Deploying Saner Agent MSI Package using Active Directory

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About SecPod

Security Podium (incarnated as SecPod) is a SaaS-based cybersecurity product and technology company. We believe a strong defense is better than a weak cure. Enterprises and MSPs of all sizes worldwide use our product, PREVENT Platform, to secure and manage their endpoints.

303 Twin Dolphin Drive,6th Floor,
Redwood City, California 94065
USA

To learn more about SecPod, visit:
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Revision History

Revision	Change Description	Revision Date
Revision 02	Added new steps in the **Converting Saner Agent to EXE Package to MSI** section.	March 24, 2025
Revision 01	Initial Release	June 14, 2024

Contacting Support

Contact Information

Main Site	https://www.secpod.com/
Support Site	https://support.secpod.com/hc/en-us
Documentation Site	https://www.docs.secpod.com/

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Overview

In an enterprise environment managed by Microsoft Active Directory, you can deploy Saner Agent on endpoints using Group Policy Object – saving you the time and effort needed to install the Saner Agent manually.

We will use Group Policy – a powerful Microsoft Windows operating system feature that allows IT administrators to effectively manage and enforce system settings and configurations on endpoints within an Active Directory environment.

Group Policies are organized into Group Policy Objects – that can be linked to domains, sites, and organizational units. These group policies can be applied to user accounts and computer objects within the AD environment.

This document provides you with instructions on how to deploy Saner Agent using Group Policy Object.

The following steps are involved in Deploying Saner Agent using Group Policy Object.

1. **Converting Saner Agent from. EXE format to. MSI format.**
2. **Creating a Shared Distribution Point.**
3. **Creating a Group Policy Object.**
4. **Uploading the Saner Agent in MSI format into GPO.**
5. **Deploying Saner Agents on Endpoints.**

Converting Saner Agent EXE Package to MSI

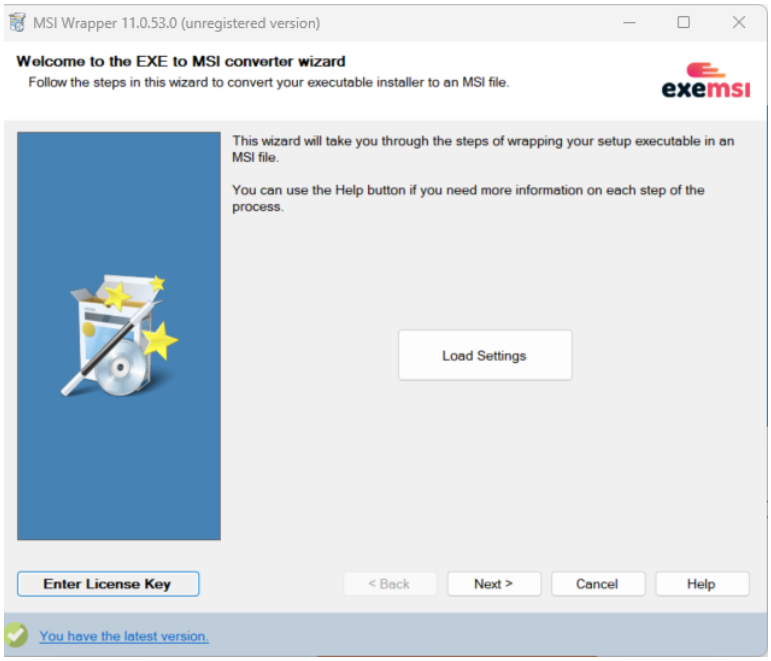
Microsoft Active Directory only supports MSI packages that can be uploaded to Group Policy Objects. We must convert Saner Agent from EXE format to MSI format.

Follow the steps below to convert Saner Agent from EXE format to MSI format.

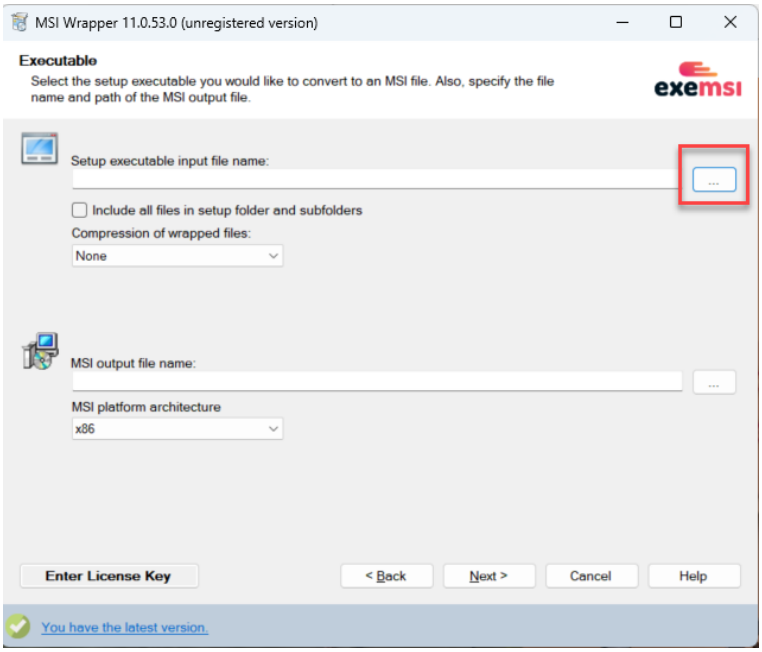
Step 1: Log in to the Saner CVEM web console and download the Saner Agent for Windows onto your computer.

Step 2: Download the MSI Wrapper tool using the below link and install it on your computer.
https://www.exemsi.com/download/

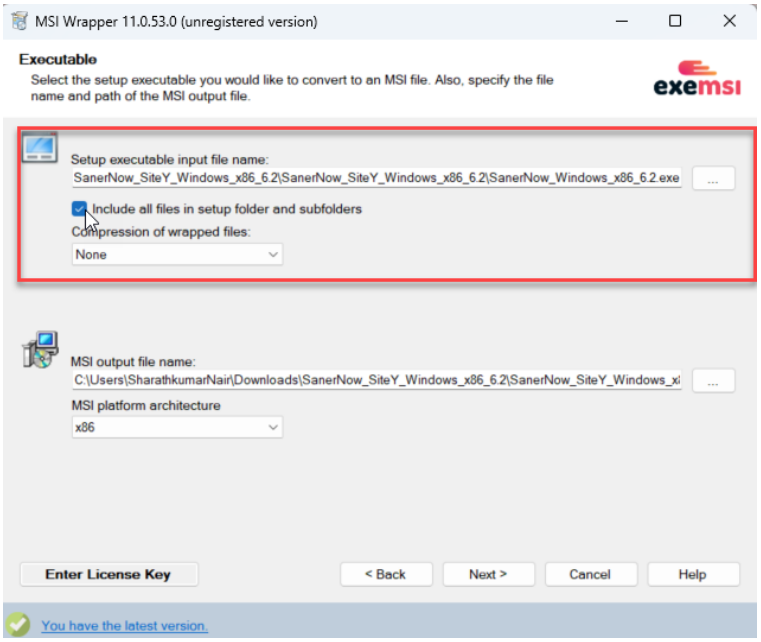
Step 3: Once installed, launch the MSI Wrapper tool. Click the **Next** button.



