**Vagrant**

* **What is vagrant?**
* **Why would I use vagrant?**
* **Where can I get vagrant?**
* **How do I get started with vagrant?**
* **All in this link** <https://opensource.com/resources/vagrant>

**How to installations vagrant**

* Always update and upgrade your machine
* Install virtualbox
* Install vagrant
* [**https://www.fosslinux.com/69145/install-vagrant-on-ubuntu.htm**](https://www.fosslinux.com/69145/install-vagrant-on-ubuntu.htm) **Ubuntu**
* [**https://phoenixnap.com/kb/how-to-install-vagrant-on-centos-7**](https://phoenixnap.com/kb/how-to-install-vagrant-on-centos-7) **centos**

**Vagrant command line are**

vagrant init - create Vagrantfile (which is ruby file)

vagrant up - bring the machine (which you have config in Vagrantfile) running

vagrant ssh - which you can ssh machine in Vagrantfile

vagrant halt - pause the machine

vagrant destroy - delete all the machine running in virtual machine

vagrant box –lists – show all the machine

vagrant suspend – pause the machine

vagrant –version – to check the version

**Getting start**

<https://opensource.com/article/21/9/test-vagrant>

**How to make machine using vagrant?**

First make a directory

* Mkdir directory name
* cd directory

inside the directory run this command

* vagrant init

you will see a file name Vagrantfile

* cat Vagrantfile

use your editor like vi, vim and nano to edit the file

* vi Vagrantfile
* edit from this sections
* Vagrant.configure("2") **do** |config|

**Shared folders**

* Vagrant maps your current folder as /vagrant within the Vagrant box. This allows you to keep your files in sync on your system and within the box. This is great for testing a Nginx website by pointing your document root to /vagrant. You can use an IDE to make changes and Nginx within the box will serve them.

**For Vagrant box**

* <https://app.vagrantup.com/boxes/search>

**Vagrant plugins list**

* <https://vagrant-lists.github.io/>

**vagrant plugins documentations**

* <https://developer.hashicorp.com/vagrant/docs>