SSN COLLEGE OF ENGINEERING
Department of Computer Science and Engineering
CS8711 Cloud Computing Laboratory

Assignment -4 : File Transfer between Virtual Machines

Assigned Date: 17.09.2020.   **Due Date: 08.09.2020 & 10.09.2020**

I.   Create two VMs and install **Ubuntu 16.04 server** for amd64 architecture. Name them as VM1 & VM2.

   Install **openssh-server** while installing OS.

   ]$ sudo apt-get install openssh-server

   ]$ sudo apt-get install openssh-client

II.   Ping VM1 from VM2 and vice versa.

III. Generate **ssh public and private key pairs** in VM1 & VM2 using the command]$ **ssh-keygen –t rsa**.

IV.   Exchange public keys between two VMs using **ssh-copy-id** command.

V.   File Transfer between VMs on same Host and different Hosts

   1. Transfer File / Directory from VM1 to VM2 using Secure copy command (scp).

   2. Transfer File / Directory from VM2 to VM1 using Secure copy command (scp).

   3. Receive a file / directory from VM1 to VM2 using Secure copy command (scp).

   4. Try to transfer a file from physical machine (Windows as host OS) to VM1.

   5. Try to transfer a file from VM1 to physical machine (Windows as host OS).