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How to update Mac OS X to Catalina via Parallels Management for Mac

• Parallels Device Management

Information

This article describes how to upgrade to Mac OS X Catalina using the actual installer.

Procedure

Put the Install macOS Catalina.app file somewhere on the Mac in the user Home Folder (e.g. on the Desktop).

1. On the Mac with **Install macOS Catalina.app** file open **Terminal** and change directory to ../*Install macOS* Catalina.*app/Contents*:

- ♦ in Finder navigate to Install macOS Catalina.app > right-click it > Show Package Contents.
- ♦ in **Terminal** window type "cd " note the space after "d".
- drag and drop **Contents** folder from **Finder** to **Terminal** window, so the command will look like:

cd /some_path/Install\ macOS\ Catalina.app/Contents/

- ♦ hit Enter
- 2. Archive "Frameworks" folder by executing the following commands in Terminal:

```
sudo su
tar -cf Frameworks.tar.gz Frameworks
```

move the original folder and compressed file in the directory where *Install macOS* Catalina.*app* is located:

```
mv Frameworks.tar.gz ../../
mv Frameworks ../../
```

- 3. In **Finder** check that in **Install macOS Catalina.app/Contents** directory there is NO **Frameworks.tar.gz** file and **Frameworks** folder.
- 4. In **Finder** check that **Frameworks.tar.gz** file and **Frameworks** folder are both located in the same directory where **Install macOS Catalina.app** is located.
- 5. Now copy **Install macOS Catalina.app** and **Frameworks.tar.gz** file (**Frameworks** folder should **not** be copied) to the SCCM server.
- 6. If you need a working .app installer on Mac side, go back to **Terminal** and move **Frameworks** folder back to its default directory (make sure this is done after the files are copied on the server):

```
mv ../../Frameworks ./
```

- 7. On the SCCM server Create macOS Catalina package:
 - Right-click on Packages in Software Library -; Overview -; Application Management and click Create Package in opened context menu.
 - Fill in the fields. Check **This package contains source files** check box, click **Browse...** and specify the required directory. Click **Next** in the **Package** page of the wizard.
 - Choose Standard program and click Next in Program Type.
 - At the **Standard Program** page:
 - ◊ Specify Name.
 - ♦ Use the following **Command line**:

§ Set **Run mode** to **Run with administrative rights**.

Tick Allow users to view and interact with the program installation checkbox.
Click Next.

Leave other field values in the wizard as is.

8. Configure properties of the package to copy its content to distribution point:

- Right-click on the macOS Catalina package in Software Library > Overview > Application Management > Packages and click Properties in the opened context menu.
- Check Copy the content in this package to a package share on distribution points checkbox in the Data Access tab of the package properties dialog.
- Apply changes and close the dialog.
- 9. Deploy the macOS Catalina package:
 - Right-click on macOS Catalina package in Software Library > Overview > Application Management > Packages > Deploy.
 - Choose the required collection the "General" page of the wizard.
 - ♦ Add Distribution Point on the **Content** page of the wizard.
 - Add assignment schedule Assign immediately after this event: As soon as possible.
 - Leave other parameters as is.

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