



How to block the macOS Big Sur installer

- Parallels Device Management

Introduction

If your organization is **not ready to support Macs running macOS Big Sur**, you may **prevent the upgrade** of the managed Macs to Big Sur. This article provides step-by-step instructions on **how to block the installation** of macOS 11 Big Sur. Later, when ready, **you will need to remove** the blocking package to allow the upgrade to Big Sur.

Installing the macOS Big Sur Blocker

The macOS Big Sur Blocker is a system agent that monitors running processes. If the process startup path contains the string "Install macOS Big Sur.app" then the agent terminates that process.

Create a Software Package to install the macOS Big Sur Blocker

1. Download the attached [BigSurBlocker.zip](#) archive and unzip it to a dedicated folder.
2. In the SCCM Console, navigate to **\Software Library\Overview\Application Management\Packages**.
3. Choose the **Create Package** action. A wizard will open.
4. On the **Package** page, enter the Name, select the **This package contains source files** checkbox, and specify the **Source folder** path using the **Browse...** button to the folder from step 1 (above).

5. On the **Program Type** page, select the **Standard Program** type.

6. On the **Standard Program** page, enter the **Name** and **Command line**.

7. On the **Requirements** page, click **Next**.

8. On the **Summary** page, click **Next**.

9. On the **Completion** page, click **Close**.

Deploy the package

1. Select the package created in the previous step.
2. Choose the **Deploy** action. The **Deploy Software Wizard** opens.
3. On the **General** page, select a collection of Macs using the **Browse...** button.

4. On the **Content** page, add Distribution points to distribute the content to.

5. On the **Deployment Settings** page, click **Next**.

6. On the **Scheduling** page, create a new **As soon as possible** schedule using the **New...** button.

7. On the **User Experience** page, click **Next**.

8. On the **Distribution Points** page, click **Next**.

9. On the **Summary** page, click **Next**.

10. On the **Completion** page, click **Close**.

Uninstalling the macOS Big Sur Blocker

1. In the SCCM Console, navigate to \Software Library\Overview\Application Management\Packages.
2. Select the **Big Sur Blocker** package created in previous steps.
3. Switch to the **Deployments** tab in the Details pane at the bottom of the window. Remove deployment of the Install program.
4. Choose the **Create Program** action for the **Big Sur Blocker** package from the Ribbon bar or the right-click menu. The **Create Program Wizard** opens.
5. On the **Program Type** page, select the **Standard Program** type.
6. On the **Standard Program** page, enter the **Name** and **Command line**.

7. On the **Requirements** page, click **Next**.
8. On the **Summary** page, click **Next**.
9. On the **Completion** page, click **Close**.
10. Switch to the **Programs** tab in the Details pane at the bottom of the window. Select the **Uninstall** program.
11. Choose the **Deploy** action and configure the deployment the same way as for the **Install** program from the steps above.