

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.