



# How to Install SentinelOne with Jamf Pro


*Rev. 20250318*

## Contents

## Preface

SentinelOne is a cutting-edge, cybersecurity platform designed to protect organizations from a wide range of threats, including malware, ransomware, and zero-day exploits. By leveraging autonomous technology, SentinelOne provides real-time threat detection, prevention, and remediation without requiring constant human intervention. Its integration of endpoint protection with forensic analysis ensures a robust defense against cyber threats while offering deep insights into security events. This makes SentinelOne an ideal solution for enterprises seeking to enhance their cybersecurity posture with minimal manual oversight.

This guide will walk you through installation steps and configurations required to silently deploy SentinelOne to your Mac computers using Jamf Pro. By following these guidelines and leveraging SentinelOne's autonomous capabilities, you can secure your macOS endpoints effectively while maintaining optimal performance.

This guide will focus on installing SentinelOne on Mac computers running macOS 15 (Sequoia)

Requirements for installing SentinelOne on macOS 15:

- SentinelOne macOS Agent version 24.2.2 or later. At the time of writing this guide SentinelOne is on  version 24_4_1_7830
- Pre Authorized Configuration Profiles to prevent user prompts during deployment. This will be created in this guide.

This guide was written using the following:

- macOS 15.3.2
- Jamf Pro Server 11.4.1
- SentinelOne macOS Agent version 24_4_1_7830

## Section 1: Packages and Scripts

**What You'll Need**
Learn what hardware, software, and information you'll need to complete the tutorials in this guide.

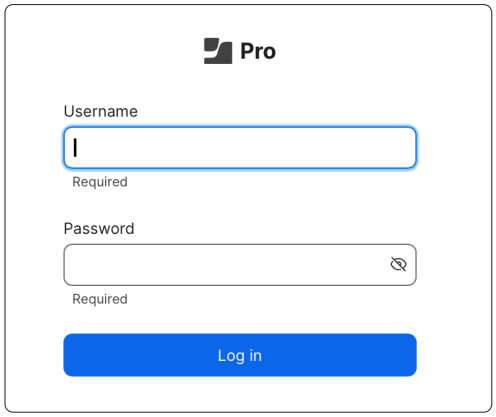
**Hardware and Software**
Requirements for following along with this guide:

- Administrative access to your Jamf Pro server.
- SentinelOne macOS Agent installer package version 24.2.2 or later. At the time of writing, SentinelOne is on version 24_4_1_7830
- SentinelOne organization token

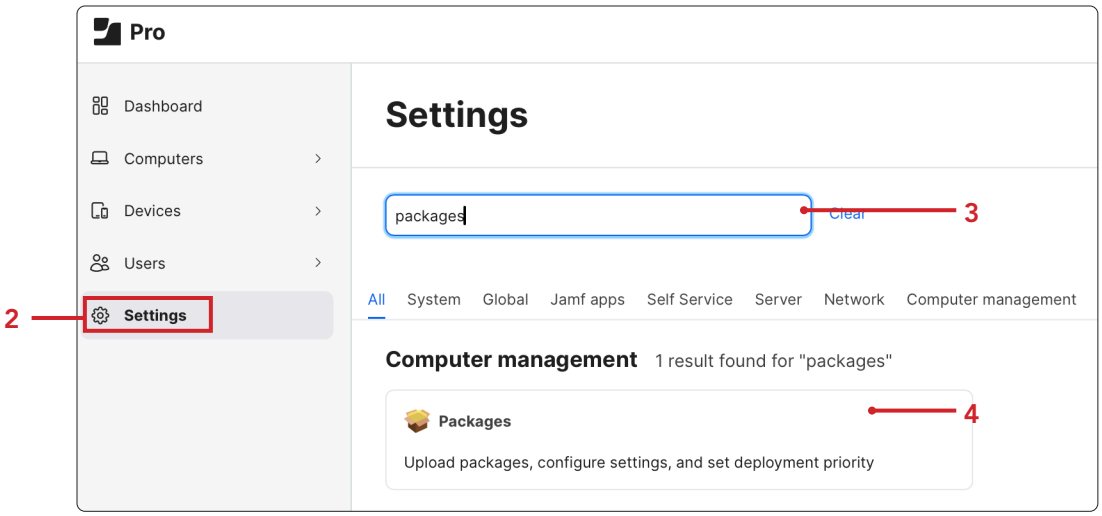
You need to log into your organizations SentinelOne console to get the installer package and your organizational token. This guide will not cover getting the installer package or organizational token from SentinelOne.

In this section, we will upload the SentinelOne macOS Agent and create a script to install and license the SentinelOne Agent without any user interaction.

1. Log into your Jamf Pro server with administrative privileges.

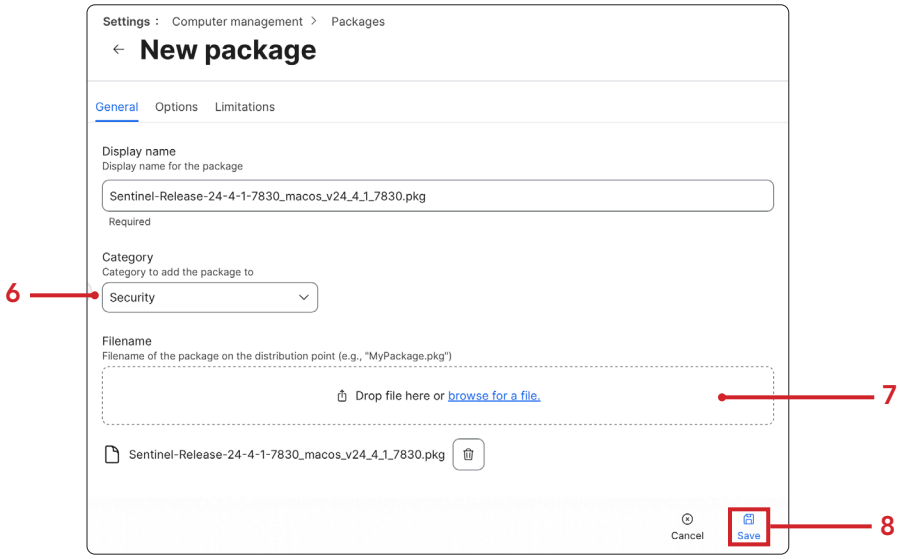



2. Click Settings (⚙).
3. Enter **packages** in the search field.
4. Click Packages.

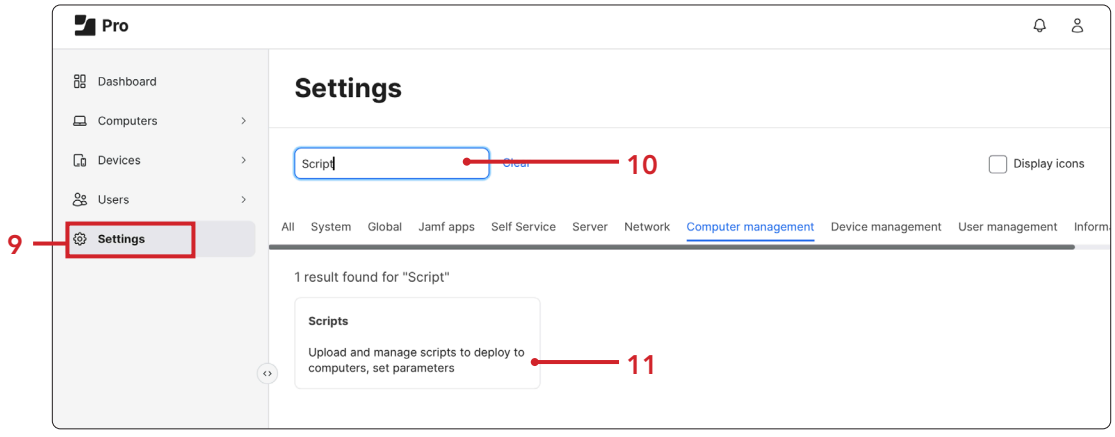


5. Click New (+).


6. Select a category. This guide will use Security.
7. Drag and drop your SentinelOne installer package in the Drop file her section.
8. Click Save. This will start the package upload.



