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Boot an Intel-based macOS virtual machine in Safe mode

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

Note: this article only applies to macOS virtual machines running on Intel-based Mac computers.

To boot your macOS virtual machine in safe mode, please perform the following steps:

- 1. Make sure that the virtual machine is shut down. If it is in a suspended state, please run it and then shut down (Actions > Shut Down).
- 2. Open virtual machine <u>configuration</u> and switch to **Hardware** tab.
- 3. Highlight Boot Order from the list and expand Advanced Settings.
- 4. Copy and paste the following system flag:

devices.mac.boot_args="-x -v"

- 5. Close the configuration window and launch a virtual machine.
- 6. If system flag was used correctly, on the login screen, Safe boot would be mentioned.

7. To disable Safe mode, remove the system flag used in Step 4

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