Allow Parallels Desktop system extensions on a Mac with an Intel processor

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

Since macOS® High Sierra 10.13 Apple® has introduced a new feature that requires user approval before loading newly-installed third-party kernel extensions. Third-party kernel extensions (KEXTs) that had been already present when upgrading to macOS® High Sierra are granted automatic approval.

This approval UI is only present in the Security & Privacy preferences pane for 30 minutes after the alert. Until the user approves the KEXT, future load attempts will cause the approval UI to reappear but will not trigger another user alert.

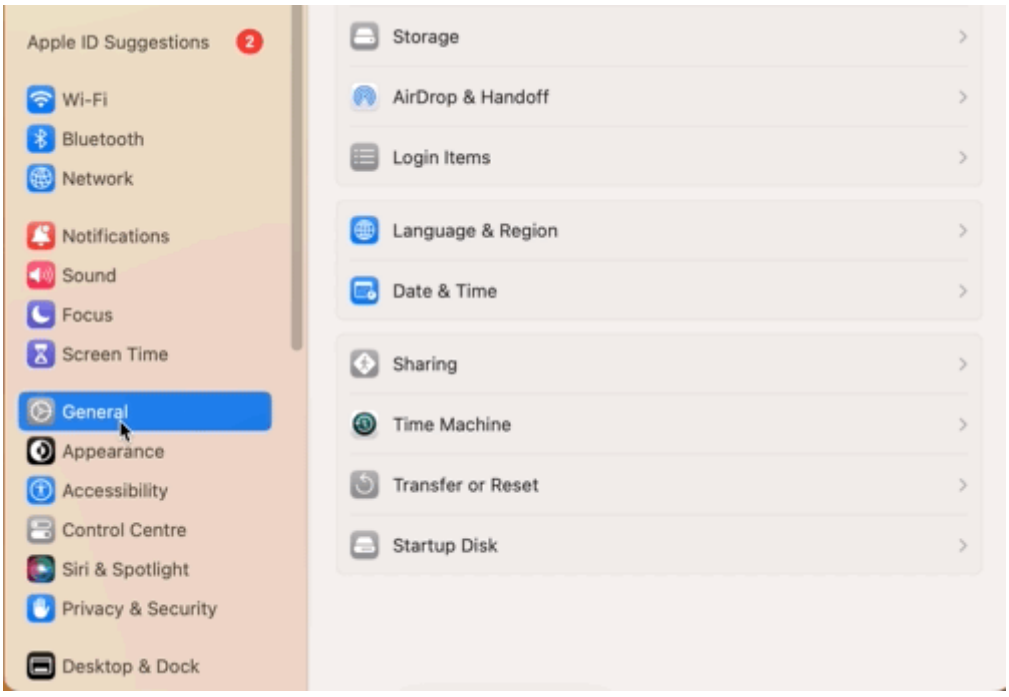
For more information, please refer to Apple®'s official tech note: Technical Note TN2459.

Moreover, it's not possible to press the **Allow** button if a connection to the Mac is established remotely due to the security-related configuration of macOS® to block any security-related actions for remote connections.

