note As the Agent cannot be uninstalled without the passphrase or approval from the Management Console, the uninstall command must be the same as the install command.

- **Install behavior:** System



Add App ...
Windows app (Win32)

✓ App information ✓ **Program** 3 Requirements 4 Detection rules 5 Dependencies 6 Supers

Specify the commands to install and uninstall this app:

Install command * ⓘ ✓

Uninstall command * ⓘ ✓

Install behavior ⓘ System User

Device restart behavior ⓘ ▼

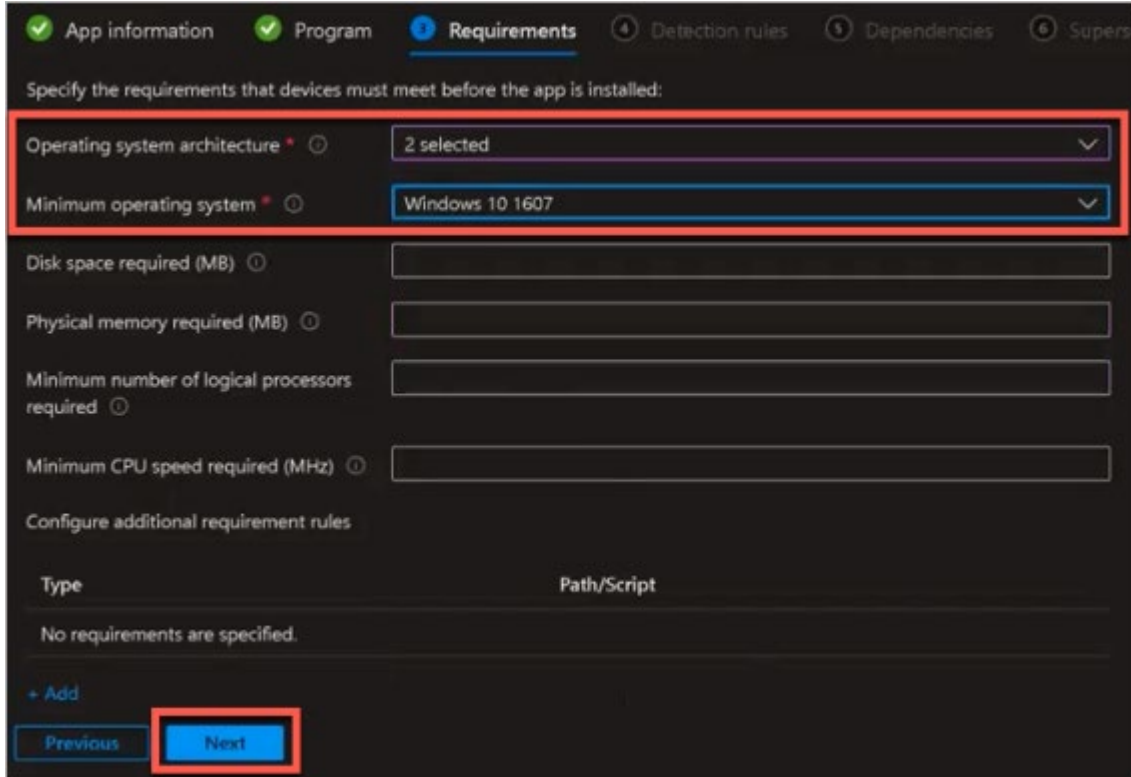
Specify return codes to indicate post-installation behavior:

Return code	Code type
<input type="text" value="0"/>	<input type="text" value="Success"/> ▼
<input type="text" value="1707"/>	<input type="text" value="Success"/> ▼
<input type="text" value="3010"/>	<input type="text" value="Soft reboot"/> ▼
<input type="text" value="1641"/>	<input type="text" value="Hard reboot"/> ▼
<input type="text" value="1618"/>	<input type="text" value="Retry"/> ▼

