

CMPE-272 Enterprise Software Platforms

Assignment 1

Group Name: BackBenchers

Group Members : Puja, Chidananda, Gyanesh, Shalini

Problem statement : Configure Ansible and create playbook to deploy and undeploy webserver on port 80. Display a publicly accessible webpage that displays “Hello World”

Solution:

1. Ansible was downloaded and configured on UBuntu 16.04.
2. Created file **ansible.cfg** which has the reference to the hosts file.
3. Created **hosts** file which has the details of the host where we wish to deploy the webserver.
4. Created playbook **apacheconfig.yml** which has tasks defined to create apache webserver on the suggested host and start the webserver. It also pulls the **index.html** file from the **git** repository and deploys it on the webserver.
5. Created playbook **apacheuninstall.yml** which has tasks defined to to remove the html file and uninstall the apache webserver.