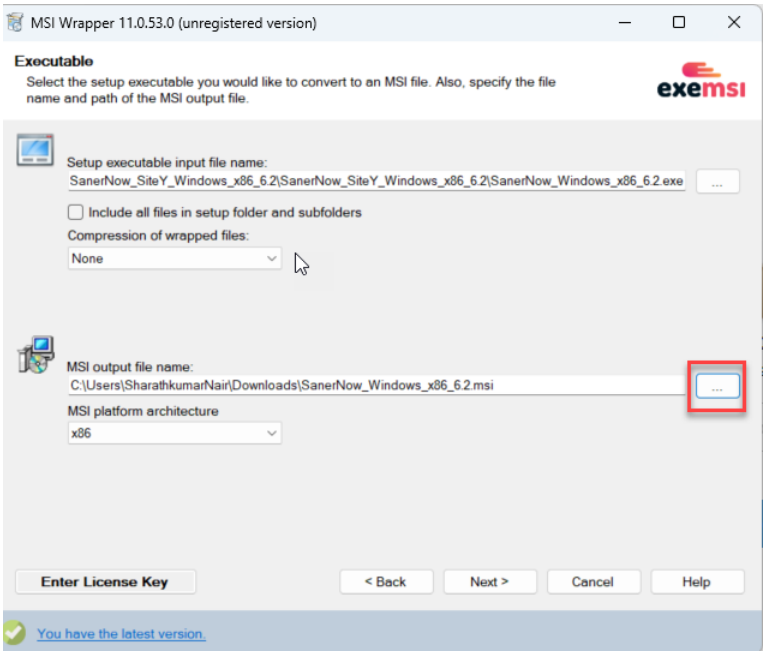
Step 4: Click the three dots button on the top-right of the screen and navigate to the location where the Saner Agent folder exists.



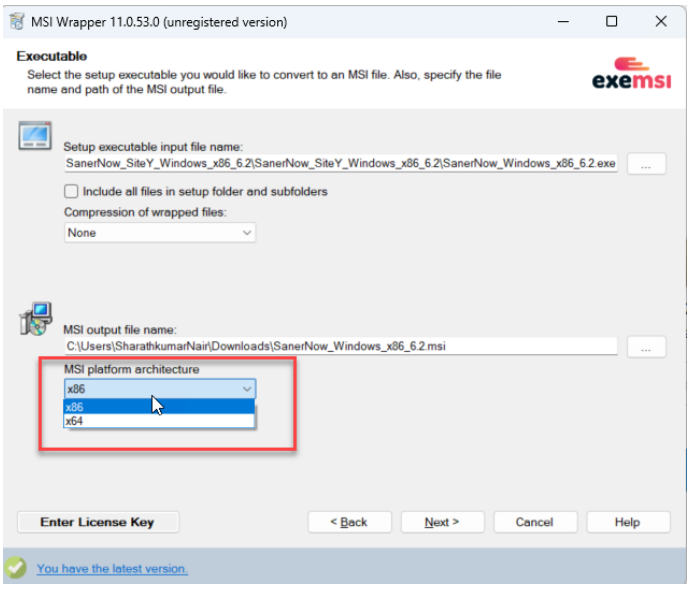
Step 5: Click the checkbox next to **Include all files in setup folder and subfolders.**



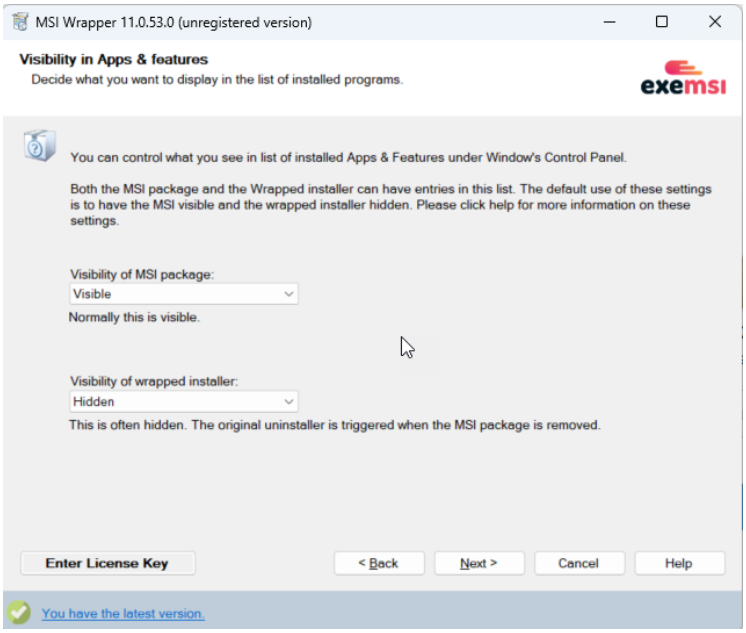
Step 6: Click the three dots button next to the **MSI output file name** to specify the path where the Saner Agent MSI package will be saved on the hard drive.



Step 7: Specify the MSI platform architecture from the drop-down menu. Click the **Next** button.

