

CB2-101: Introduction to Linux

Malay K Basu (malay@uab.edu)

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Common troubleshooting of virtualbox installation

Mac issues

If you have never installed virtualbox on your Mac, you need to be careful about the permission issue. During installation, a request for permission will come up. If you have ignored it then you might get a “kernel” error discussed here: <https://www.howtogeek.com/658047/how-to-fix-virtualboxs-%E2%80%99Ckernel-driver-not-installed-rc-1908-error/>

If you get this error, try to reinstall virtualbox; this time be careful not to ignore the warning.

If that fails then the only way you can install virtualbox is to disable SIP before you install Virtualbox. Use the video here: <https://www.youtube.com/watch?v=IYpMtnhqZZQ>

After you disable SIP, reboot and install virtualbox as usual. If you want you can reenable SIP, then use the command `csrutil enable`.

Windows issue

You get a blank screen or an error message pops up telling that VT-X not enabled, or when you try to create a new virtual machine there is no 64 bit option.

All the above issues are because your laptop vendor (mostly Lenovo and Asus) decided, with great wisdom, to switch off virtualization feature in your laptop. You need to go into bios to enable this. Follow instructions in one of the following webpages:

- <https://superuser.com/questions/866962/why-does-virtualbox-only-have-32-bit-option-no-64-bit-option-on-windows-7>
- <https://forums.lenovo.com/t5/Lenovo-Yoga-Series-Notebooks/Virtual-machine-won-t-work-on-my-yoga-910-using-VirtualBox/td-p/3678825>
- <https://2nwiki.2n.cz/pages/viewpage.action?pageId=75202968>