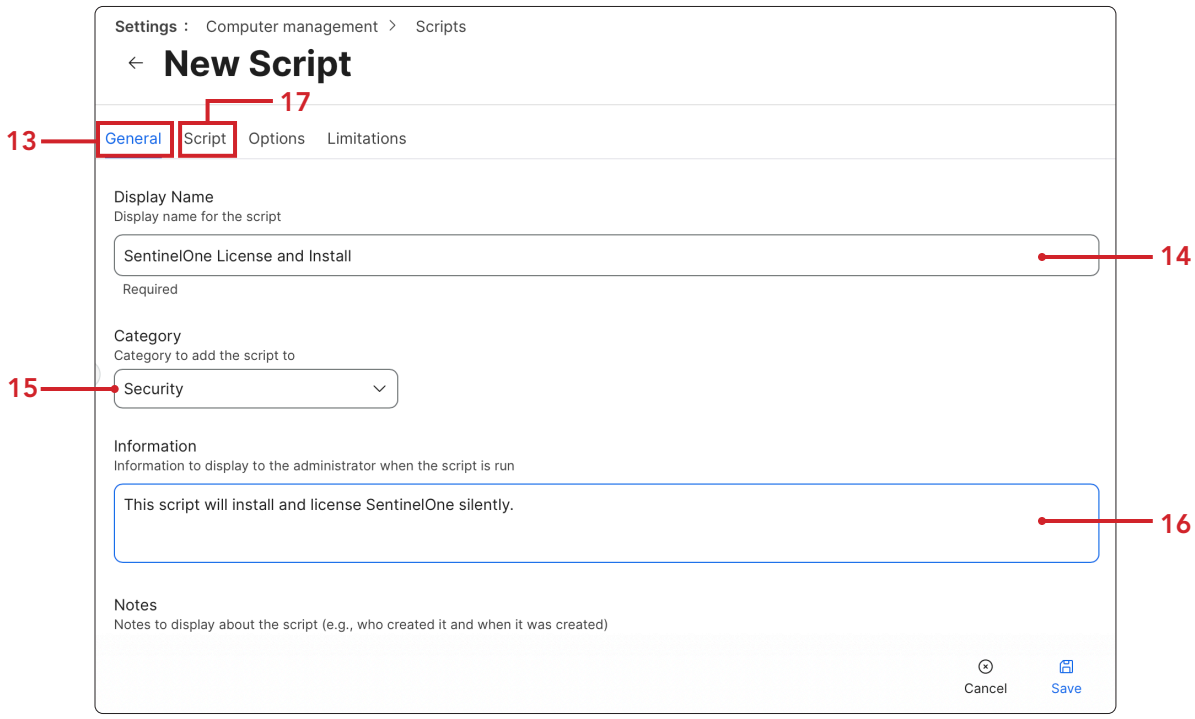

9. Click Settings.
10. Enter **scripts** in the search field.
11. Click Scripts.




.

12. Click New.


13. Click General
14. Enter **SentinelOne License and Install** for Display Name.
15. Select a category of your choosing. This guide will use Security
16. Enter **This script will install and license SentinelOne silently** for Information.
17. Click Script.



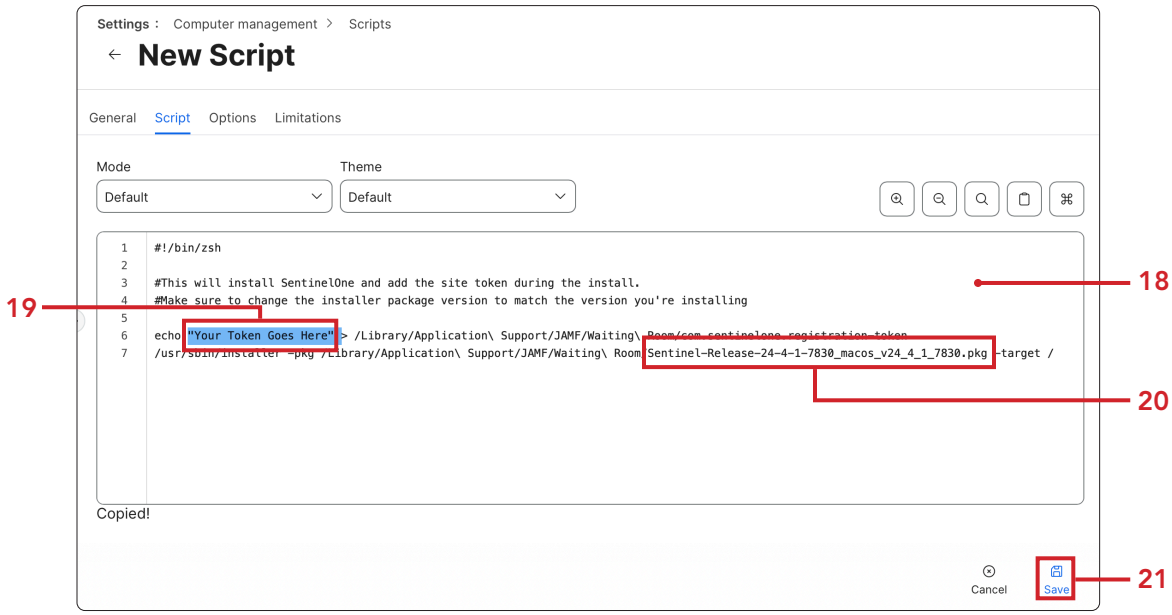
18. Copy and paste the code below into the script field

```
#!/bin/zsh

#This will install SentinelOne and add the site token during the install.
#Make sure to change the installer package version to match the version
you're installing

echo "Your Token Goes Here" > /Library/Application\ Support/JAMF/Waiting\
Room/com.sentinelone.registration-token

/usr/sbin/installer -pkg /Library/Application\ Support/JAMF/Waiting\ Room/
Sentinel-Release-24-4-1-7830_macos_v24_4_1_7830.pkg -target /
```

19. Enter your organizational token in the "Your Token Goes Here" section of the script as shown on line 6. Be sure to enter the token in between the double quotes.

20. Enter the SentinelOne installer package name at the end of line 7 of the script. It may differ from what is shown in the screen shot below.

21. Click Save.




This completes this section. In the next section, we will create two smart computer groups to use for scoping the installation of SentinelOne.

## Section 2: Create Smart Computer Groups

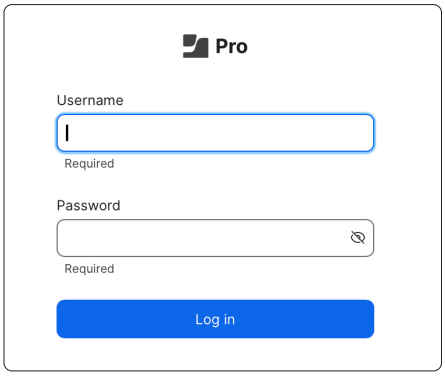
**What You'll Need**
Learn what hardware, software, and information you'll need to complete the tutorials in this guide.

**Hardware and Software**
Requirements for following along with this guide:

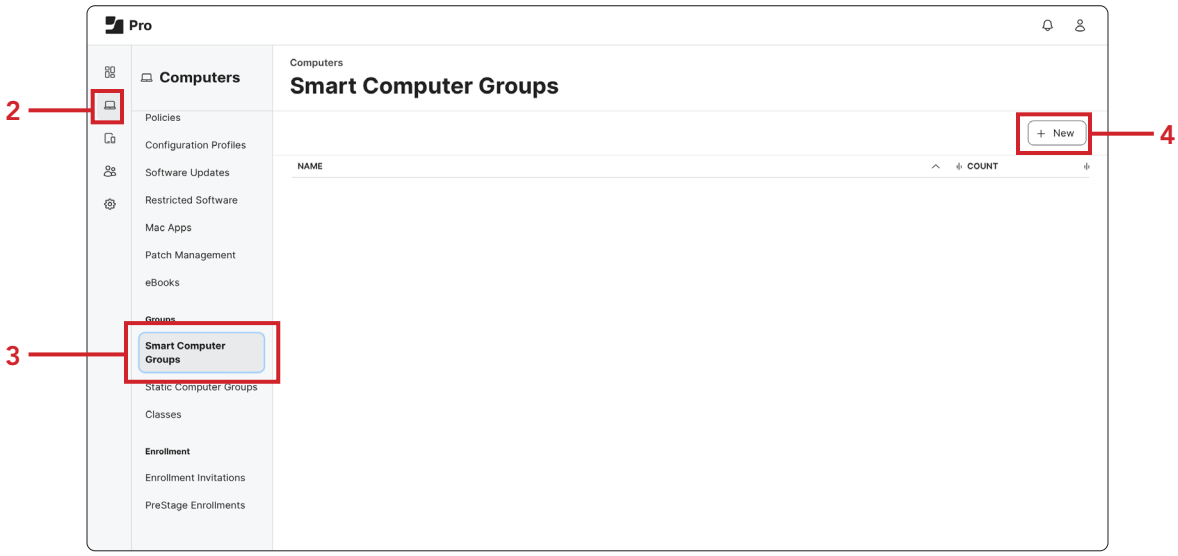
- Administrative access to your Jamf Pro server.

In this section, we will create two smart computer groups to use for scoping the installation of SentinelOne.

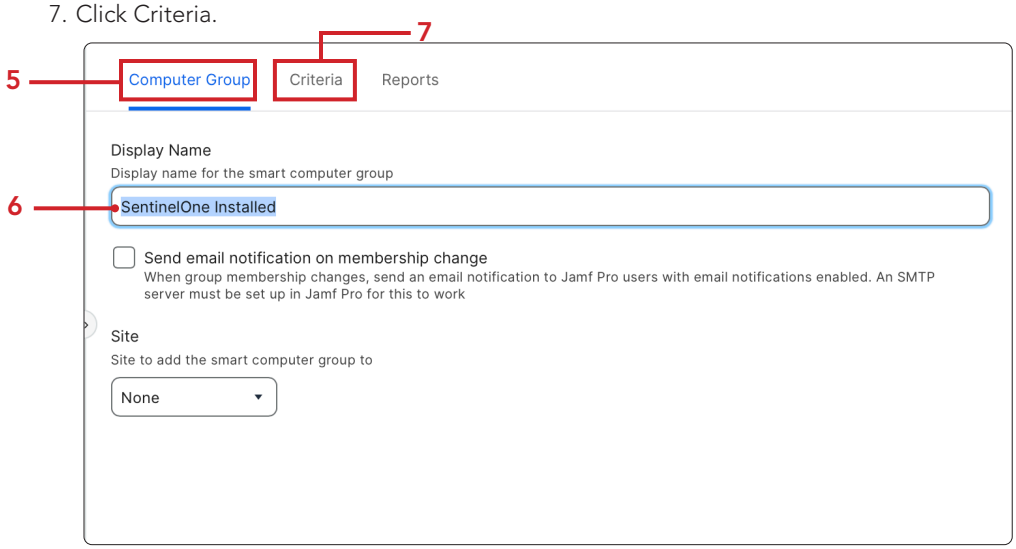
1. If necessary, Log into your Jamf Pro server with administrative privileges.




