Experiment No. 11: To deploy a web application by provisioning LAMP Stack using ansible playbook.

STEP1: Clone ansible code from my github repository Ansible-master:

root@ip-172-31-18-177:~/.ssh# cd ~

root@ip-172-31-18-177:~# ls

snap

root@ip-172-31-18-177:~# mkdir ansible-lab

root@ip-172-31-18-177:~# cd ansible-lab/

root@ip-172-31-18-177:~/ansible-lab# git clone
https://github.com/sujataoak799/ansiblecodes.git

Cloning into 'ansible-codes'...

Compiled By: Prof. Sujata Oak

remote: Enumerating objects: 23, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (5/5), done.

remote: Total 23 (delta 1), reused 4 (delta 1), pack-reused 17 (from 1)

Receiving objects: 100% (23/23), 8.63 KiB | 1.73 MiB/s, done.

Resolving deltas: 100% (6/6), done.

root@ip-172-31-18-177:~/ansible-lab# ls

ansible-codes

root@ip-172-31-18-177:~/ansible-lab# cd ansible-codes/

root@ip-172-31-18-177:~/ansible-lab/ansible-codes# ls

config.php

lampstack_1.yml

mysqlmodule.yml

reset-password.php

deploywebsite.yml

login.php

readme.txt

users.sql

index.html

logout.php

register.php

welcome.php

STEP 2: Configure Ansible-Slave Machine to Host the Application

root@ip-172-31-18-177:~/ansible-lab/ansible-codes# nano lampstack_1.yml

STEP3: How to Run/Execute a playbook.

root@ip-172-31-18-177:~/ansible-lab/ansible-codes# ansible-playbook lampstack_1.yml

Ansible-slave:

root@ip-172-31-16-10:~# mysql

root@ip-172-31-16-10:~# php –version

root@ip-172-31-16-10:~# service apache2 status

Once apache service status is active. Copy IPv4 address of ansible-slave machine in browser and you can see the deployment of index.html page.