

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 configuration 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