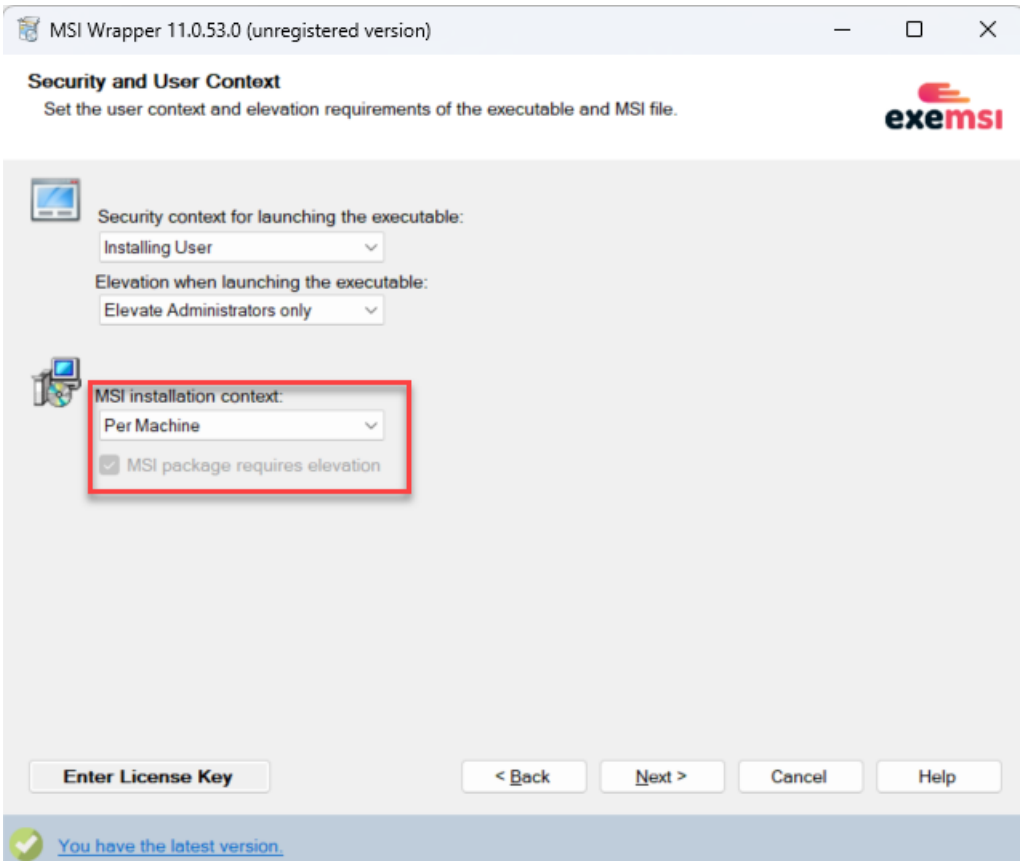


Step 8: On this screen, keep the settings unchanged. The **Visibility of the MSI package** setting must be set to **Visible.** The **Visibility of wrapped installer** settings should be set to **Hidden.** Click the **Next** button.

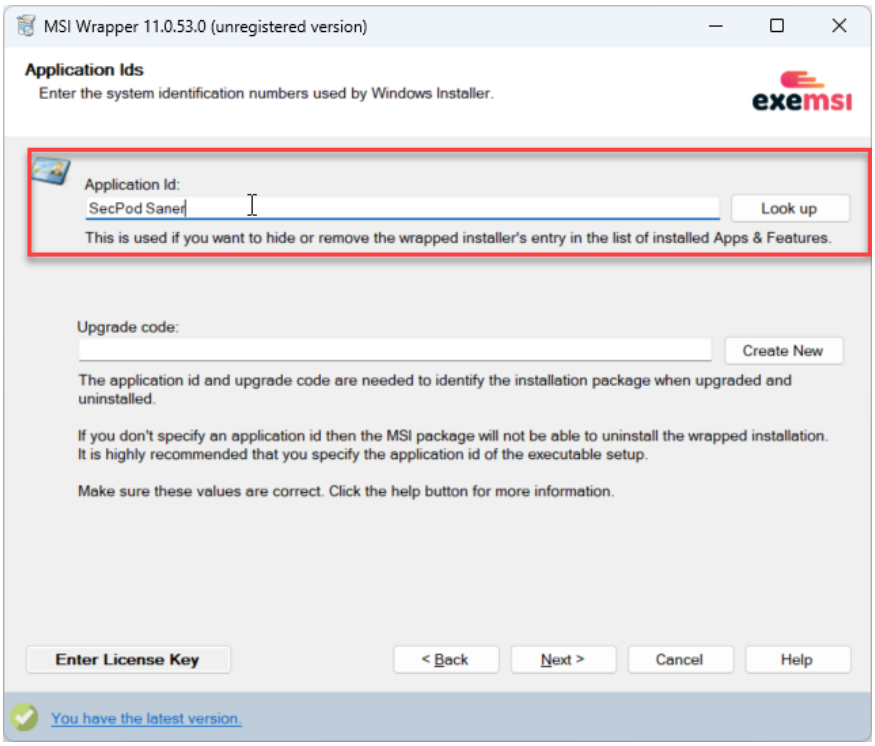


Step 9: On this page, click the **MSI Installation context drop-down box** and select **Per Machine** from the drop-down list.

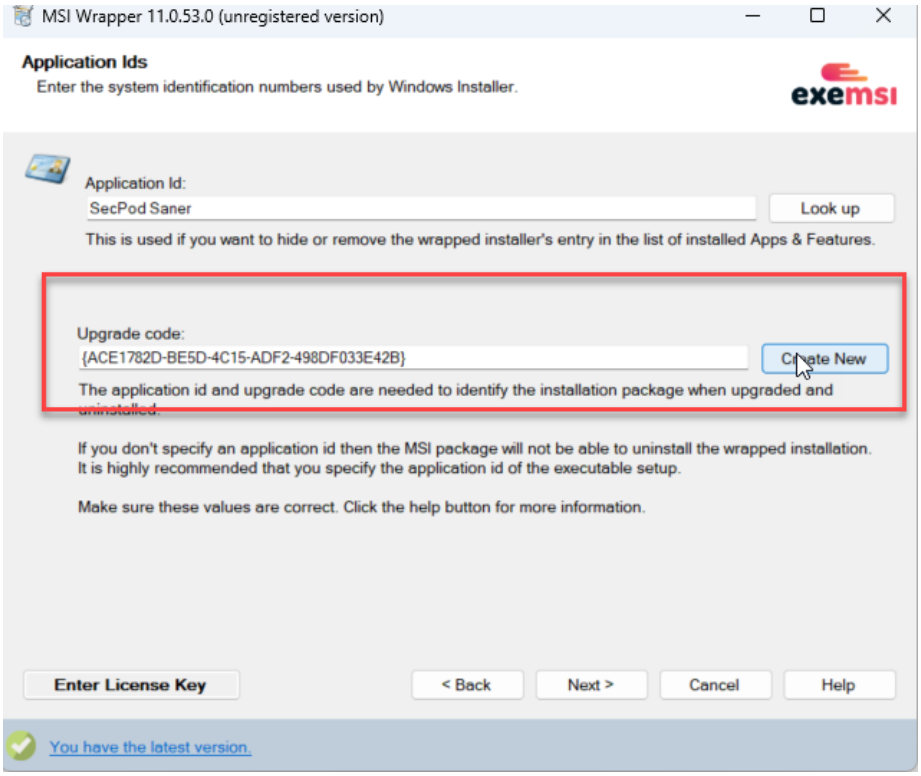
Click the **Next** button.