2. Click Computers.
3. Smart Computer Groups.
4. Click New.



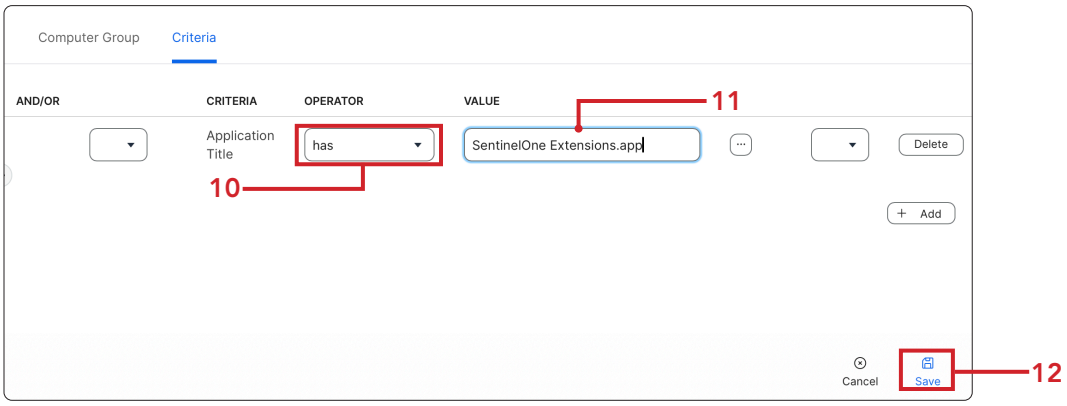
5. Click Computer Group.
6. Enter **SentinelOne Installed** for Display Name.
7. Click Criteria.




8. Click Add.

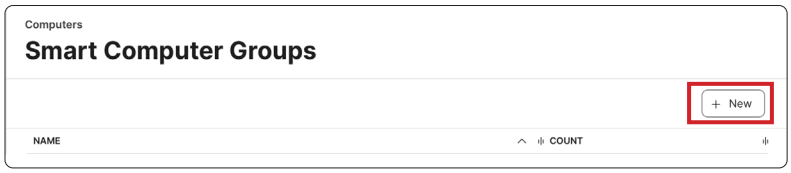

9. Click Choose for Application Title.


10. Select "has" for the Operator
11. Enter **SentinelOne Extensions.app** for the Value.
12. Click Save.

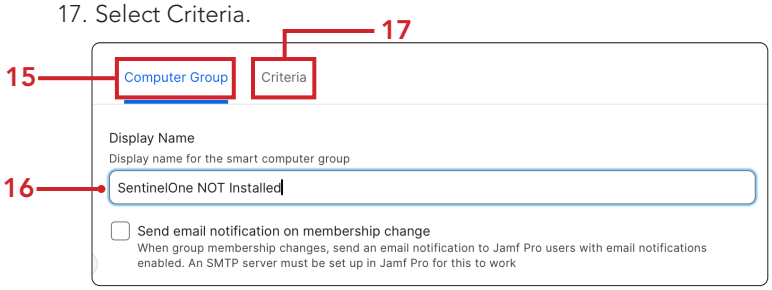


13. Click Previous (←).

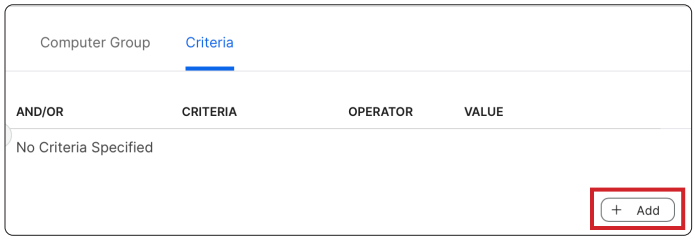

14. Click New (+).



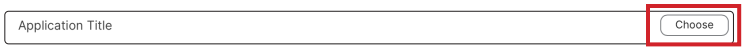

15. Click Computer Group.
16. Enter **SentinelOne NOT Installed** for Display Name.
17. Select Criteria.




18. Click Add.




19. Click Choose for Application Title.

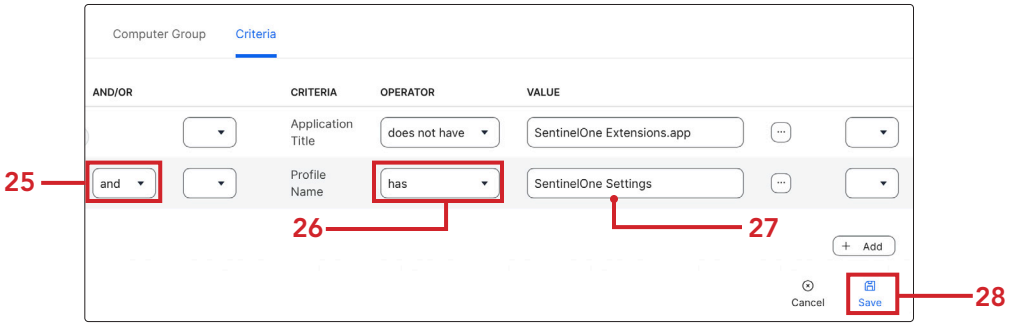



20. Select "does not have" for the Operator:
21. Enter **SentinelOne Extensions.app** for the Value.
22. Click Add.

23. Click Show Advanced Criteria.


24. Click Choose for Profile Name.


25. Select "and".
26. Select "has" for the Operator
27. Enter **SentinelOne Settings** for the Value.
28. Click Save.




This completes this section. In the next section, we will create a configuration profile with all the required settings to silently install SentinelOne.

## Section 3: Create a Configuration Profile

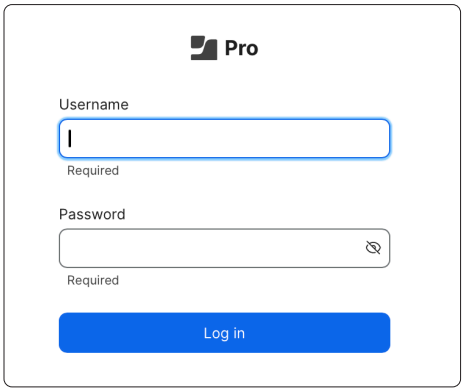
**What You'll Need**
Learn what hardware, software, and information you'll need to complete the tutorials in this guide.

**Hardware and Software**
Requirements for following along with this guide:

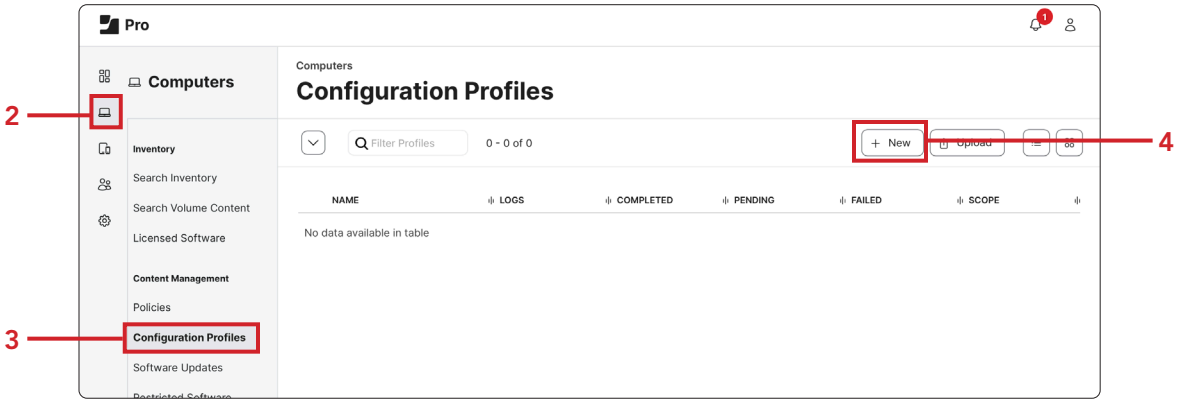
- Administrative access to your Jamf Pro server.

In this section, we will create a configuration profile with all the required settings to silently install SentinelOne.

