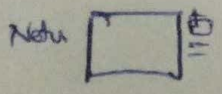
Exp: 6



255 - 254

192.168.72.4/24

IP network / host / mask

1) Create 2 VMs

2) File → Preferences → Network → NAT Networks

↓

Click on the + symbol ← A network will be created

by clicking on edit, you can rename

[CIDR → it helps to form/create a network in the VM].

Command.exe

1) Type ipconfig

↳ Can see the IPv4 address.

3) Setting → Network → Attached to: NAT Network

↓

select your n/w for sub.

4) Boot the VM

5) By default, username & psd: vagrant

6) ↳ Type ifconfig

SCP Protocol

*SCP (Secure copy) is a command-line utility that allows you to securely copy files and directories between two locations.

Syntax:

scp [option] [user@]SRC_HOST:] file1 .

[user@]DEST_HOST:]file2

=) Here, file1 =) source file

file2 =) Destination file

In VM1, =) type ping 172.168.2.5

↓

VM2 ifconfig addr

[means that VM2 is responding to VM1]

Basic Commands:

1) ls - list
2) cat - show the content inside a file
3) scp - helps to copy the file from one VM to another.
4) cd - change directory
5) mkdir - make a new directory
6) touch - it makes a new file
7) nano - it is a editor inside linux OS

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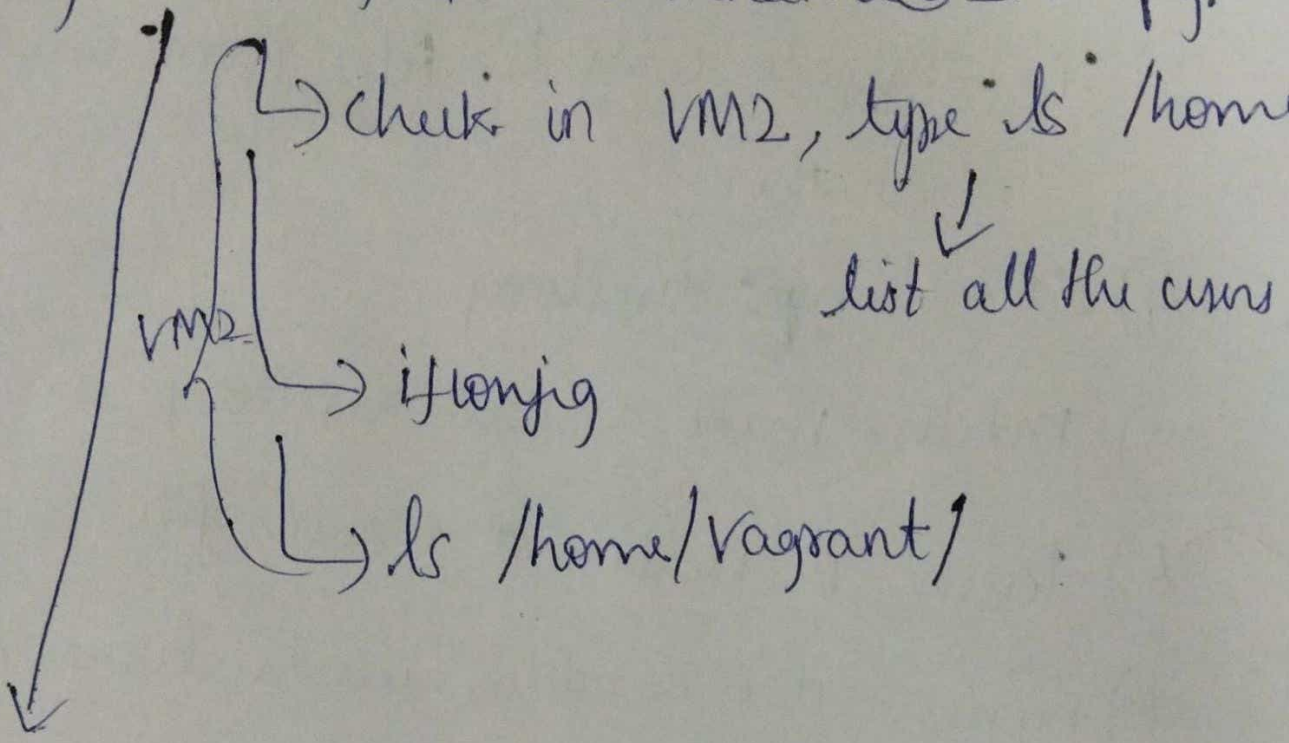
1) In VM1, type ls
2) Create file => type touch file1.txt
3) type ls
4) ~~nano~~ check in VM2, type ls
   4) type nano file1.txt
      L) type some content
      L) then press Control + X, then, y and enter.

5) type ls, in VM1

6) VM1, type cat file1.txt

↳ shows the content

7) type SCP file1.txt username@IPconfig:



SCP file1.txt VM2username@VM2ifconfig address:/home/VM2username

8) Asks the VM2's psd: ____

9) the file1.txt will get transferred.

10) In the VM2, type the ls /home/vagrant

↓

Shows the transferred file.

11) cat file1.txt in VM2. shows the content.