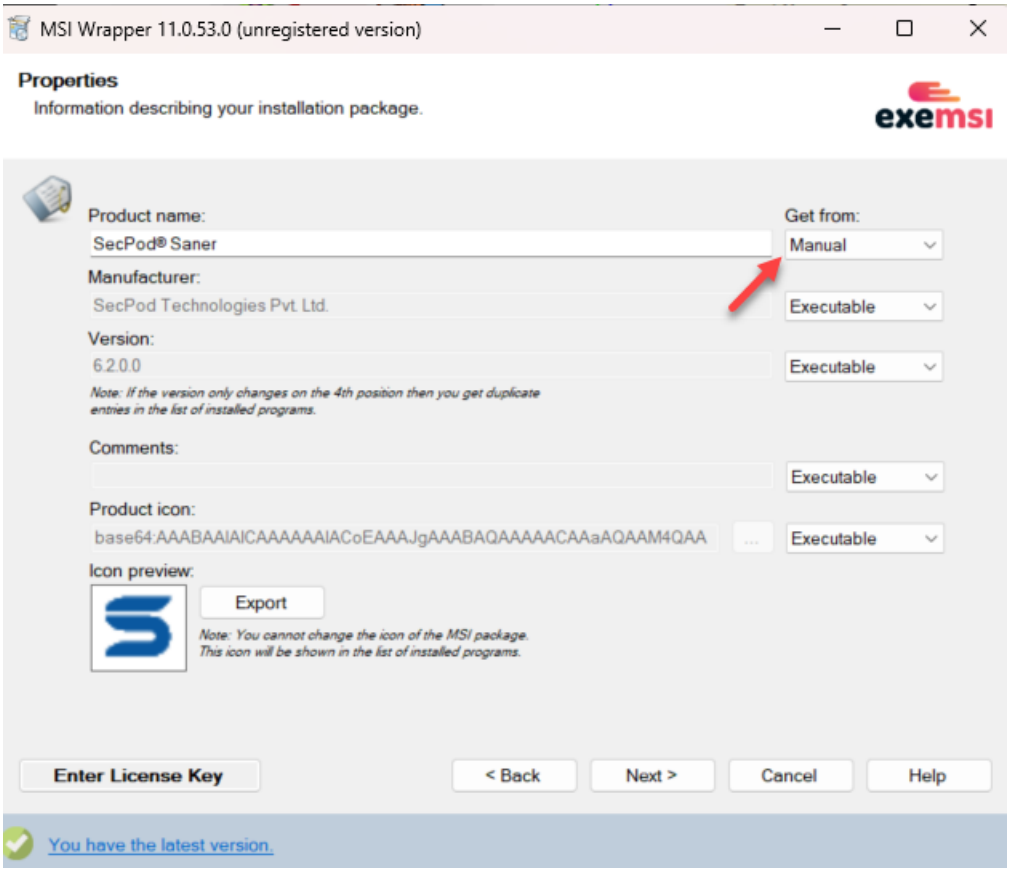
Step 10: On this page, in the **Application Id** text box, enter the value as **SecPod Saner.**



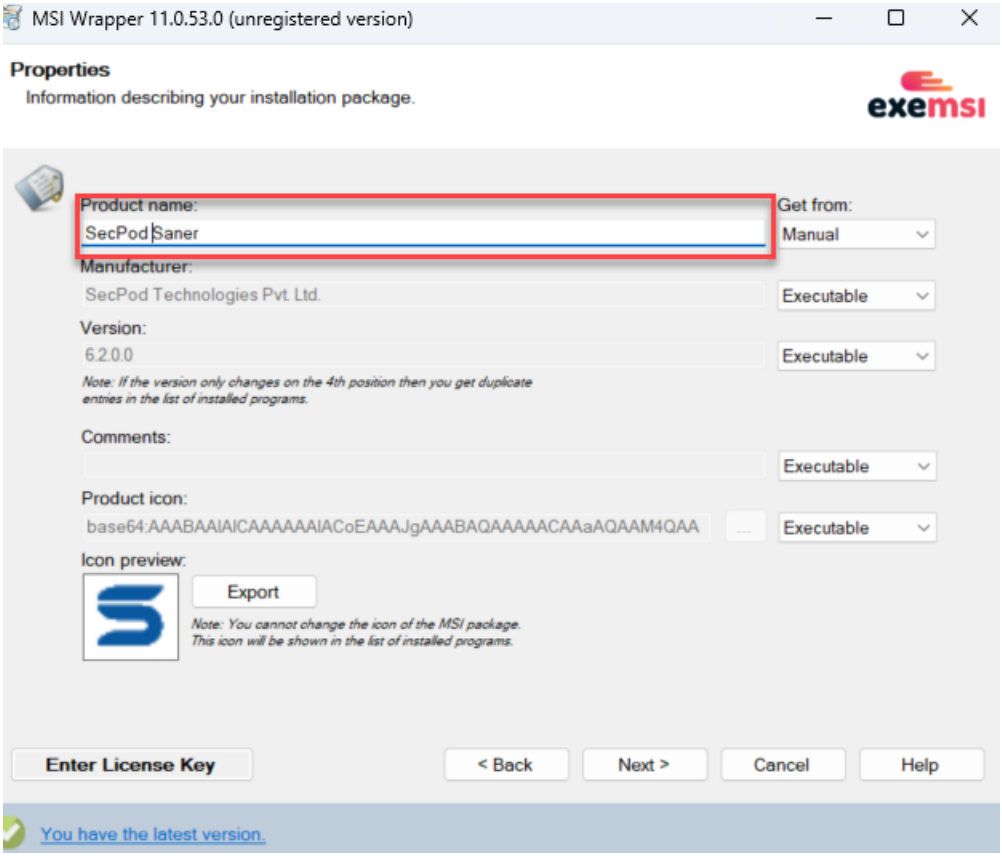
Step 11: Click the **Create New** button to create a new **Upgrade code.** Click the **Next** button.



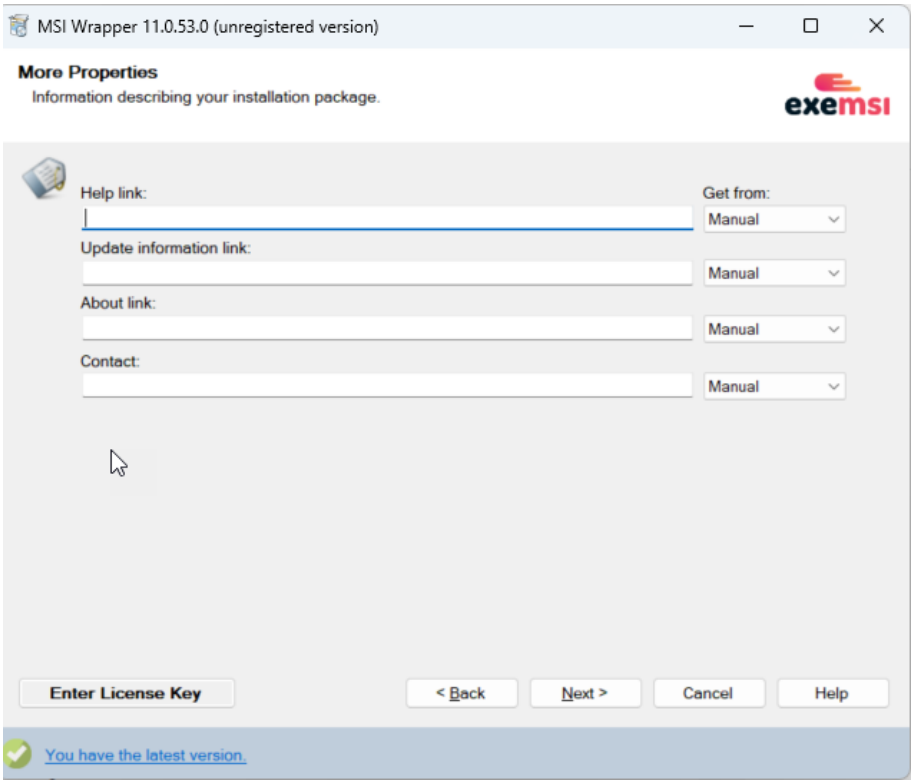
Step 12: Click the **Get from** drop-down box next to the **Product name** input box. Select **Manual** from the drop-down list.



