



Install macOS Mojave virtual machine with Parallels Desktop

- Parallels Desktop for Mac Pro Edition
- Parallels Desktop for Mac Business Edition
- Parallels Desktop for Mac Standard Edition

Symptoms

With the release of macOS Catalina 32-bit applications are not supported anymore. If you have application(s) on Mac that display the following alert on start, they will no longer run on macOS Catalina:

Information

To check application bitness, click the **Apple** logo > **About This Mac** > **System Report...** > **Software** > **Applications** > select an application > check the **Kind** field.

Solution

Installing macOS Mojave virtual machine before upgrading to macOS Catalina

If you running Mojave do the following to install macOS Mojave VM with Parallels Desktop:

1. Open Parallels Desktop.app from the **Applications** folder and select **File > New**.
2. Scroll to the right under **Free Systems** > select **Install macOS 10.14 Using the Recovery Partition**
3. Click **Continue** and proceed with the installation.
4. After the installation is finished, login to macOS and install Parallels Tools using **Actions** menu:

5. After restarting the virtual machine to finish Parallels Tools installation, install required 32-bit apps.

Installing macOS Mojave virtual machine after upgrading to macOS Catalina

If you already upgraded to macOS Catalina do the following to install macOS Mojave virtual machine with Parallels Desktop:

1. Download macOS Mojave installation app from App Store.

Note: If you get the error message **This copy of the "Install macOS" application is too old to be opened on this version of macOS.**, click on the **Quit** button and proceed further.

2. Disable network on your Mac (unplug Ethernet cable and/or turn off WiFi).

3. Open **Terminal (Applications > Utilities > Terminal)** and execute the following command:

```
???sudo date 1030162718
```

4. Open Parallels Desktop.app from the **Applications** folder and select **File > New**.

5. In the Installation Assistant window select **Install Windows or another OS from DVD or image file**, then click **Continue**.

6. Parallels Desktop will automatically detect the downloaded image (located in /Applications).

7. Select the image > click **Continue** > Parallels Desktop will prompt to create a disk image > click **Continue**.

Once prompted save the disk image by clicking **Save** button

8. Proceed with manual macOS Mojave installation following on-screen instructions.

9. After the installation is finished, login to macOS and install Parallels Tools using **Actions** menu:

10. Restart the virtual machine to finish Parallels Tools installation then install required 32-bit apps.
