SSSH

```
###SSH into a remote machine###
ssh user@m ydo mai n.com
#or by ip address
ssh user@1 92.1 68.1.1
exit: exit ###Install Someth -
ing###
#If it's a new server, update
apt-get first thing
sudo apt-get update
#then you can install something
- say Git
sudo apt-get install git
###Cop y/D eploy files###
#copy all of the files in this
directory to the /home/ wil -
l/n ewapp directory
rsync -av . will@d oma -
in.com:~/newapp
#delete a file and run rsync
again, and it only copies the
one mising file
###Gen erate an SSH keypair for
passwo rdless SSH###
#on your computer
cd ~/.ssh
#you might need to make the .ssh
directory
ssh-keygen -C " my@ ema il.c -
om "
#hit enter a few times to
generate key
#copy the file contents to the
clipboard
cat id_rsa.pub | pbcopy
#log into your machine
ssh user@m ydo mai n.com
#make the .ssh directory and get
in it
mkdir .ssh
cd .ssh
#open author ize d_keys in nano
and paste the contents in
nano author ize d_keys
```

SSSH (cont)

```
> #paste contents in and save by hitting
ctrl+x
#exit and you can now ssh without a
password!
```

Vagrant

```
###Let's install Vagrant###
- _Install Virtua lBox: https: //w ww.v irtua lbo
x.org/_
- _Install Vagrant: http:/ /va gra ntu p.com/_
###Select a Vagrant Box from https: //V agr ant clo -
ud.com###
`
#add it to your list of boxes
vagrant box add hashic orp /pr ecise32
#create a new folder for your project & init vagrant
vagrant init hashic orp /pr ecise32
#run your new machine
vagrant up
#ssh into your new machine
vagrant ssh
`
_Now you are connected to a new machine!_
- hit exit to disconnect
###Let's make this feel like the real world by adding
a fake domain name###
- open the Vagran tfile and uncomment the privat e_n -
etwork line & change to your desired IP
      config.vm.ne twork " pri vat e_n etw ork ", i
p: " 22.2 2.2 2.2 2"
      - run vagrant reload
- make a fake domain for that ip
```

Vagrant (cont)

```
> - run sudo open /etc/hosts -a " S
me Text" to open your /etc/hosts file in Subli
Text
  - add this line to the end of the file and save
2.2 2.22 mytest sit e.com
_Nice! Now going to mytestsite.com will conne
our machine!_
###Let's install nginx so we can see if our "dor
ain" is working###
#always update apt-get on a new machine
sudo apt-get update
#install nginx
sudo apt-get install nginx
#start-er up
sudo service nginx start
Now, go to mytestsite.com...you should see
_Welcome to nginx!_
```