Step 13: In the **Product name** input box, enter the value as **SecPod Saner.** Click the **Next** button.

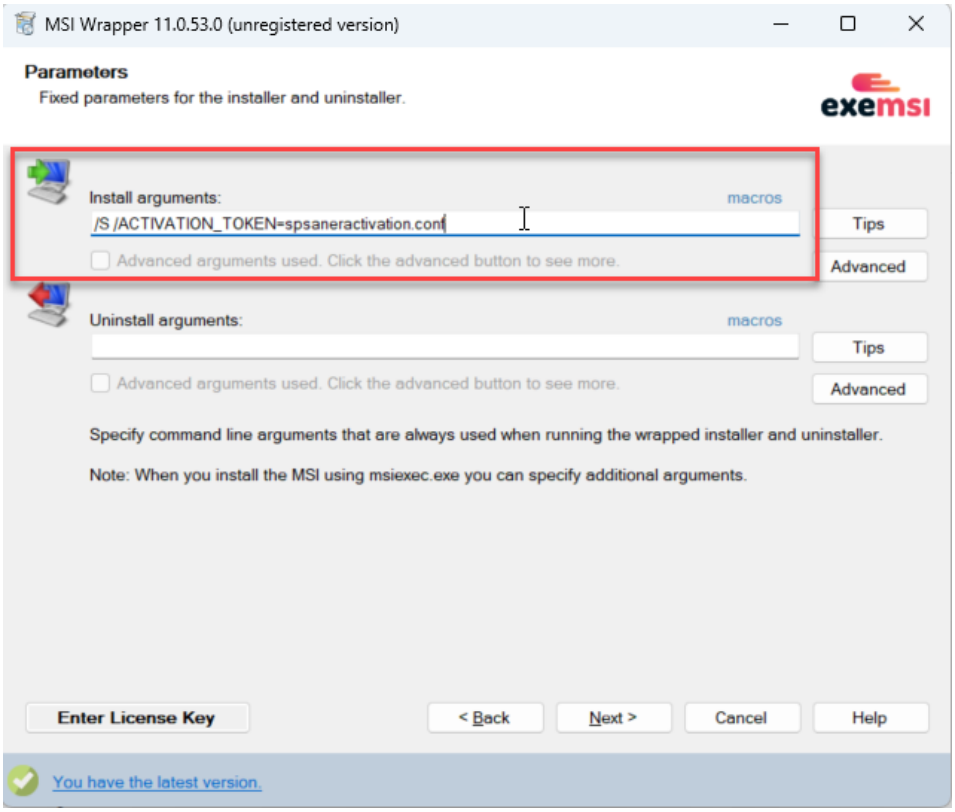


Step 14: Do not enter any information on this screen. Click the **Next** button.



Step 15: Specify the arguments in the **Install Arguments** input box. Enter the arguments as mentioned below and click the **Next** button.

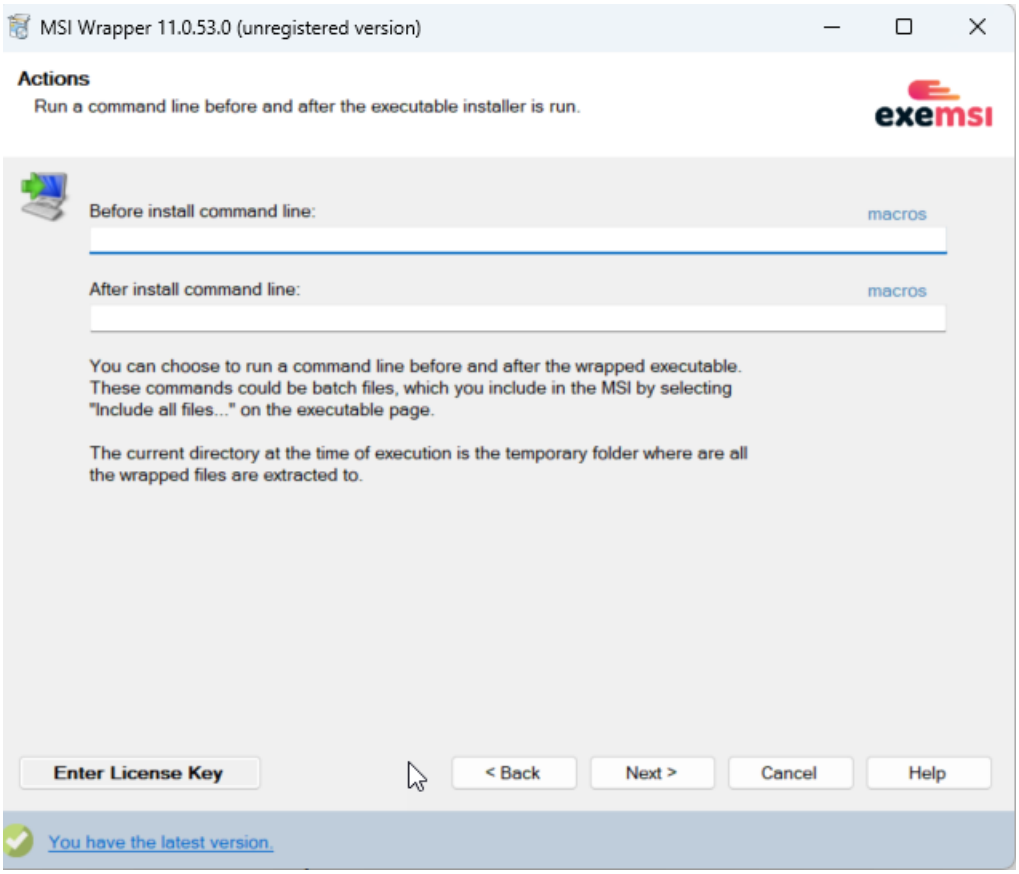
```
/S /ACTIVATION_TOKEN=spsaneractivation.conf
```



