SSN COLLEGE OF ENGINEERING
Department of Computer Science and Engineering
CS6712 Grid and Cloud Computing Laboratory

Assignment -4 : Remote Login into a VM

Assigned Date: 07.07.2017.   **Due Date: 11.7.2017 & 14.7.2017**

I.   Create two VMs and install Ubuntu 16.06 server for amd64 architecture.
        Install openssh-server while installing OS.

II.   Remote login with password

   i.   Set network configurations and ping both VMs

   ii. **In VM1 : ssh <usernameVM2>@<IP_Address_VM2>**

   iii. It will ask password of VM2. Provide password of VM2.

   iv. Login into VM2

III.   Remote login without password

   i.   Set network configurations and ping both VMs

   ii. **Do the following in VM1:**

      a.   Create ssh-keypair using the command]$ **ssh-keygen –t rsa**

      b.   It generates id_rsa and id_rsa.pub keys.

      c.   Change permission for id_rsa.pub as 700.

      d.   Copy id_rsa.pub to authorized_keys.

      e.   Copy authorized_keys / id_rsa.pub into VM2 using the command
          ]$ **ssh-copy-id <UsernameVM2>@<IP_Address_VM2>**

      f.   Remote login into VM2 from VM1
        ]$ **ssh <usernameVM2>@<IP_Address_VM2>**
        This should not prompt you for a password. It should login into VM2.