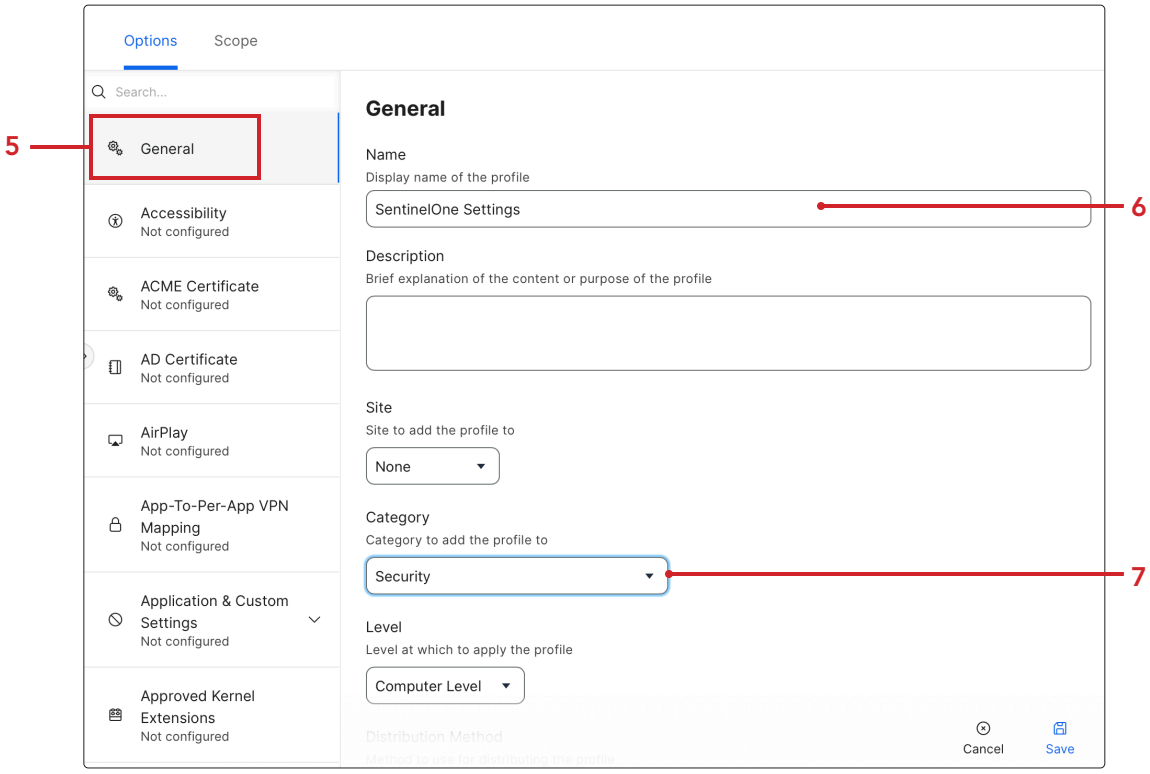
1. If necessary, Log into your Jamf Pro server with administrative privileges.




2. Click Computers.
3. Click Configuration Profiles.
4. Click New.



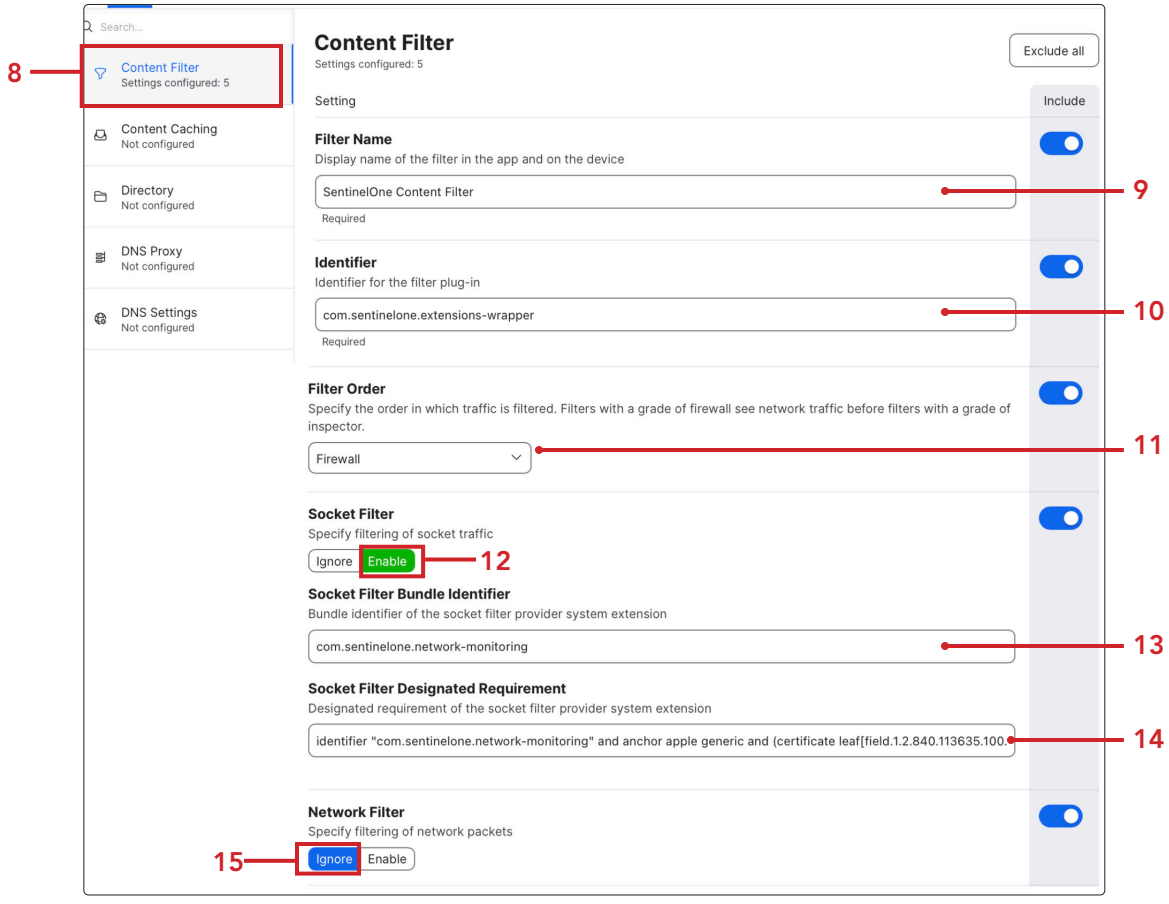
5. Click General.
6. Enter **SentinelOne Settings** for the Name. (The name MUST be spelled exactly as shown or the smart group we created in Section 2 will NOT work).
7. Select a category. This guide will use Security.



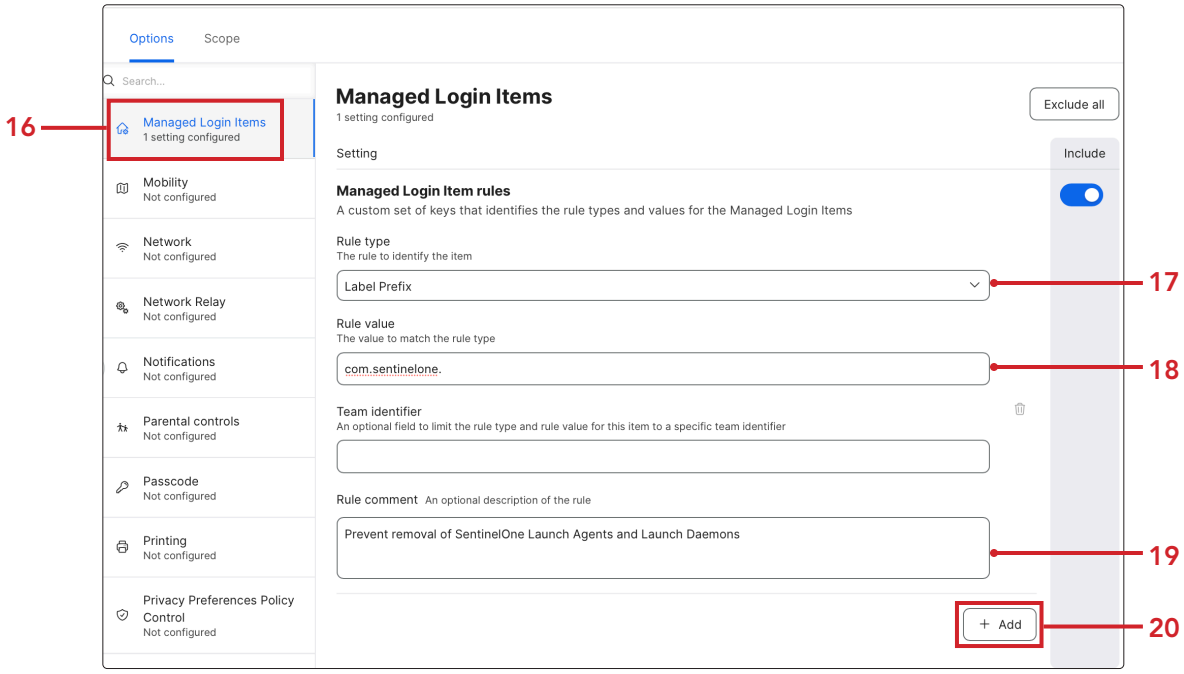
8. Scroll down and select Content Filter
9. Enter **SentinelOne Content Filter** for Filter Name
10. Enter **com.sentinelone.extensions-wrapper** for Identifier
11. Select "Firewall" for Filter Order.
12. Select "Enable" for Socket Filter.
13. Enter **com.sentinelone.network-monitoring** for Socket Filter Bundle Identifier.
14. For Socket Filter Designated Requirement, Enter:

```
identifier "com.sentinelone.network-monitoring" and anchor apple generic
and (certificate leaf[field.1.2.840.113635.100.6.1.9] /* exists */ or
certificate 1[field.1.2.840.113635.100.6.2.6] /* exists */ and certificate
leaf[field.1.2.840.113635.100.6.1.13] /* exists */ and certificate
leaf[subject.OU] = "4AYE5J54KN")
```

