

## Removing the macOS Big Sur upgrade advertisement

- Parallels Device Management

### Introduction

Apple actively **promotes the upgrade** to macOS Big Sur in the Software Update pane in the System Preferences **encouraging users to install it**. If you are not yet ready to support users running macOS Big Sur, you can **hide** this advertisement. This article provides step-by-step instructions on how to do this.

*Note: Users will still be able to manually install macOS Big Sur from the App Store. Please follow the separate KB article instructions to block the Big Sur installer in this case: [KB: How to block the macOS Big Sur installer](#)*

### Prerequisites

Removing the macOS Big Sur upgrade advertisement requires **user-approved MDM** enrollment. Before following the instructions below, please make sure that target Macs were enrolled in MDM using one of the following methods:

- Apple Business Manager enrollment
- Apple School Manager enrollment
- User-approved MDM enrollment

## Removing the macOS Big Sur Upgrade Advertisement

### Create a Configuration Item with Scripts for Disabling the Advertisement

1. In the SCCM Console, navigate to **\Assets and Compliance\Overview\Compliance Settings\Configuration Items**.
2. Choose the **Create Configuration Item** action.
3. On the **General** page, enter the **Name** of the configuration item, select the type of the configuration item – **Mac OS X (custom)**, and click the **Next** button.

4. On the **Supported Platforms** page, leave the **Select All** option checked, and click the **Next** button.

5. On the **Settings** page, click the **New...** button.

6. In the **Create Setting** dialog, set the **Setting type** to **Script** and the **Data type** to **String**.

7. Then click the **Edit Script...** button in the **Discovery script** section. In the **Edit Discovery Script** dialog, click **Open...** and choose the **discover.sh** file.

**NOTE:** Because of Unix line endings, the script may look unformatted in the editor. Nonetheless, the script will be saved with the correct line endings when you click **OK**.  
Click **OK** to save the discovery script and close the dialog.

8. Then click the **Add Script...** button in the **Remediation script** section.

9. In the **Edit Remediation Script** dialog click **Open...** and choose the **remediate.sh** file.

Click **OK** to save and close the dialog.

10. Select the **Compliance Rules** tab and click the **New...** button.

In the **Create Rule** dialog, choose the **Equals** rule type and **Yes** as the value.

Set the **Run the specified remediation script when this setting is noncompliant** checkbox.

Then click **OK** to save and close the dialog.

11. Click **OK** to save and close the **Create Setting** dialog.

12. Then go through the following pages of the Create Configuration Item Wizard, clicking the **Next** button:







Click the **Close** button to complete the creation of the configuration item.

## **Create a Configuration Baseline for the Configuration Item**

1. In the SCCM Console, navigate to **\Assets and Compliance\Overview\Compliance Settings\Configuration Baselines**.
2. Choose the **Create Configuration Baseline** action.
3. In the **Create Configuration Baseline** dialog:

Enter the baseline name.

Add the configuration item to the baseline using the **Add** button and then **Configuration Items** action.

Click **OK** to save and close the dialog.

## Deploy the Configuration Baseline

1. Choose the baseline created in the previous step.
2. Choose the **Deploy** action.
3. In the **Deploy Configuration Baseline** dialog:

Use the **Browse...** button to select a collection of Macs.

Use controls in the **Schedule** section to specify the compliance evaluation schedule.

**Note:** We recommend the "Run every day" schedule

Click **OK** to save and close the dialog.

## Attachments

The [discover.sh](#) and [remediate.sh](#) scripts.

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