macOS tamper protection using Jamf extension attributes

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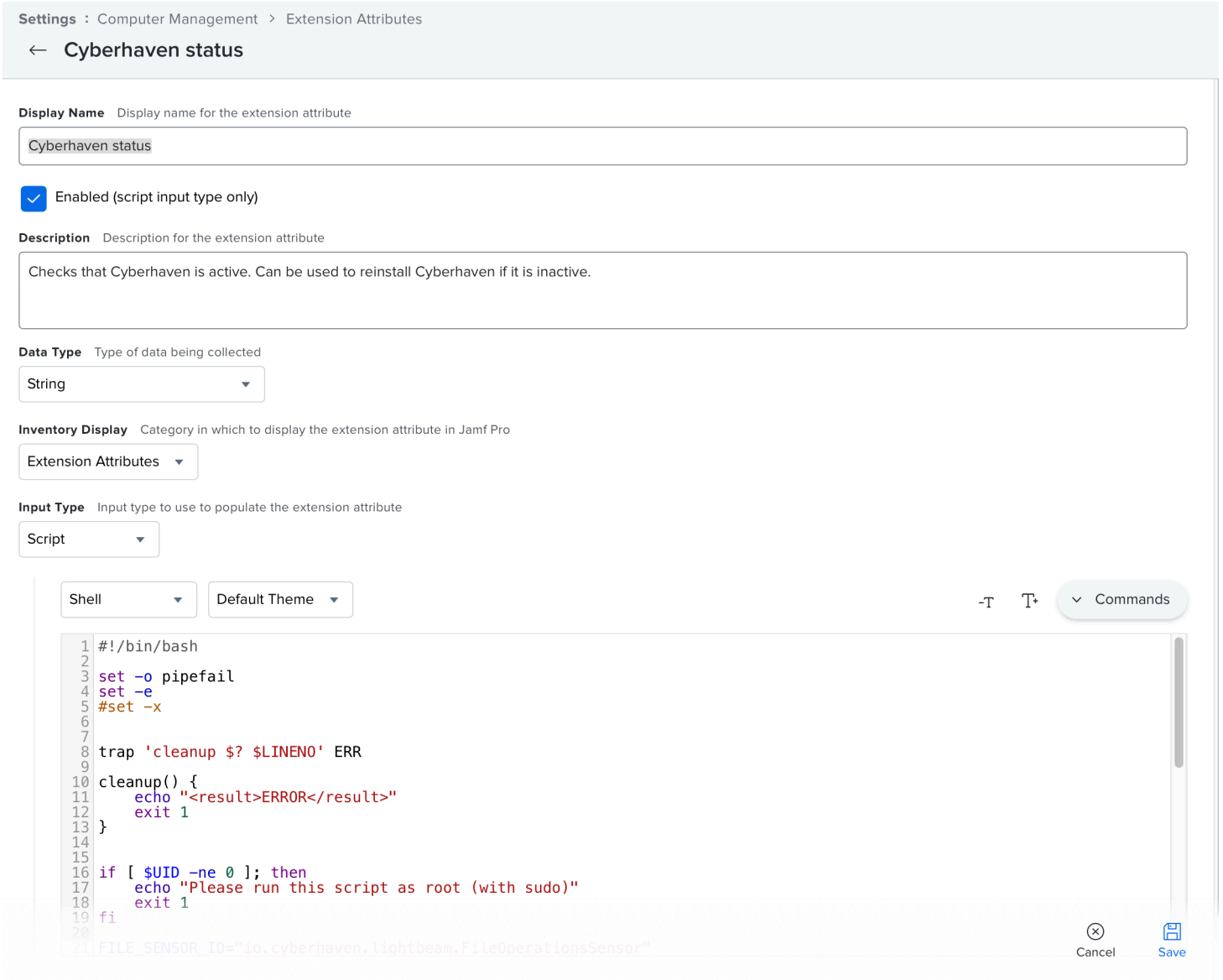
The Cyberhaven Sensor has built-in checks that are automatically reported on the Endpoints Sensors page in the Cyberhaven Console. The platform reports the status of the endpoints where the integrity self-check has failed on the Endpoint Sensors page.

The steps described in this article are optional and only required when you want to provide additional protection and automated remediation actions when the Cyberhaven macOS Sensor was tampered with. While this article is for Jamf, you could adapt it to other MDMs that provide the ability to run scripts.

1. Create an extension attribute in Jamf using the script located at `/Applications/Cyberhaven.app/Contents/Resources/status.sh` (you can obtain this script from a valid install of Cyberhaven or by downloading it from **here** script. The script will output **ERROR** if the user tampered with the installation, or **OK** otherwise.



