

CMPE-272 Enterprise Software Platforms - Assignment 1

Group Name: BackBenchers

Group Git Repository: <https://github.com/cpati/kalpa.git>

Members:

Member Name	SJSU ID	Git Repository
Gyanesh Pandey	012506936	https://github.com/gyaneshpandey09/CMPE-272
Chidananda Pati	012506949	https://github.com/cpati/kalpa.git
Puja Kawale	012506156	https://github.com/pujakb/PKESP
Shalini Narang	012507573	https://github.com/ShaliniMNarang/EntSWPlatformms

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.