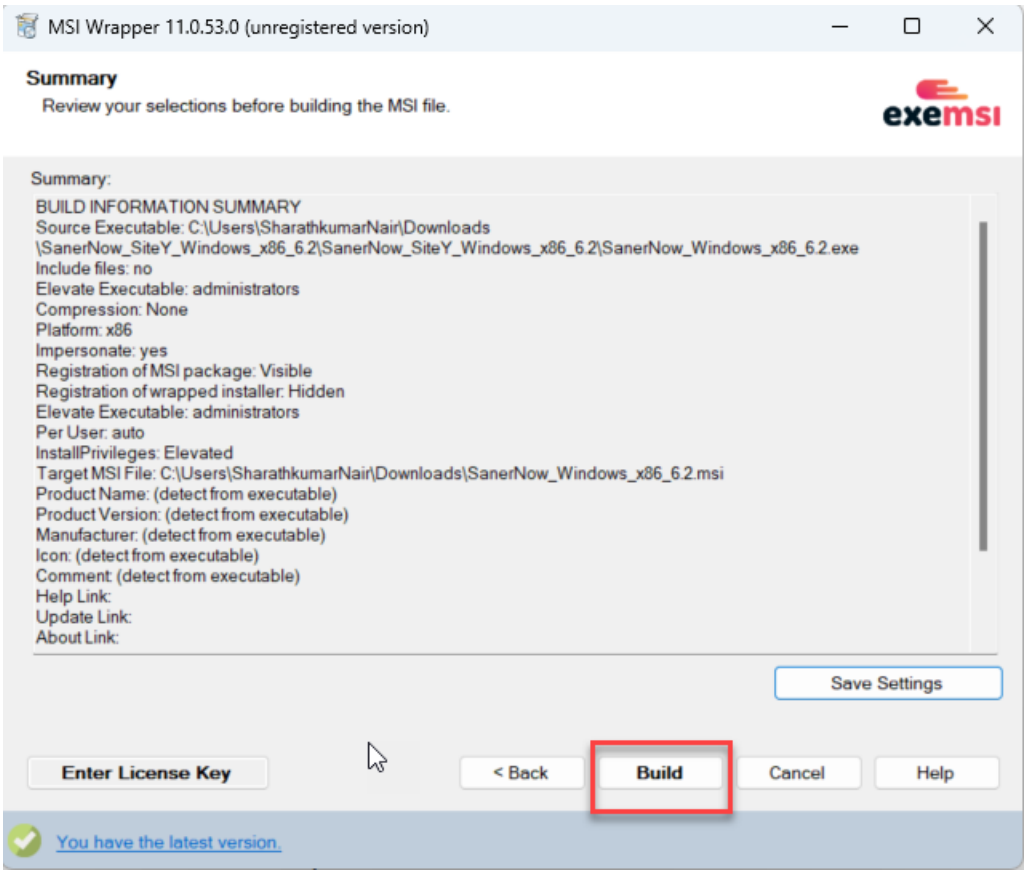
Important

Ensure that the **spsaneractivation.conf** file is present in the same directory where **Saner Agent.exe** exists.

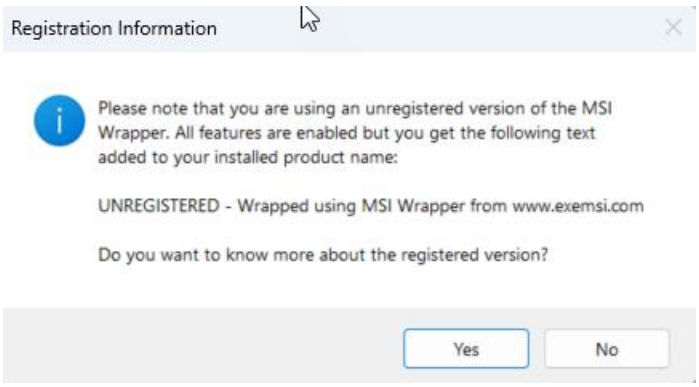
Step 16: Do not enter any information on this screen. Click the **Next** button.



Step 17: Click the **Build** button.

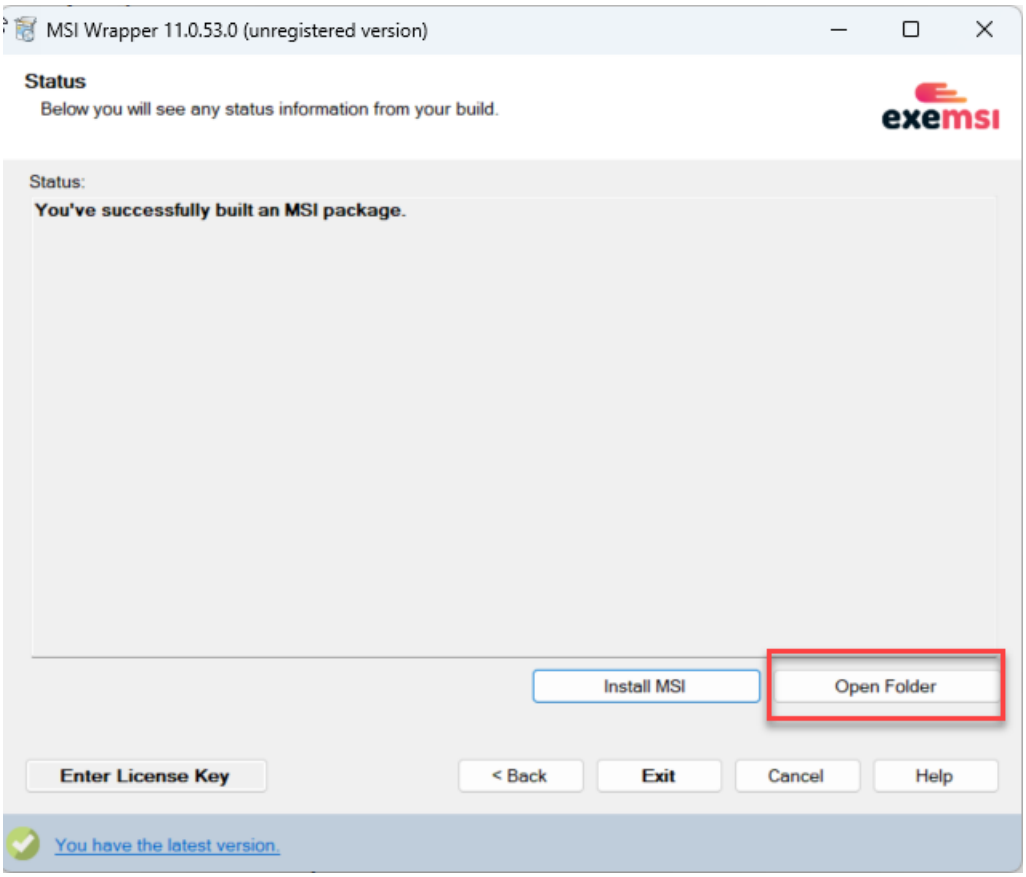


Step 18: A prompt appears on the screen. Click the **No** button.