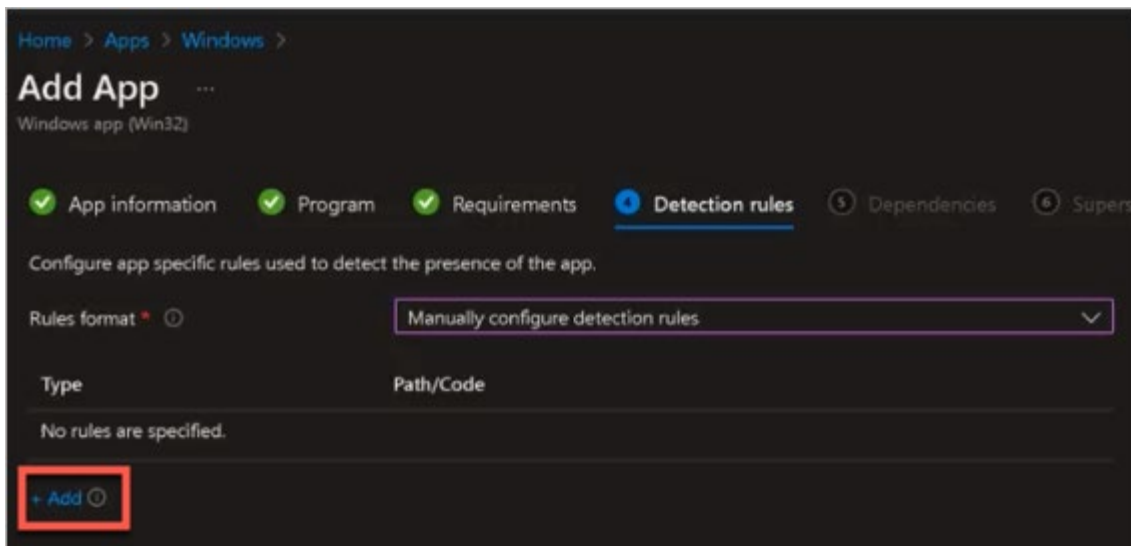
+ Add

In the **Requirements** tab, select the Operating system architecture and Minimum operating system. Click **Next**

- **Operating system architecture:** Select the system architecture 32 bit or 64 bit.
- **Minimum operating system:** Select the minimum operating system version that can install the Agent.



1. In the **Detection rules** tab, select the **Rules format**, and click **Manually configure detection rules**.
2. Click **+ Add** to create a new detection rule.

