**CMPE-272 - HomeWork 1**

* From the host machine, enable secure connection to the SSH server on a remote machine.

**$ ssh cisco@198.13.184.28**

* Verify the ansible version running on Ubuntu. If the version is lower than 2.7.x , then upgrade the version

**$ pip install ansible -U**

**$ ansible --version**

* Generate and transfer public SSH certificates to hosts managed by Ansible. In this way, Ansible can operate hosts without requiring a username and password for authentication
  + Navigate to ssh directory and generate the key

**$ cd ~/.ssh**

**$ ssh-keygen**

* + Transfer ssh public key to the hosts

**$ ssh-copy-id root@198.18.134.49**

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* Now we can access the hosts without providing a password. Verify this by SSH into CentOS1 (198.18.134.49) and CentOS2 (198.18.134.50)

**$ ssh root@198.18.134.49**

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* Open editor on ubuntu using vi or vim and create inventory file and add the hosts

**$ vim hosts**

**[centos]**

**198.18.134.49 ansible\_user=root**

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