NETWORKING & SYSTEM ADMINISTRATION LAB

Experiment No.: 7

Name: ALLEN S PHILIP

Roll No: 20

Batch: RMCA- A

Date: 04-04-2022

Aim

Understand ssh command, login into a remote system using ssh.

Procedure

1. Remotely connecting a device

The ssh command provides a secure encrypted connection between two hosts over an insecure network. This connection can also be used for terminal access, file transfers, and for tunneling other applications Syntax:

:~\$ ssh <user_name>@<machine_ip_number>

Eg: :~\$ ssh student@192.168.6.189

Then enter the user password to login in

2. <u>Creates a key pair for public key authentication</u> <u>Syntax:</u>

:~\$ ssh-keygen

-it will create a public and private key

Copying key to the remote machine

:~\$ ssh-copy-id [option] <location of the public_key>

<remote_username>@<remote_ip_address>

Eg: ssh-copy-id -i .ssh/id_rsa.pub mca@192.168.6189

-Then you need to enter password for the first time and after that the key is used to authenticate login.

Output