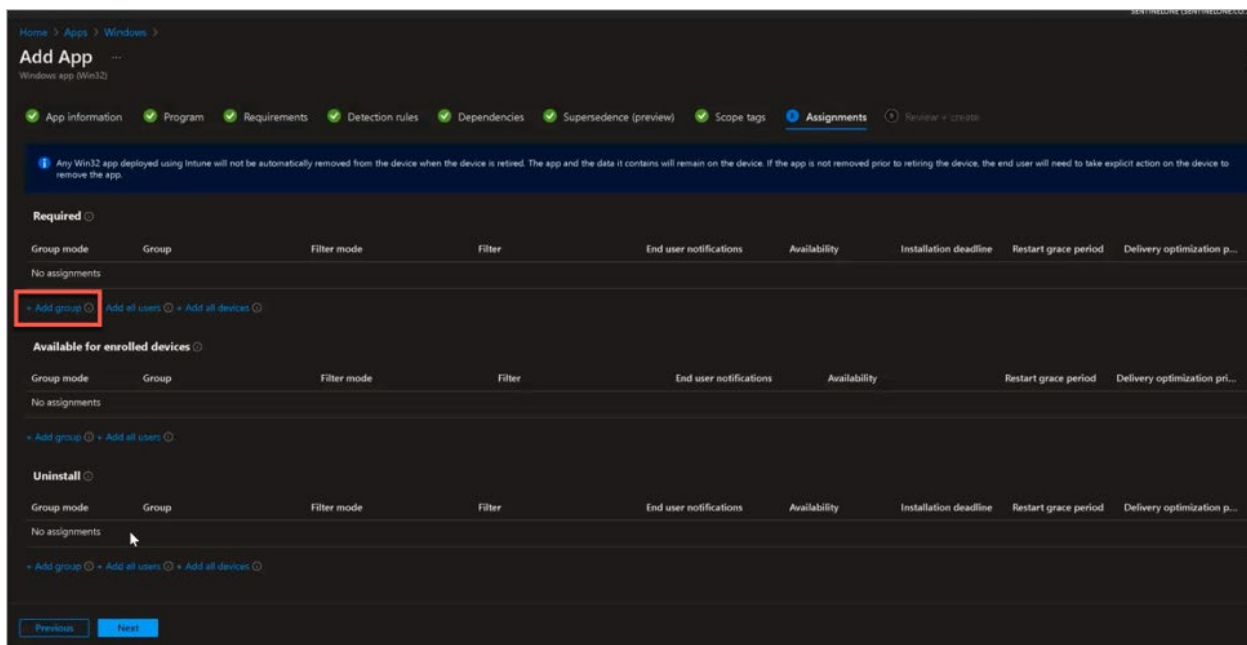


1. In the **Detection Rule** sidebar, create a new detection rule. Click **OK**.

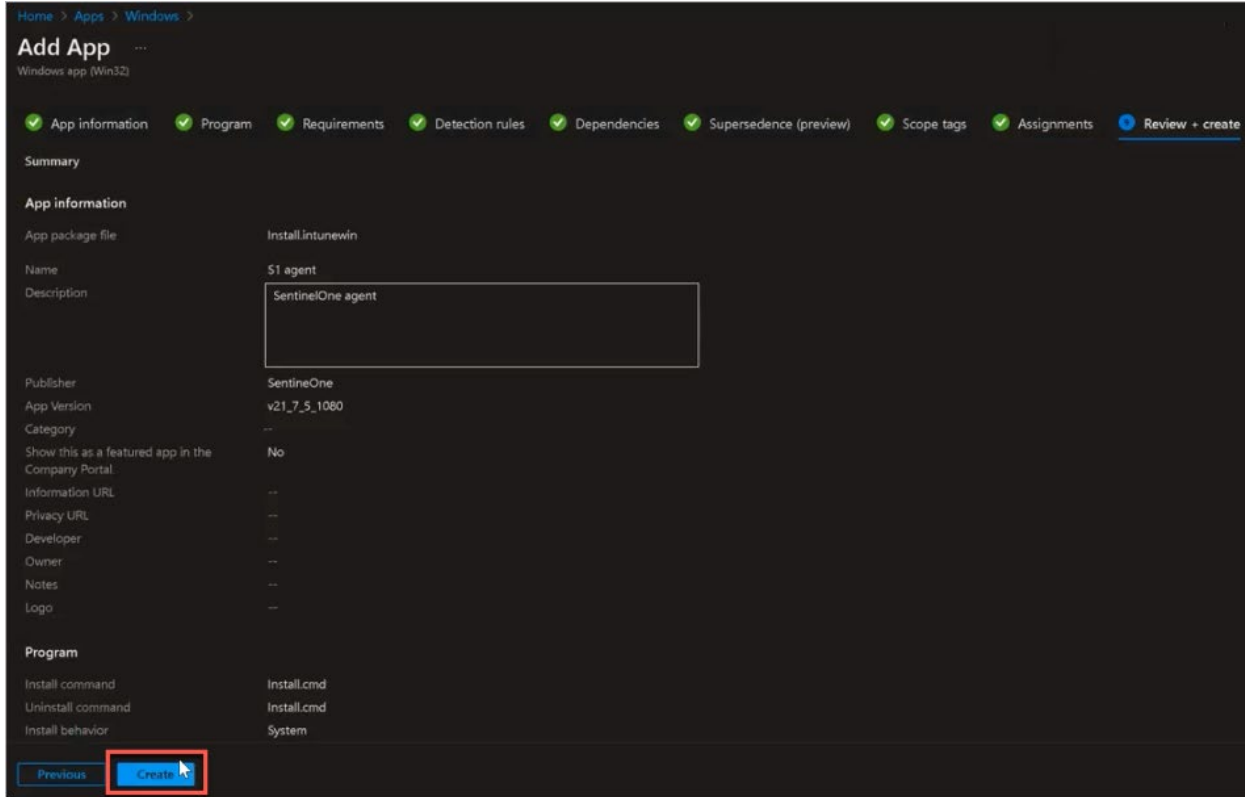
- **Rule Type:** File
- **Path:** C:\Program Files\
- **File or folder:** SentinelOne
- **Detection method:** File or folder exists
- **Associated with a 32 bit a or 64 bit clients:** No

2. Click **Next**.

3. In **Assignments**, add the required Active Directory groups to receive the Agent and click **Select**.



In **Review + create**, click **Create**.



The Agent is installed the next time the selected endpoints connect with Intune.