2. Create a Smart Group and select the extension attribute "Cyberhaven status" you just created and the ERROR value as the criteria.

Computers : Policies

← Cyberhaven reinstall

Options | Scope | Self Service | User Interaction

Show in Jamf Pro Dashboard

- General
- Packages
  1 Package

General

Display Name Display name for the policy

Cyberhaven reinstall

Enabled

Category Category to add the policy to

None

Trigger

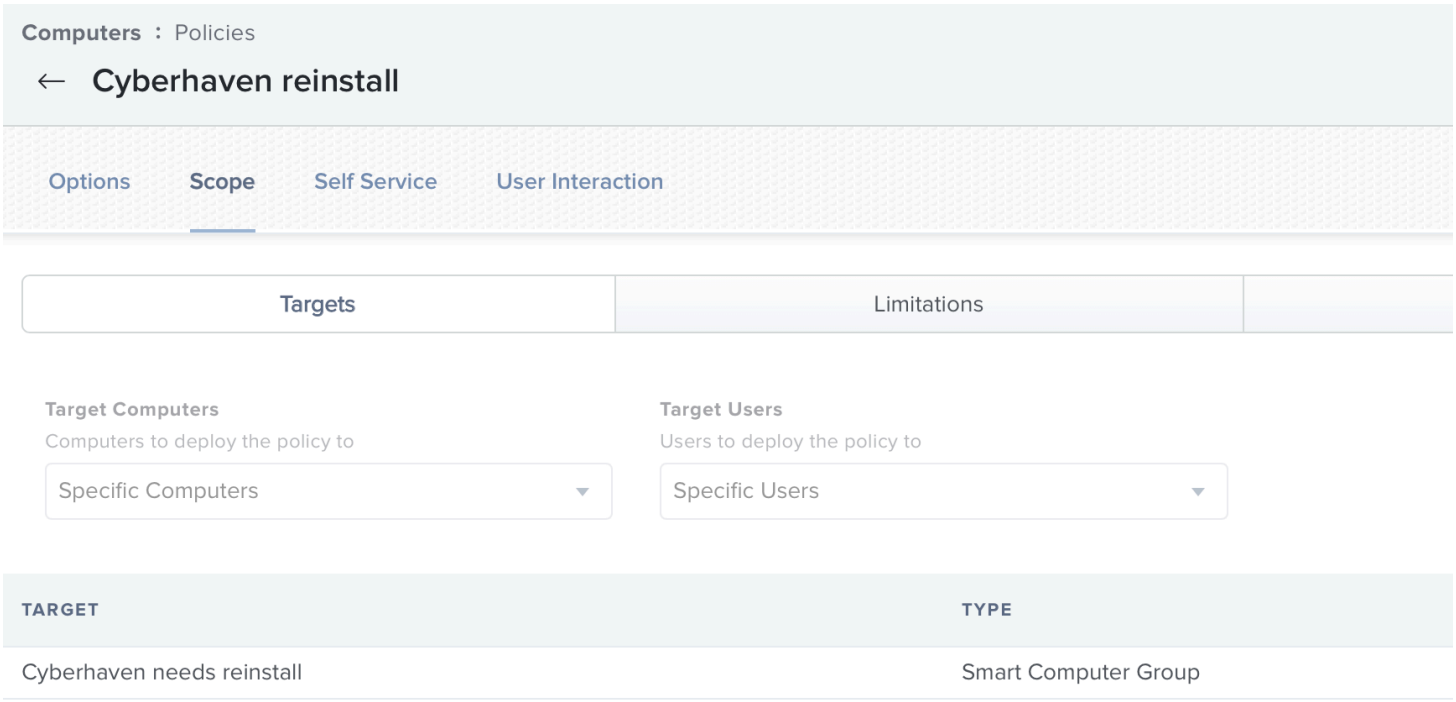
Event(s) to use to initiate the policy

- Startup
  When a computer starts up. A startup script that checks for policies must be configured in Jamf Pro for this to work
- Login
  When a user logs in to a computer. A login hook that checks for policies must be configured in Jamf Pro for this to work
- Logout
  When a user logs out of a computer. A logout hook that checks for policies must be configured in Jamf Pro for this to work
- Network State Change
  When a computer's network state changes (e.g., when the network connection changes, when the computer name changes, when the IP address changes)
- Enrollment Complete
  Immediately after a computer completes the enrollment process
- Recurring Check-in
  At the recurring check-in frequency configured in Jamf Pro
- Custom
  At a custom event

Execution Frequency Frequency at which to run the policy

Once per computer

3. Finally, select the smart group you just created in the scope.



Now Cyberhaven will automatically be reinstalled on all computers where the Cyberhaven installation was tampered with.

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Advanced Tamper Protection for Windows and...

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