EXPT 10] Deploy a Web Application by Provisioning LAMP STACK using ANSIBLE Playbook.

SLAVE MACHINE:

root@ip-172-31-13-122:~/.ssh# **mysql**

Command 'mysql' not found, but can be installed with:

apt install mysql-client-core-8.0   # version 8.0.32-0ubuntu0.22.04.2, or

apt install mariadb-client-core-10.6 # version 1:10.6.12-0ubuntu0.22.04.1

root@ip-172-31-13-122:~/.ssh# **apache2**

Command 'apache2' not found, but can be installed with:

apt install apache2-bin

root@ip-172-31-13-122:~/.ssh# **php**

Command 'php' not found, but can be installed with:

apt install php8.1-cli # version 8.1.2-1ubuntu2.11, or

apt install php-cli   # version 2:8.1+92ubuntu1

MASTER MACHINE:

root@ip-172-31-2-252:~/.ssh# **cd ~**

root@ip-172-31-2-252:~# **mkdir ansible2**

root@ip-172-31-2-252:~# **cd ansible2/**

root@ip-172-31-2-252:~/ansible2# **git clone https://github.com/sujataoak799/ansible-codes.git**

root@ip-172-31-2-252:~/ansible2# **ls**

ansible-codes

root@ip-172-31-2-252:~/ansible2# **cd ansible-codes/**

root@ip-172-31-2-252:~/ansible2/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

root@ip-172-31-2-252:~/ansible2/ansible-codes# **nano lampstack_1.yml**

root@ip-172-31-2-252:~/ansible2/ansible-codes# **ansible-playbook lampstack_1.yml**

PLAY [client_1]
****

TASK [Gathering Facts]
****

ok: [172.31.13.122]

TASK [install lamp stack] ***

changed: [172.31.13.122]

TASK [start apache service] **

ok: [172.31.13.122]

TASK [start mysql service] ***

ok: [172.31.13.122]

TASK [create target directory] ***

ok: [172.31.13.122]

TASK [deploy index.html]
****

changed: [172.31.13.122]

PLAY RECAP

****

172.31.13.122   : ok=6   changed=2   unreachable=0   failed=0   skipped=0   rescued=0 ignored=0

SLAVE MACHINE:

root@ip-172-31-13-122:~/.ssh# **mysql**

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 8

Server version: 8.0.32-0ubuntu0.22.04.2 (Ubuntu)

root@ip-172-31-13-122:~/.ssh# **php --version**

PHP 8.1.2-1ubuntu2.11 (cli) (built: Feb 22 2023 22:56:18) (NTS)

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root@ip-172-31-13-122:~/.ssh# **service apache2 status**

● **apache2.service - The Apache HTTP Server**

   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: >

   Active: active (running) since Sat 2023-04-01 19:04:03 UTC; 1min 38s ago

GOTO BROWSER , COPY IPv6 Address of ansible_slave Machine of AWS:

Welcome to Ansible Playbook Session

Deploy a web application by provisioning LampStack