

# Oracle Virtual box, Vagrant & Ubuntu setup:

## Oracle VirtualBox 6.0.X:

1. Go to

[https://www.virtualbox.org/wiki/Download\\_Old\\_Builds\\_6\\_0](https://www.virtualbox.org/wiki/Download_Old_Builds_6_0)

2. Choose your OS to download:

### VirtualBox 6.0.4 platform packages

-  [Windows hosts](#)
-  [OS X hosts](#)
- [Linux distributions](#)
-  [Solaris hosts](#)

3. Follow the installation using defaults.

## Vagrant:

1. Go to <https://www.vagrantup.com/downloads.html>
2. Choose your OS to download:



3. Follow the installation using defaults.
4. Open a CMD / Terminal and run: **vagrant -v**

**Any response other than “vagrant is not recognized” is good.**

## Rancher:

1. With git bash installation checkout git repository

```
git clone https://github.com/avielb/k8s-experts.git  
cd k8s-experts/on-premise/rancher  
vagrant up
```

\*\* This may take up to 10 minutes! Depends on the computer hardware and network connection.

2. After everything was finished successfully we can stop the environment with the command: **vagrant halt**

In case you are running into one of the below issues (VT-X error) while running vagrant up command, you will need to enable virtualization in your BIOS. This can be searched in Google under: ***Enable virtualization Windows 10***

Or follow one of the below links:

<https://www.howtogeek.com/213795/how-to-enable-intel-vt-x-in-your-computers-bios-or-uefi-firmware/amp/>

<https://support.bluestacks.com/hc/en-us/articles/115003910391-How-can-I-enable-virtualization-VT-on-my-PC->

<https://blogs.technet.microsoft.com/canitpro/2015/09/08/step-by-step-enabling-hyper-v-for-use-on-windows-10/>