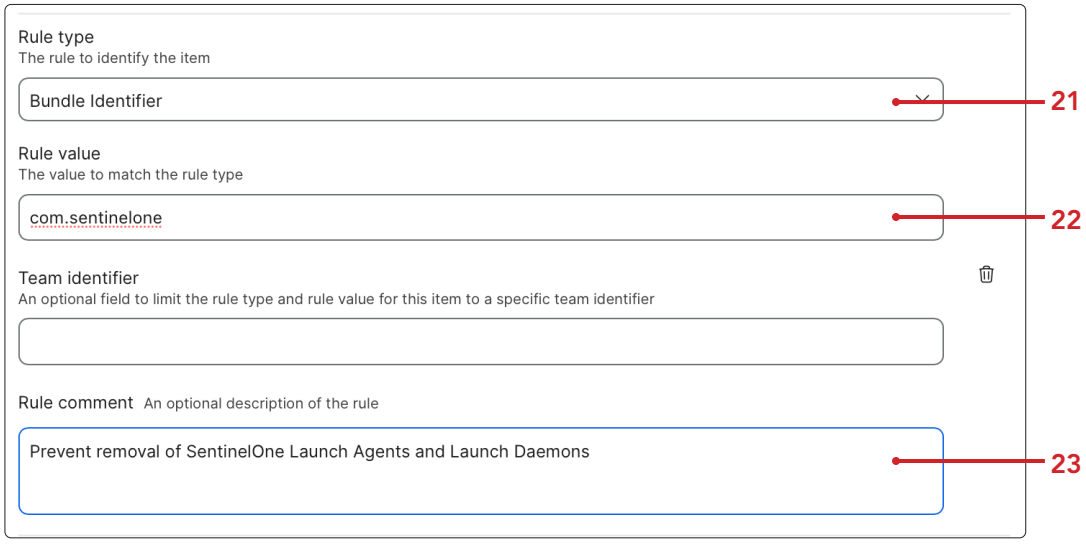
15. Select "Ignore" for Network Filter.



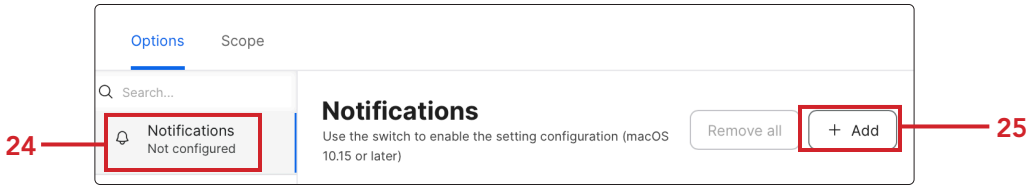
16. Scroll down and select Managed Login Items
17. Select "Label Prefix" for Rule Type.
18. Enter **com.sentinelone.** for Rule Value (there is a trailing period at the end of com.sentinelone. it must contain the trailing period)
19. Enter **Prevent removal of SentinelOne Launch Agents and Launch Daemons** for Rule Comment
20. Click Add (+).



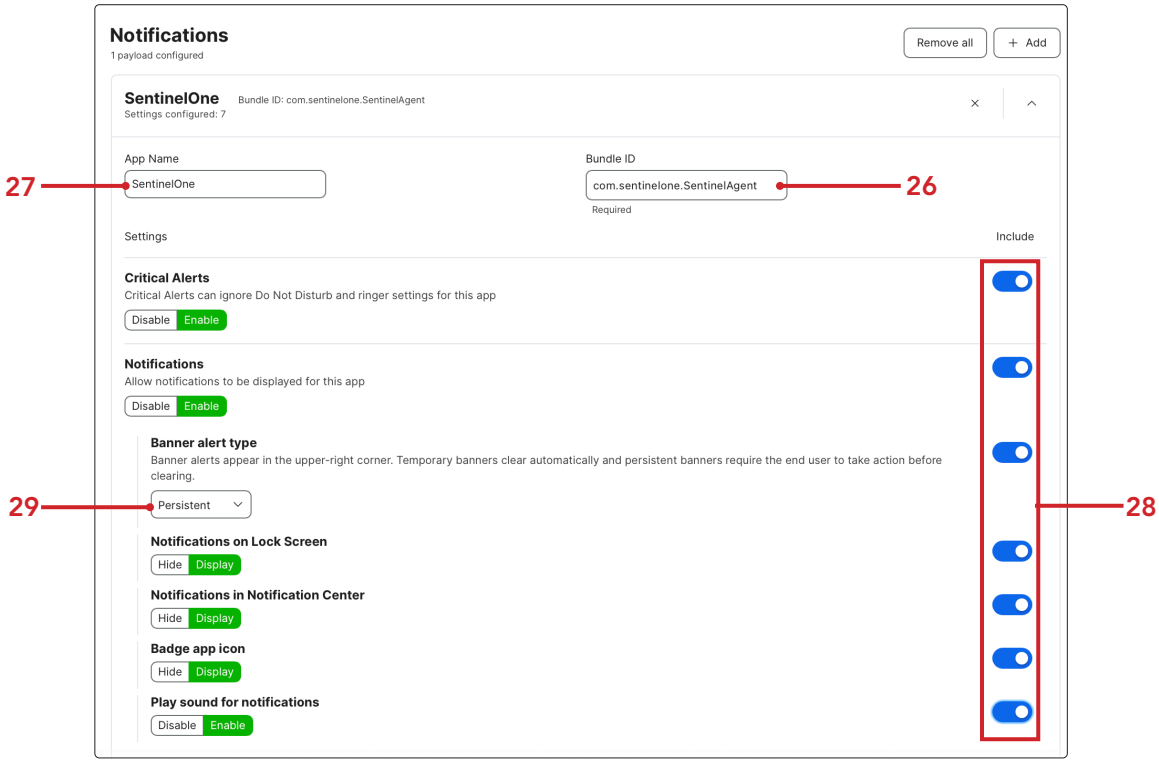

21. Enter **Bundle Identifier** for Rule Type.
22. Enter **com.sentinelone** for Rule Value:
23. Enter **Prevent removal of SentinelOne Launch Agents and Launch Daemons** for Rule Comment.



24. Scroll down the payloads and select Notifications.
25. Click Add.




26. Enter **SentinelOne** for App Name.
27. Enter **com.sentinelone.SentinelAgent** for Bundle ID.
28. Enable the following settings as shown below:
    - Critical Alerts
    - Notifications
    - Banner Type Alert
    - Notifications on Lock Screen
    - Notifications in Notification Center
    - Badge app icon
    - Play sound for notifications
29. Set "Banner Type Alert" to your liking. This guide will set to Persistent.

