

Vagrant – Hands on

Hands On – creating VMs

- Open a windows command prompt and create a directory called *vms*
- Create another directory called *ex1*
- Change directory to *ex1* and run the following command
 - *vagrant box add geerlingguy/centos7*
 - *vagrant init geerlingguy/centos7*
- You can see that Vagrantfile has been created. Open and view the file
 - *vagrant up*
- Now you can check the status of the VM using the following command
 - *vagrant status*

Connecting using ssh

- Run below command to check SSH port
 - *vagrant ssh-config*

```
C:\Users\Hp\vms\ex1>vagrant ssh-config
Host default
  HostName 127.0.0.1
  User vagrant
  Port 2222
  UserKnownHostsFile /dev/null
  StrictHostKeyChecking no
  PasswordAuthentication no
  IdentityFile C:/Users/Hp/vms/ex1/.vagrant/machines/default/virtualbox/private_key
  IdentitiesOnly yes
  LogLevel FATAL
```

- Run the below command to connect to the booted VM
 - *vagrant ssh*

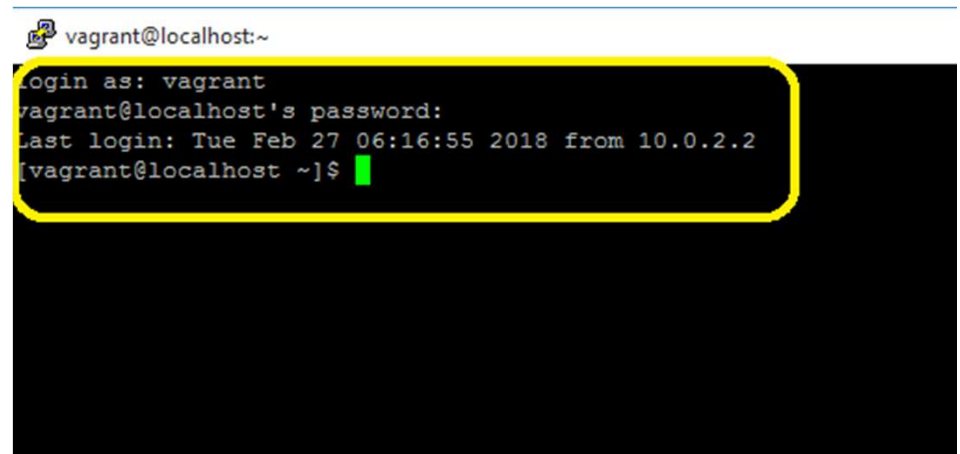
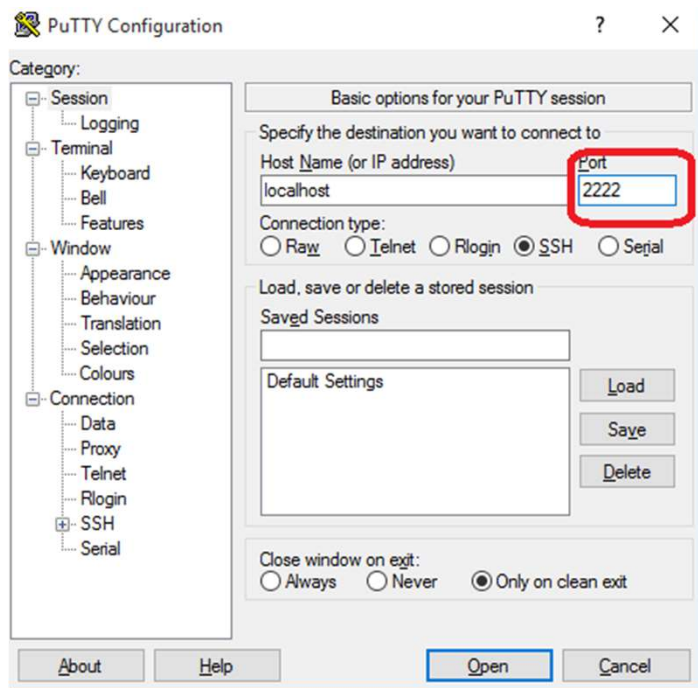
```
C:\Users\Hp\vms\ex1>vagrant ssh
Last login: Tue Feb 27 06:08:05 2018 from 10.0.2.2

];aant@localhost:~[vagrant@localhost ~]$ _
```

- You will be logged on to the machine. Type in few basic commands and check – eg *uname*
- Type *exit* to quit SSH connection

Connecting using Putty - ssh

- Now lets try connecting through Putty
- Username is vagrant
- Password is also vagrant



Shutting down the VM

- Type the following command to stop the VM
 - *vagrant halt*

```
C:\Users\Hp\vm\ex1>vagrant halt
==> default: Attempting graceful shutdown of VM...

C:\Users\Hp\vm\ex1>_
```

- Note: You can also try out the following commands
- *Vagrant list-commands*
- *Vagrant box list*
- *Vagrant destroy*