

R.V. COLLEGE OF ENGINEERING

OBSERVATION / DATA SHEET

Date 20/03/21 Name Durgesh Kumar

Dept./Lab MCA Class 'B' Expt./No. 05

Title DHCP server using dnsmasq

* Build DHCP server using dnsmasq with and without MAC binding with IPV4 and IPV6.

VMI

- sudo apt-get update
- sudo apt-get install dnsmasq
- sudo service network-manager stop
- sudo systemctl stop dnsmasq
- sudo nano /etc/dnsmasq.conf

- uncomment the following lines

domain-needed

bogus - priv

no-resolv

port = 53

interface = enp0s3

bind-interfaces

dhcp-range = 192.168.0.10, 192.168.0.

Executed
20/3

20, 12h

Signature of
Teacher incharge

- set Host-only adapter

- `sudo ifconfig enp0s3 192.168.0.50/24 up`

`sudo systemctl start dnsmasq`

`sudo systemctl status dnsmasq`

In VM2

① `sudo dhclient enp0s3`

② `ifconfig`