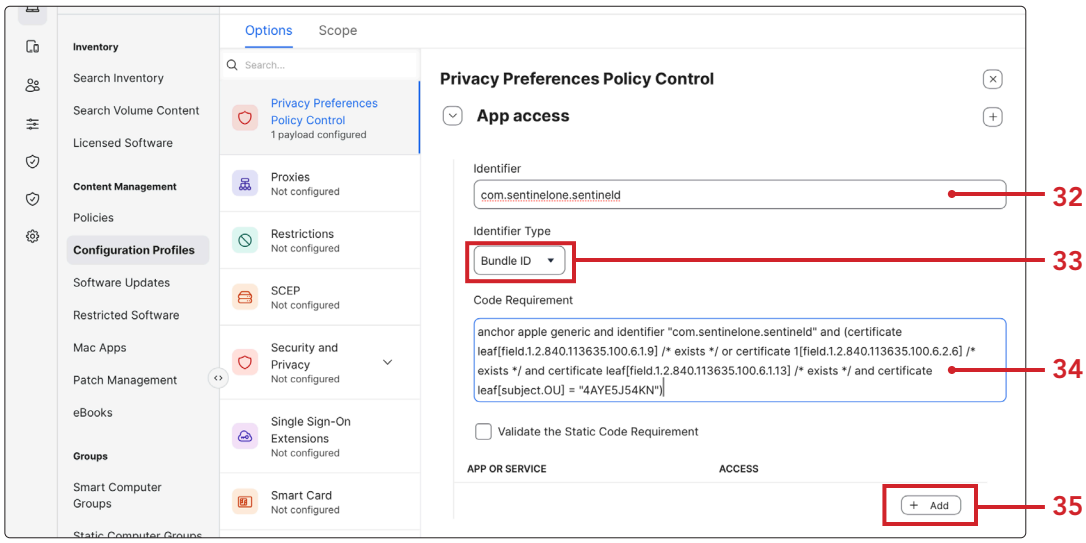


30. Scroll down and select Privacy Preferences Policy Control
31. Click Configure

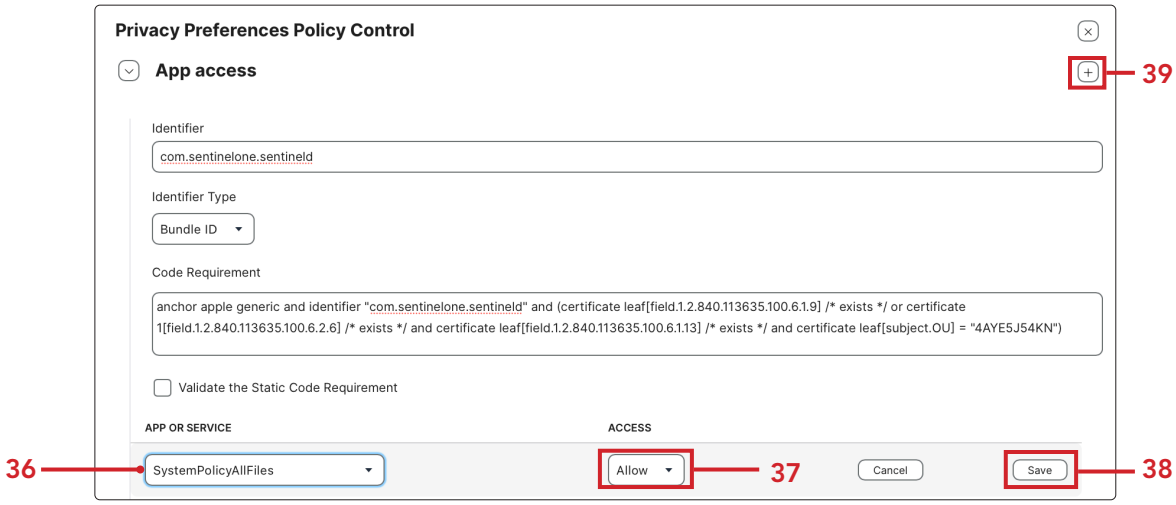

32. Enter **com.sentinelone.sentineld** for Identifier.
33. Select "Bundle ID" for Identifier Type.
34. Enter the following for Code Requirement:

```
anchor apple generic and identifier "com.sentinelone.sentineld" and
(certificate leaf[field.1.2.840.113635.100.6.1.9] /* exists */ or
certificate 1[field.1.2.840.113635.100.6.2.6] /* exists */ and certificate
leaf[field.1.2.840.113635.100.6.1.13] /* exists */ and certificate
leaf[subject.OU] = "4AYE5J54KN")
```

35. Click Add (+) for App or Service.



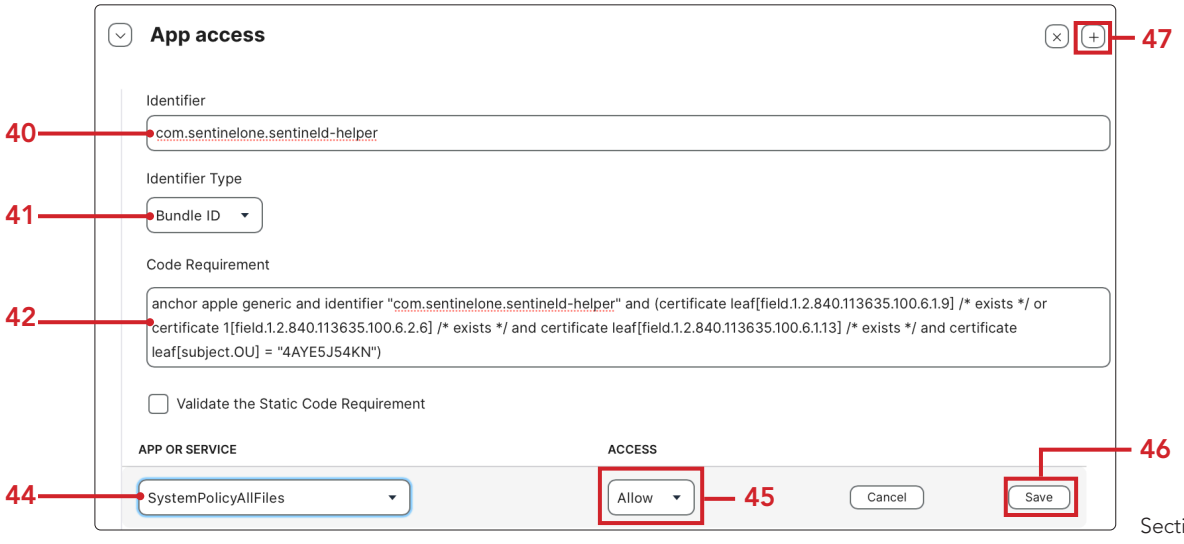
36. Select "SystemPolicyAllFiles".
37. Select "Allow".
38. Click Save.
39. Click Add (+) in the upper right corner to create a new Privacy Preferences Policy Control.




40. Enter **com.sentinelone.sentineld-helper** for Identifier
41. Select "Bundle ID" for Identifier Type
42. Code Requirement:

```
anchor apple generic and identifier "com.sentinelone.sentineld-helper"
and (certificate leaf[field.1.2.840.113635.100.6.1.9] /* exists */ or
certificate 1[field.1.2.840.113635.100.6.2.6] /* exists */ and certificate
leaf[field.1.2.840.113635.100.6.1.13] /* exists */ and certificate
leaf[subject.OU] = "4AYE5J54KN")
```

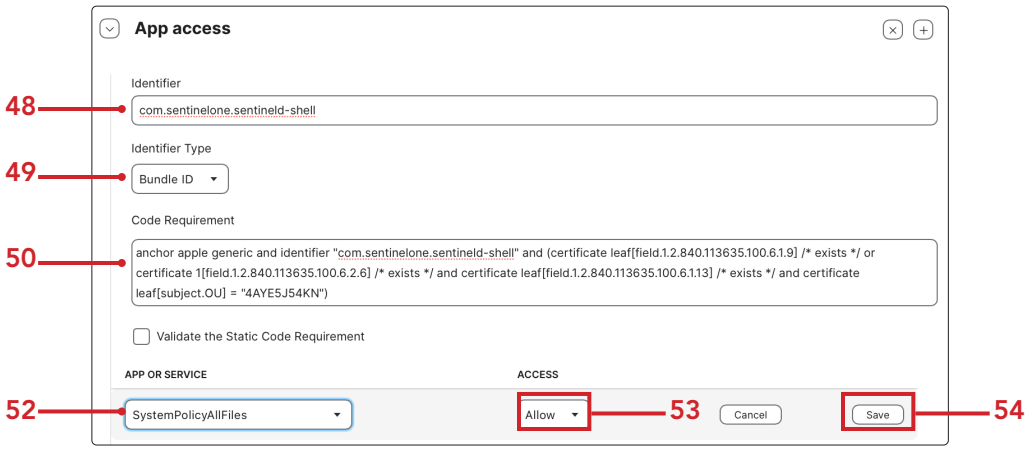
43. Click Add (+) for App or Service [Not Shown].
44. Select "SystemPolicyAllFiles".
45. Set to "Allow".
46. Click Save.
47. Click Add (+) in the upper-right corner



48. Enter **com.sentinelone.sentineld-shell** for Identifier
49. Select "Bundle ID" for Identifier Type.
50. For Code Requirement, enter:

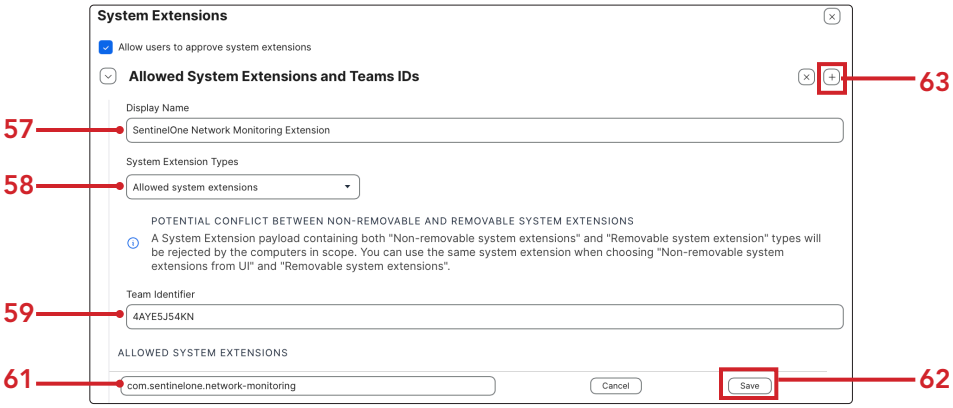
```
anchor apple generic and identifier "com.sentinelone.sentineld-shell"
and (certificate leaf[field.1.2.840.113635.100.6.1.9] /* exists */ or
certificate 1[field.1.2.840.113635.100.6.2.6] /* exists */ and certificate
leaf[field.1.2.840.113635.100.6.1.13] /* exists */ and certificate
leaf[subject.OU] = "4AYE5J54KN")
```