Step 19: The MSI package is created and stored at the location you specified in **Step 5.**

You can click the **Open Folder** button to access the MSI package.



Creating a Shared Distribution Point

Follow the below steps to create a Shared Distribution Point.

Step 1: Log on to the server machine as an **Administrator.**

Step 2: Create a shared network folder to place the Saner Agent MSI package.

Step 3: Set permissions on the shared folder to allow access to the distribution point.

Step 4: Copy the Saner Agent MSI packages into the shared folder.

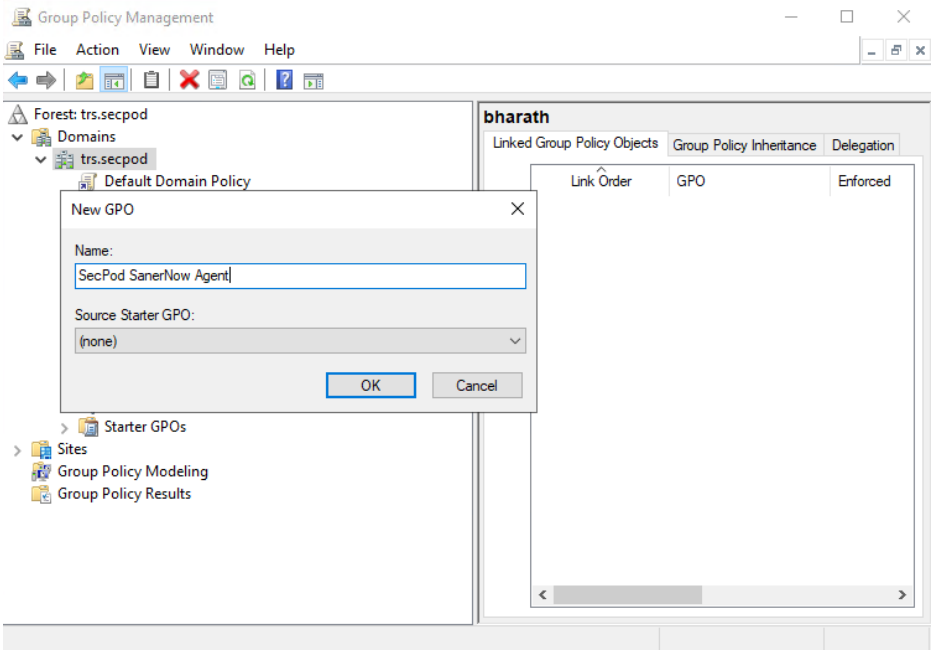
Creating a Group Policy Object

Follow the steps below to create a Group Policy Object to deploy the Saner Agent MSI package.

Step 1: Press [Windows Key + R], type "**gpmc. msc"** and click **OK**.

Step 2: Right-click on your domain, select **Create a GPO in this domain, and Link it here.**

Step 3: Provide a name for the **New GPO** and click the **OK** button.

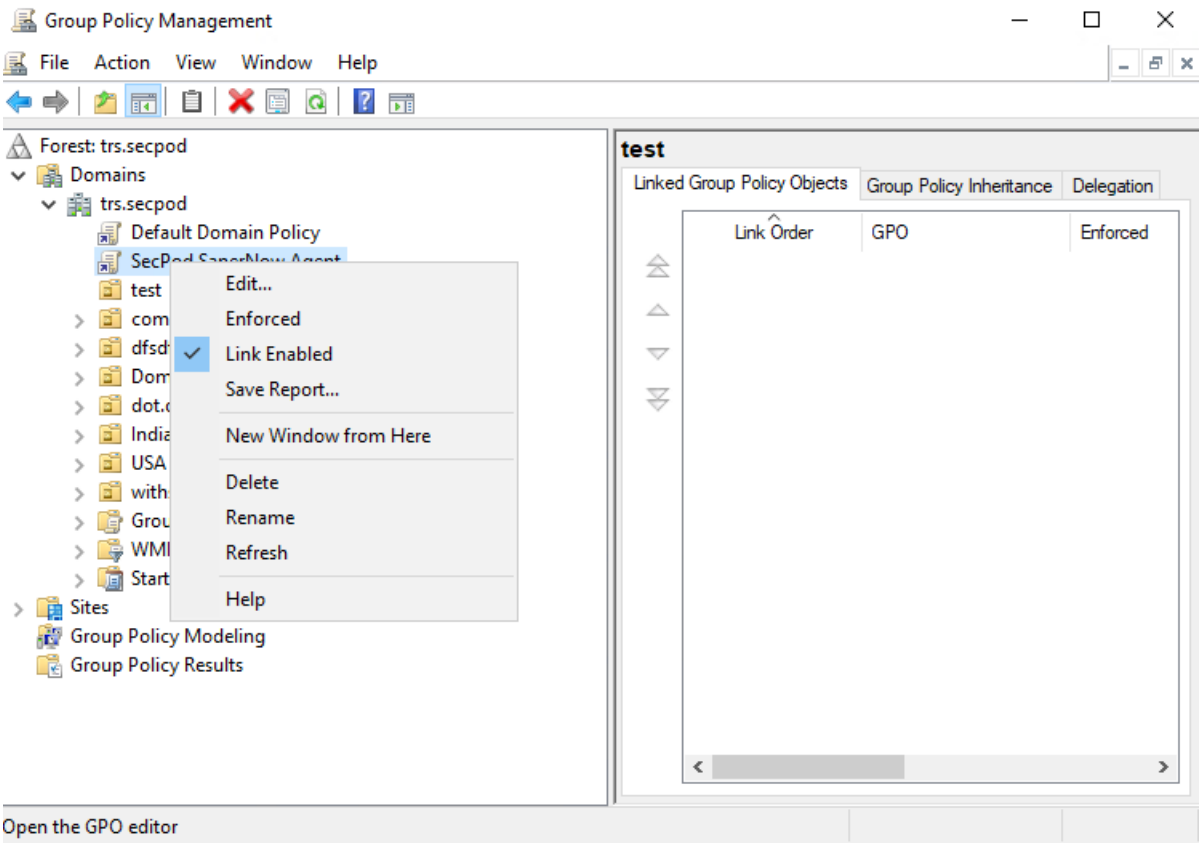


You have successfully created a new Group Policy Object.

