EXPERIMENT-11

Step 1: Vagrant init

Step 2: Edit vagrantfile

Step 3: Vagrant up


```
Microsoft Windows [Version 10.0.18362.1139]
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C:\Users\dell>cd Documents

C:\Users\dell\Documents>mkdir vegrant

C:\Users\dell\Documents>cd vegrant

C:\Users\dell\Documents\vegrant>Vagrant init

C:\Users\dell\Documents\vegrant>Vagrant init
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.

C:\Users\dell\Documents\vegrant>Vagrant up
Bringing machine 'default' up with 'virtualbox' provider...
==> default: Box 'ubuntu/xenial64' could not be found. Attempting to find and install...
    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' (v20201102.0.0) for provider: virtualbox
    default: Downloading: https://vagrantcloud.com/ubuntu/boxes/xenial64/versions/20201102.0.0/providers/virtualbox.box
Download redirected to host: cloud-images.ubuntu.com
    default:
==> default: Successfully added box 'ubuntu/xenial64' (v20201102.0.0) for 'virtualbox'!
==> default: Importing base box 'ubuntu/xenial64'...
==> default: Matching MAC address for NAT networking...
==> default: Checking if box 'ubuntu/xenial64' version '20201102.0.0' is up to date...
==> default: Setting the name of the VM: vegrant_default_1604386585286_73849
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:

  https://www.virtualbox.org/manual/ch04.html#sharedfolders

This option can be disabled globally with an environment variable:

  VAGRANT_DISABLE_VBOXSYMLINKCREATE=1

or on a per folder basis within the Vagrantfile:

  config.vm.synced_folder '/host/path', '/guest/path', SharedFoldersEnableSymlinksCreate: false
==> default: Clearing any previously set network interfaces...
==> default: Preparing network interfaces based on configuration...
    default: Adapter 1: nat
```
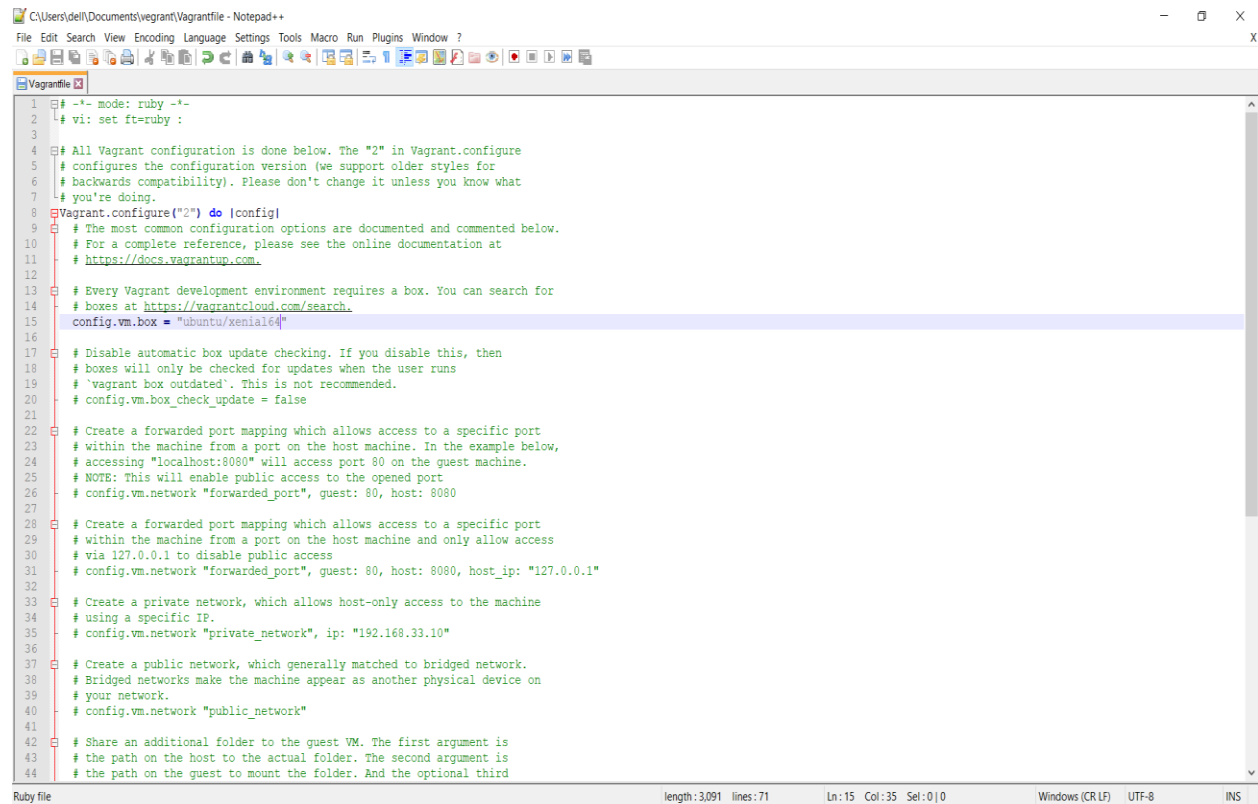
Step 4: vagrant ssh


```
    package           packages a running vagrant environment into a box
    plugin            manages plugins: install, uninstall, update, etc.
    port              displays information about guest port mappings
    powershell        connects to machine via powershell remoting
    provision         provisions the vagrant machine
    push              deploys code in this environment to a configured destination
    rdp               connects to machine via RDP
    reload            restarts vagrant machine, loads new Vagrantfile configuration
    resume            resume a suspended vagrant machine
    snapshot          manages snapshots: saving, restoring, etc.
    ssh               connects to machine via SSH
    ssh-config        outputs OpenSSH valid configuration to connect to the machine
    status            outputs status of the vagrant machine
    suspend           suspends the machine
    up                starts and provisions the vagrant environment
    upload            upload to machine via communicator
    validate          validates the Vagrantfile
    version           prints current and latest Vagrant version
    winrm             executes commands on a machine via WinRM
    winrm-config      outputs WinRM configuration to connect to the machine

For help on any individual command run `vagrant COMMAND -h`

Additional subcommands are available, but are either more advanced
or not commonly used. To see all subcommands, run the command
`vagrant list-commands`.
    --[no-]color                  Enable or disable color output
    --machine-readable            Enable machine readable output
    -v, --version                 Display Vagrant version
    --debug                       Enable debug output
    --timestamp                   Enable timestamps on log output
    --debug-timestamp             Enable debug output with timestamps
    --no-tty                      Enable non-interactive output

C:\Users\dell\Documents\vegrant>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.

vagrant@ubuntu-xenial:~$
```

Vagrant Folder:-