51. Click Add (+) for App or Service [Not Shown].
52. Select "SystemPolicyAllFiles".
53. Set to "Allow".
54. Click Save.

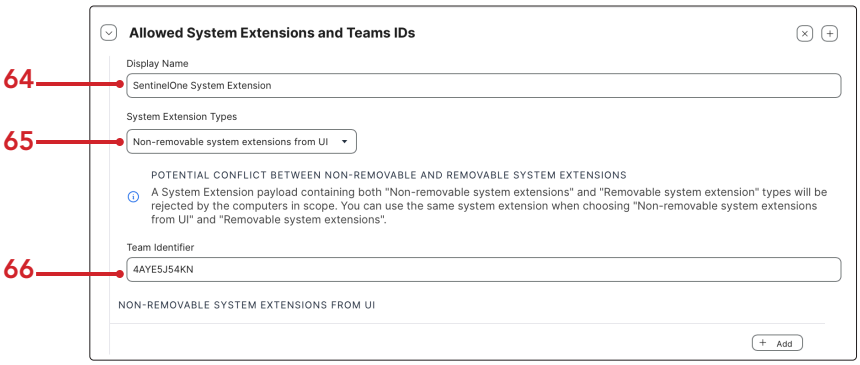



55. Scroll down and select System Extensions.
56. Click Configure

57. Enter **SentinelOne Network Monitoring Extension** for Display Name.
58. Select "Allowed system extensions" for System Extension Types.
59. Enter **4AYE5J54KN** for Team Identifier.
60. Click Add (+) for Allowed System Extensions [Not Shown].
61. Enter **com.sentinelone.network-monitoring**.
62. Click Save.
63. Click Add (+) in the upper right corner to create a allowed extension.

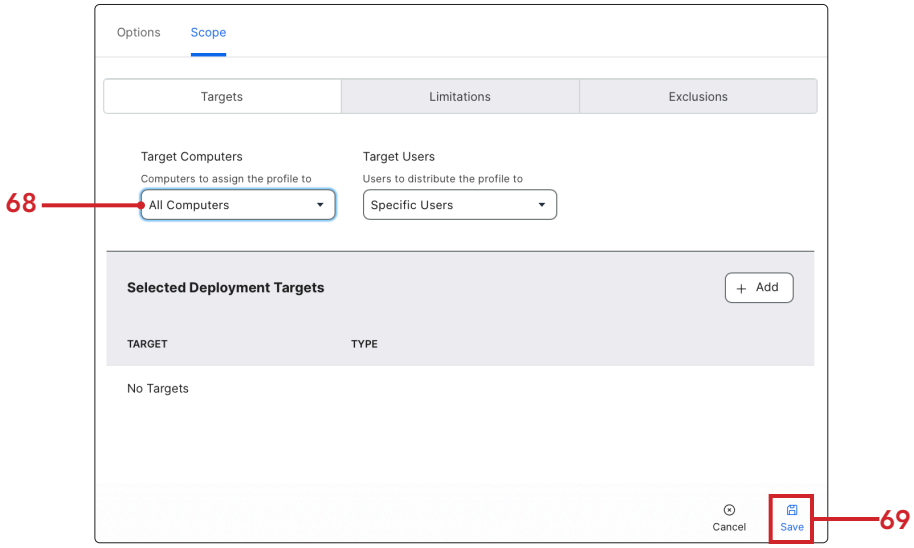



64. Enter **SentinelOne System Extension** for Display Name.
65. Select "Non-removable system extensions from UI" for System Extension Types.
66. Enter **4AYE5J54KN** for Team Identifier.




67. Click Scope.

68. Scope to your Target computers. This guide will use All Computers.
69. Click Save.




This completes this section. In the next section, we will create a policy to install the SentinelOne Mac Agent.

## Section 4: Create a Policy

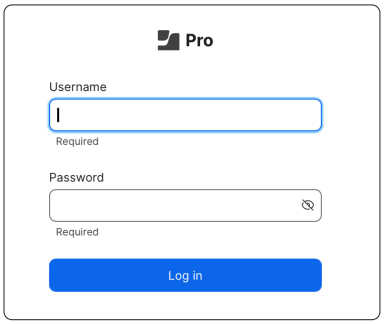
**What You'll Need**
Learn what hardware, software, and information you'll need to complete the tutorials in this guide.

**Hardware and Software**
Requirements for following along with this guide:

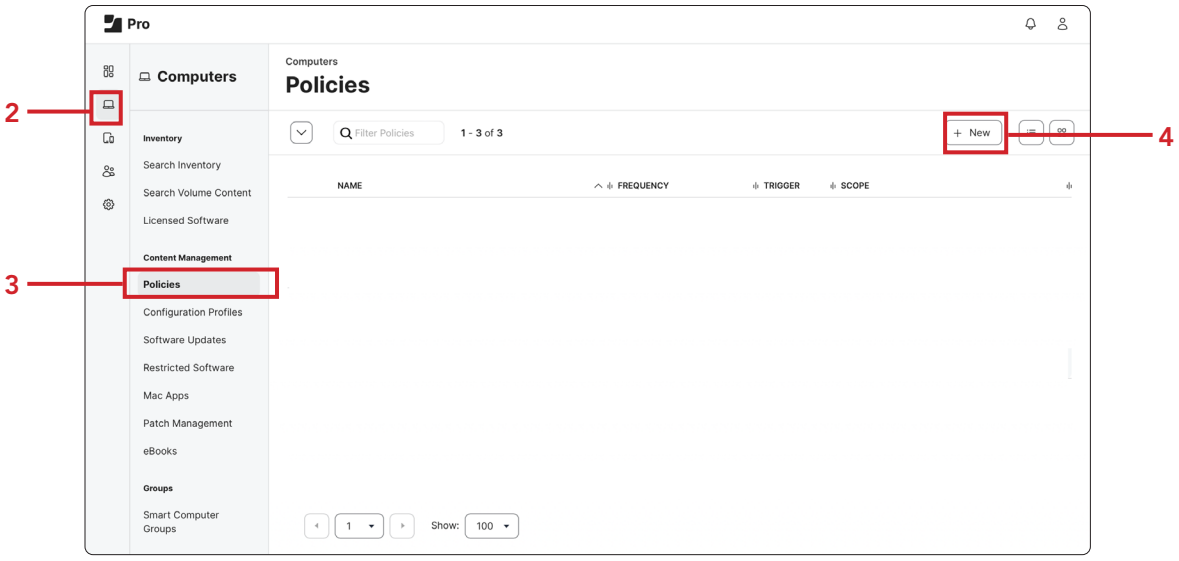
- Administrative access to your Jamf Pro server.
- A Non-Production Test Mac computer enrolled in Jamf Pro without SentinelOne installed.

In this section, we will create a policy to install SentinelOne and test our workflow to make sure it gets installed.

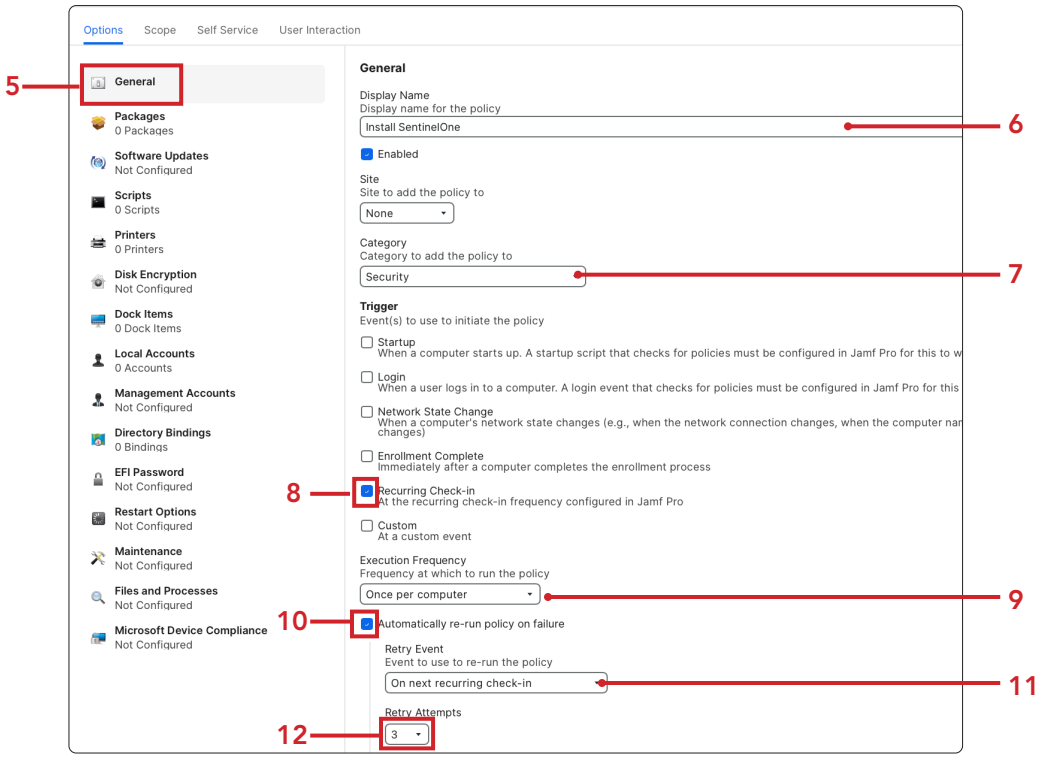
1. If necessary, Log into your Jamf Pro server with administrative privileges.



