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EXPERIMENT 1

Playing with Vagrant

Prerequisite

1. Download Ubuntu version less than 6
2. Boot Startup machine should be enabled

Steps

1. Install [Vagrant](#).
2. Do the normal setup and restart your pc
3. Open command prompt and check version by typing
`vagrant --version`

```
C:\Users\Lenovo>vagrant --version
Vagrant 2.2.10
```

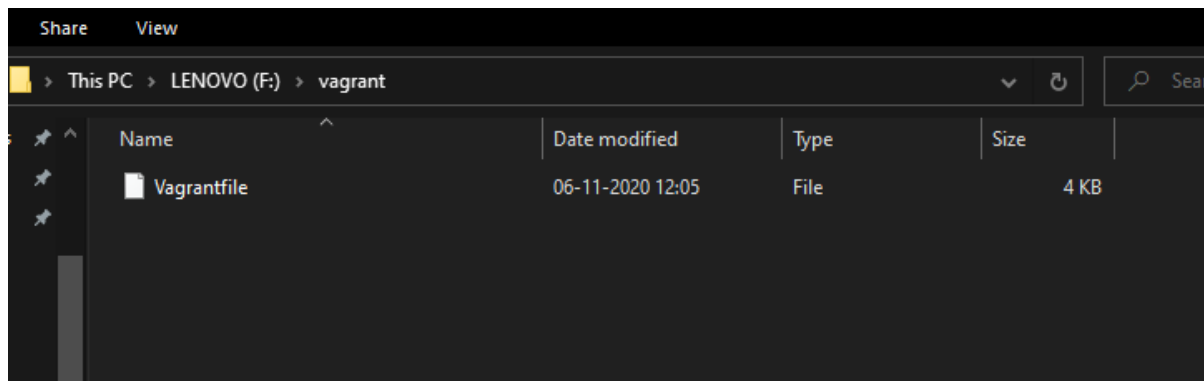
4. Now go to location where you want to store your vagrant file and type

vagrant init

```
F:\vagrant>vagrant init
==> vagrant: A new version of Vagrant is available: 2.2.11 (installed version: 2.2.10)!
==> vagrant: To upgrade visit: https://www.vagrantup.com/downloads.html

A `Vagrantfile` has been placed in this directory. You are now
ready to `vagrant up` your first virtual environment! Please read
the comments in the Vagrantfile as well as documentation on
`vagrantup.com` for more information on using Vagrant.
```

5. Go to that folder Vagrantfile will be created.



6. Now open that file and change `config.vm.box = "base"` to `config.vm.box = "ubuntu/xenial64"`

```
# Every Vagrant development environment requires a box. You can search for
# boxes at https://vagrantcloud.com/search.
config.vm.box = "ubuntu/xenial64"
```

7. Now in command prompt type

`vagrant up`

```
F:\vagrant>vagrant up
Bringing machine 'default' up with 'virtualbox' provider...
==> default: Box 'ubuntu/xenial64' could not be found. Attempting to find an
default: Box Provider: virtualbox
default: Box Version: >= 0
==> default: Loading metadata for box 'ubuntu/xenial64'
default: URL: https://vagrantcloud.com/ubuntu/xenial64
==> default: Adding box 'ubuntu/xenial64' (v20201104.0.0) for provider: virt
default: Downloading: https://vagrantcloud.com/ubuntu/boxes/xenial64/ver
Download redirected to host: cloud-images.ubuntu.com
default:
==> default: Successfully added box 'ubuntu/xenial64' (v20201104.0.0) for 'v
==> default: Importing base box 'ubuntu/xenial64'...
==> default: Matching MAC address for NAT networking...
==> default: Checking if box 'ubuntu/xenial64' version '20201104.0.0' is up
==> default: Setting the name of the VM: vagrant_default_1604644651166_99044
Vagrant is currently configured to create VirtualBox synced folders with
the `SharedFoldersEnableSymlinksCreate` option enabled. If the Vagrant
guest is not trusted, you may want to disable this option. For more
information on this option, please refer to the VirtualBox manual:
```

```
default: warning: connection reset, retrying  
default:  
default: Vagrant insecure key detected. Vagr  
default: this with a newly generated keypair  
default:  
default: Inserting generated public key with  
default: Removing insecure key from the gues  
default: Key inserted! Disconnecting and rec  
==> default: Machine booted and ready!  
==> default: Checking for guest additions in VM.  
==> default: Mounting shared folders...  
default: /vagrant => F:/vagrant
```

8. Now type

`vagrant ssh`

```
F:\vagrant>vagrant ssh  
Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 4.4.0-193-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:        https://ubuntu.com/advantage  
  
0 packages can be updated.  
0 updates are security updates.  
  
New release '18.04.5 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.
```

This will change your terminal to ubuntu xenial64.

