

Assignment No. 4

- **Title-**

- Find a procedure to transfer the files from one virtual machine to another virtual machine

- **Steps-**

- Download and install Oracle's Virtual Box-
<https://www.virtualbox.org/wiki/Downloads>

- Download Ubuntu VMDK Image-

<https://app.vagrantup.com/bento/boxes/ubuntu-18.04>

- Launch Virtualbox and create a new VM

- Click on new and mention the Name and the machine folder along with the Type and Version of the Machine to be created.
- Assign memory size for our VM (1024 MB sufficient for now).
- Select the option *Use an existing virtual hard disk file* and locate the downloaded VMDK image and create VM
- Now we have to create a NAT Network so go to *File -> Preferences -> Network -> Add a New NAT Network (Click on +)*
- Right click and edit the Network name and CIDR if needed.

- Repeat the process of launching the VM for 2 instances
- Now go to the setting, go to the network setting and change the adapter to NAT Network and select the NAT Network you made
- Launch the VM now
- Install the net-tools to know the IP's of the instance
- create a file and write something into it
- If your file is on the VM with IP ****172.168.2.4**** and the second VM's IP is ****172.168.2.5****.
- Transfer the file using ****SCP****
\$ scp tranfer.txt [vagrant@172.168.2.5:/home/vagrant](#)
- Check for the file in the Second VM under the ****/home/vagrant**** directory