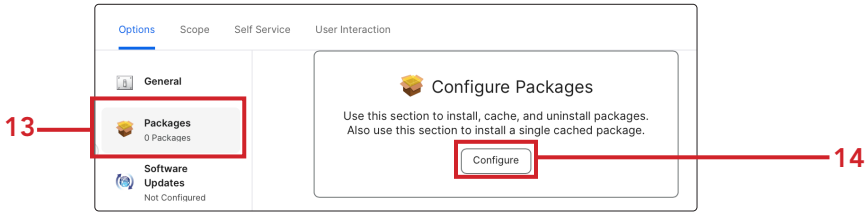

2. Click Computers.
3. Click Policies.
4. Click New.



5. Click General.
6. Enter **Install SentinelOne** for Display Name.
7. Select a category of your choosing. This guide will use Security.
8. Select "Recurring Check-in" for the Trigger.
9. Select "Once per computer" for the Execution Frequency.
10. Select the checkbox for "Automatically re-run policy on failure".
11. Select "On next recurring check-in" for Retry Event.
12. Select 3 for Retry Attempts:

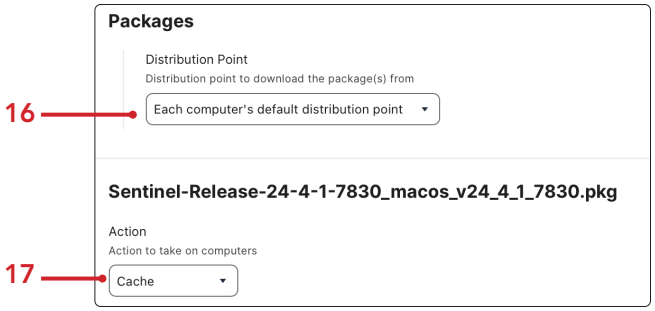



13. Click Packages
14. Click Configure



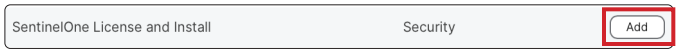

15. Click Add for your version of the SentinelOne installer package.

16. Set your distribution point. This guide will use "Each computers default distribution point".
17. Select "Cache" for Action.

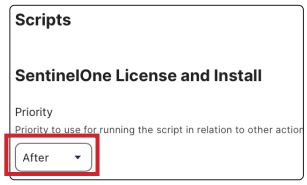



18. Click Scripts
19. Click Configure

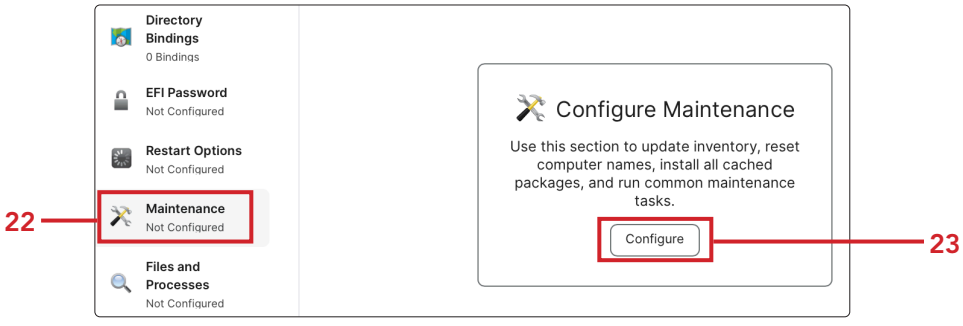

20. Click Add for SentinelOne License and Install.



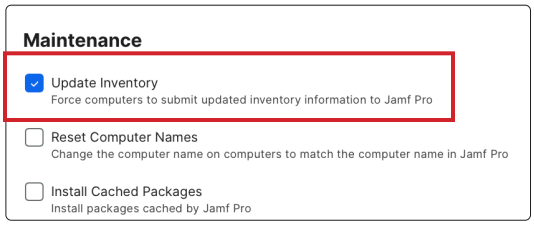

21. Select After for the Priority.



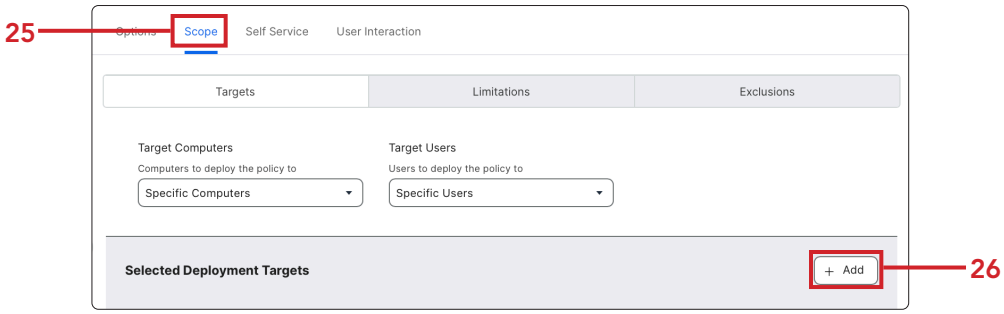

22. Click Maintenance.
23. Click Configure



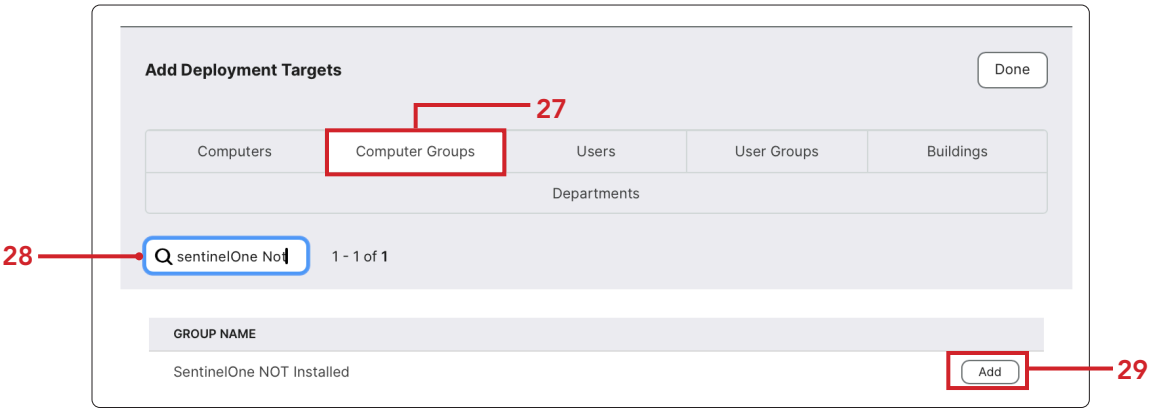
24. Confirm Update Inventory is enabled.



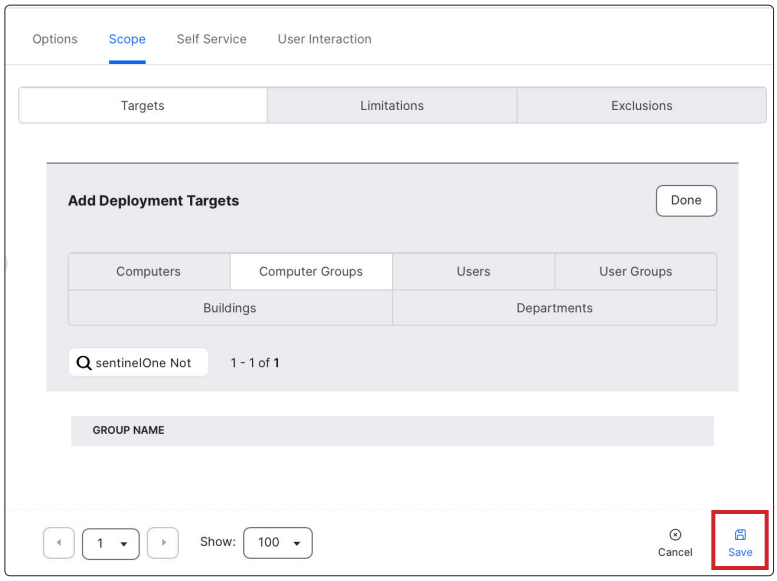

25. Click Scope.
26. Click Add.




27. Click Computer Groups.
28. Enter **sentinelOne Not** in the search field.
29. Click Add for SentinelOne NOT Installed.



30. Click Save.




Let's test our workflow. Please use a Non-production test Mac computer enrolled in Jamf Pro without SentinelOne installed.

31. Open Terminal.app located in /Applications/Utilities

Terminal.app

32. Run the following command:

```
sudo jamf policy
```

Enter your admin credentials when prompted.

If all went well, SentinelOne should be installed on your Mac computer without any user interaction.

This completes the guide.