

# R.V. COLLEGE OF ENGINEERING

## OBSERVATION / DATA SHEET

Date 25/03/21 Name Durgesh Kumar

Dept./Lab MCA Class B Expt./No. 03

Title \_\_\_\_\_

\* Demonstrate Secured file transfer and computing over Wired network and Wireless network with SSH key based computing and SCP.

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VM1

Step 1: `sudo apt-get install openssh-server`

Step 2: `sudo apt-get install openssh-client`  
(set host-only adapter)

Step 3: `ssh-keygen`  
(mca)

Step 4: `scp ~/mca.pub VM2@ipaddress:~/Downloads` (goto VM2)  
192.168.0.12

Step 5: `ssh -i ~/mca.pub VM2@ipaddress`  
(192.168.0.12)

*Executed  
Proceed*

Signature of  
Teacher incharge

*Handwritten signature*  
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Step 1: `sudo apt-get install openssh-client`

Step 2: `sudo apt-get install openssh-server`

Step 3: `cd downloads`

Step 4: `ls`

Step 5: `mkdir .ssh` (In home directory)

Step 6: `cat mca.pub >> ~/.ssh/authorizedkeys` (go back VMI)