Resolution

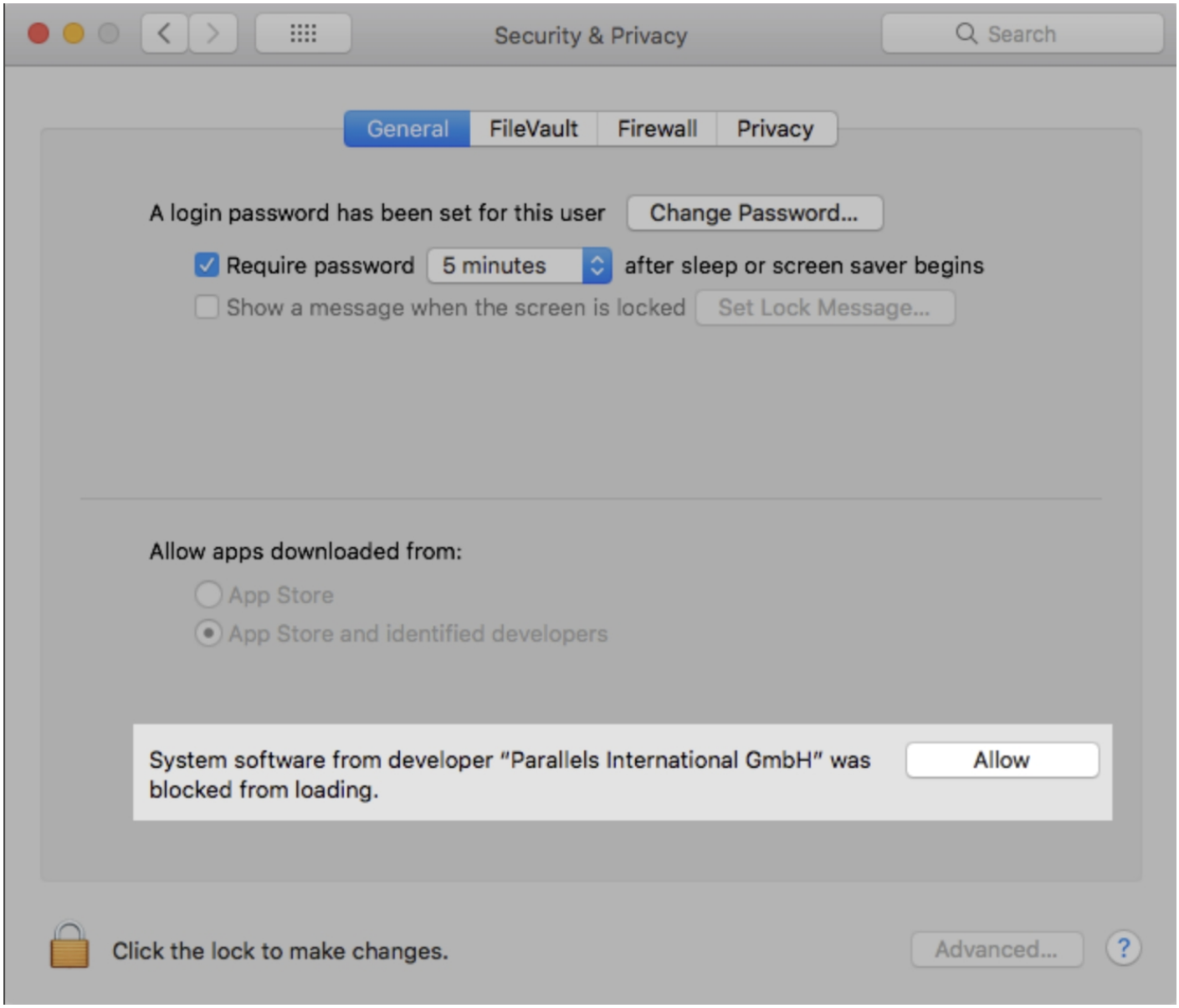
For macOS® Ventura 13.0

Click the **Apple logo** > **System Settings** > **Security & Privacy** > Scroll down > find the section "**Security**" and click **Allow** next to the corresponding message:



For macOS® Monterey 12.0 and earlier

Click the **Apple logo** > **System Preferences** > **Security & Privacy** > Scroll down > find the section "**Security**" and click **Allow** next to the corresponding message:



If it's not possible to click the **Allow** button or after clicking it nothing happens, ensure that the following recommendations are followed:

1. Allow button is pressed locally. As mentioned above, due to macOS® security limitations, it's impossible to press the Allow button (nothing will happen as a result of pressing it) remotely (any source of remote connection).
2. No third-party input methods (keyboards, mouses, touchpads, graphics tablets) and their software are present when the Allow button is pressed.
   The presence of third-party input methods and their software/drivers could possibly cause the inability to press Allow button. Temporarily disconnect such devices from the Mac and remove their software/drivers. It has been proven that only a presence of MagicPrefs preference pane renders the Allow button unusable. Once Allow button is successfully used, macOS® will store this record and it would be possible to continue using previously disconnected devices and install their software/drivers back.
3. Google Chrome® is quit and not running at the moment.

Advanced solution

If pressing **Allow** button using the mouse doesn't give any positive results, use the steps described below:

1. For macOS® 10.15 - macOS 12.0:

   Open **System Settings > Keyboard > Shortcuts** and enable **Use keyboard navigation to move focus between controls**.

2. For macOS® 10.13 and 10.14:

   Open **System Preferences > Keyboard > Shortcuts** and switch **Full Keyboard Access** to **All controls**.

3. Now open **System Settings > Security & Privacy**.

4. Scroll down to find Press **Tab** key on the keyboard until the **Allow** button is highlighted, then hit **Spacebar** on the keyboard to press **Allow** button.



5. Close System Preferences window and start Parallels Desktop.

Why Parallels Desktop needs its own kernel extensions?

To deliver all Parallels Desktop features, such as virtualization, USB and Network, Parallels Desktop loads the following kernel extensions to macOS®:

com.parallels.kext.hypervisor - a proprietary core virtualization driver, which makes Parallels Desktop the best virtualization solution for Mac®.

com.parallels.kext.vnic - Shared Network driver, which is used by a virtual router who manages all network services for a VM, such as gateway,DNS, DHCP, port forwarding, network conditioner etc.

com.parallels.kext.usbconnect - USB driver, loaded when a USB device connects to a virtual machine (VM). Supports all USB data transfer protocols except of isochronous transfer.

com.parallels.kext.netbridge - Bridged Network driver, creates a virtual network adapter on Mac to connect a VM to Mac®'s subnet directly.

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