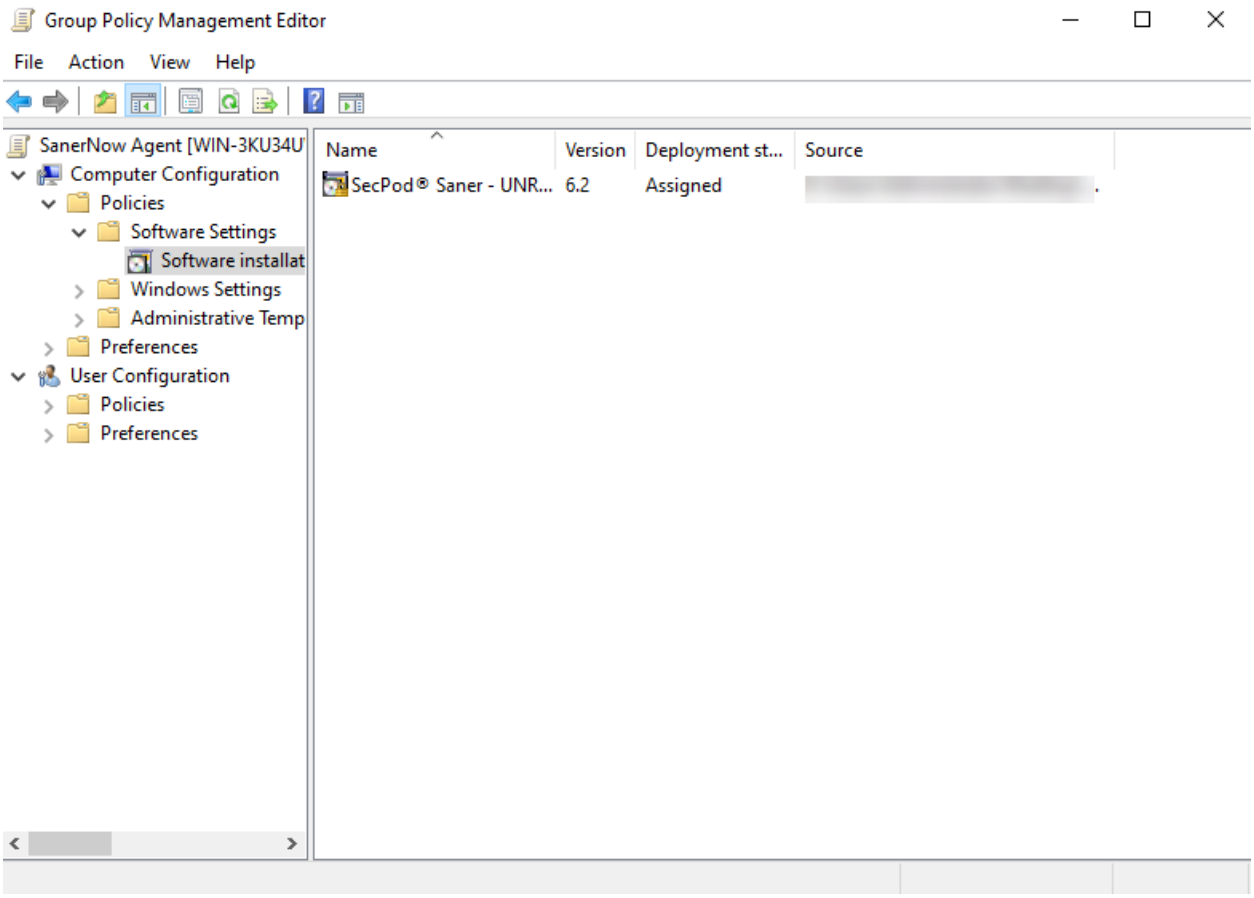
Uploading the Saner Agent in MSI format into GPO

Follow the below steps to assign the Saner MSI package to the Group Policy Object.

Step 1: Right-click on the newly created Group Policy Object and click on **Edit.**



Step 2: Expand the **Policies folder** located under **Computer Configuration** to access the **Software Settings** folder located



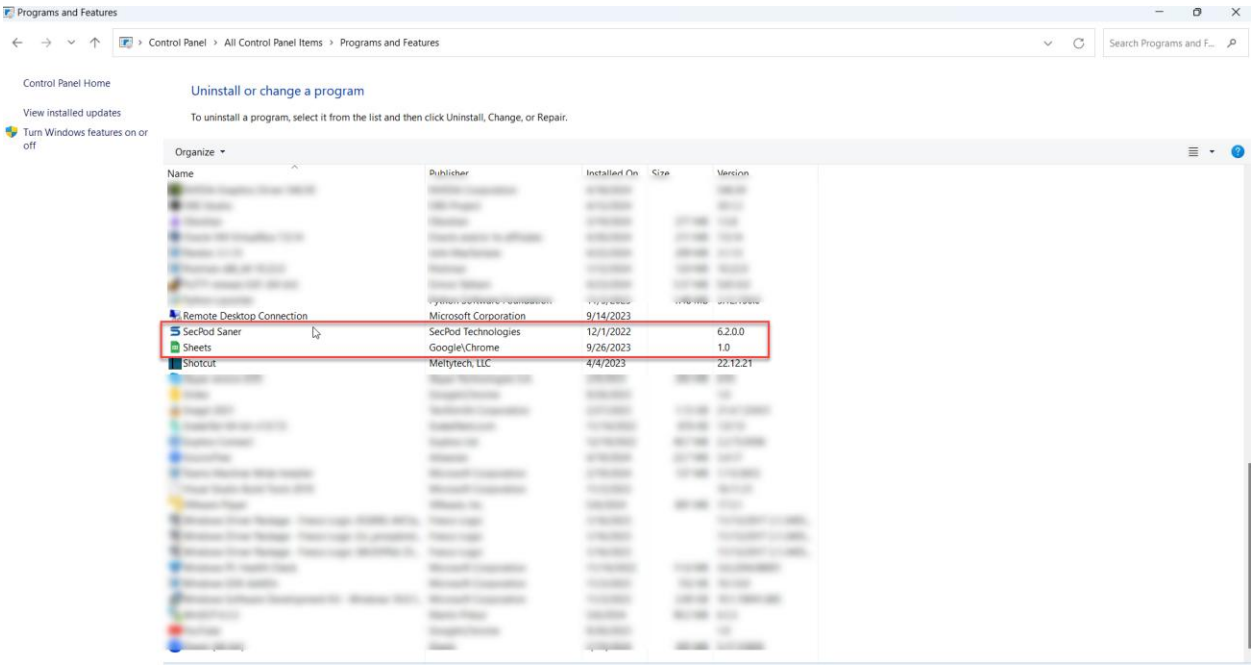
Step 3: Right-click on **Software Installation,** select **New, and** select **Package.** Browse to the location where the Saner Agent MSI package is on the Shared Distribution Point and click **Open.**

Step 4: Choose the deployment method as **Assigned** and click **OK.**

Deploying Saner Agent on Endpoints

The Active Directory GPO pushes the Saner Agent package to the endpoints that are part of the domain. The package gets silently installed on the device when the endpoint reboots.

You can log in to the device and check if Saner Agent is installed. Go to **Control Panel.** Click on **Programs and Features.** You should find SecPod Saner in the program list.



Alternatively, you can log in to the Saner CVEM web console. Go to the **Managed Devices** page to check if the Saner Agent has been activated and is visible on the Managed Devices page.