**Project Scope Statement**

The aim of the project is to use the Ansible Configuration tool to setup an environment for WordPress in a company who is working mostly on WordPress projects.  Using Ansible Configuration tool all the below components needs to be installed

1. PHP
2. Apache Web Server
3. MySQL
4. WordPress

 This will help the organization to save time while setting up WordPress with all the dependencies like PHP, MySQL etc.  Also the chances of errors while installing will be less as it is all automated and well tested scripts.

**Tools required to achieve the above goal.**

* **Ansible:**  is an open source IT automation engine that automates provisioning, configuration management, application deployment and orchestration.  Ansible is an agentless which means the nodes it manages do not require any software to be installed on them. Ansible uses SSH protocol to connect to servers and run tasks.
* **One Ansible control node:** A server running Ubuntu 20.04.2 with Ansible installed and configured.
* **One Ansible Target node:** A fresh server running Ubuntu 20.04.2

**Installation of Ansible**

1. **Ansible Installation**

* sudo apt-get update  - update the machine to install the Ansible

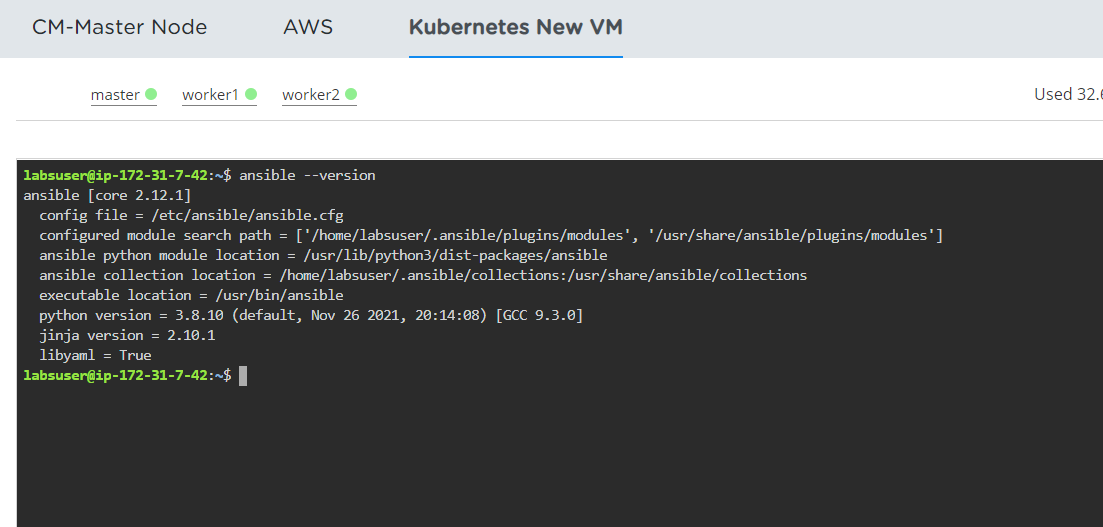
* sudo apt-get install software-properties-common - it provides some useful scripts for adding and removing PPAs.

* sudo apt-add-repository ppa: Ansible/Ansible - Add the PPA Ansible repository to your local.

* sudo apt-get update  - update the machine to install the Ansible

* sudo apt-get install Ansible  -  This command will install the Ansible.

* Ansible –version   - Verify the Ansible version



1. **Setup a DevOps User for Ansible Usage**

sudo adduser devops  - it will prompt for password . enter the password and re-confirm.

## switch useraccount

su - devops

**Setup Managed hosts**

     On node/worker node

sudo adduser devops

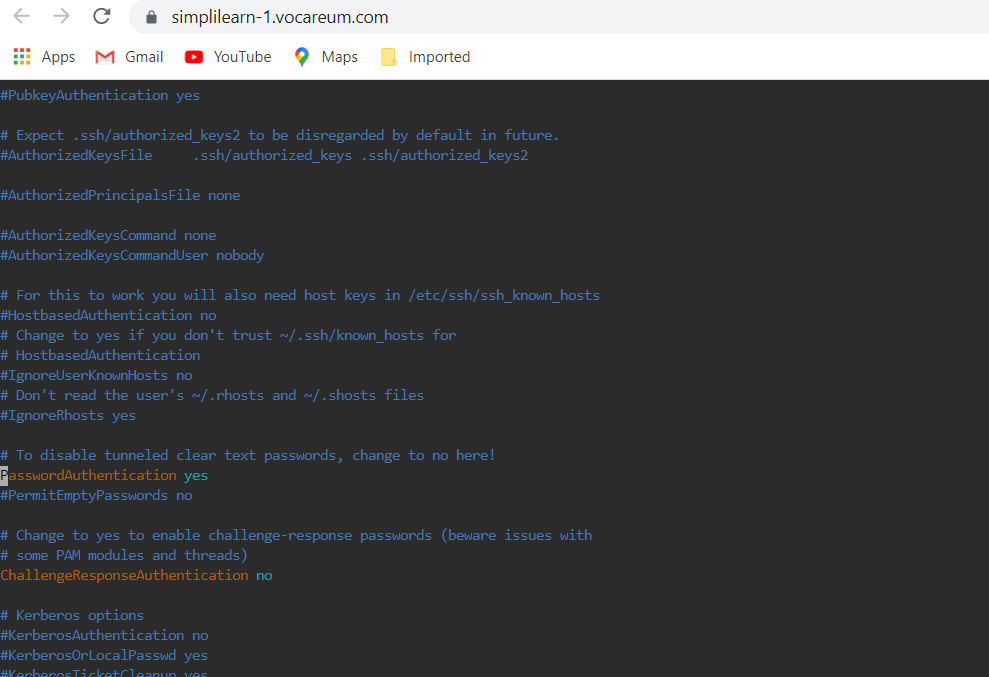
hostname –I  -      Note down the IP of the worker node/ managed node

1. **Establish SSH connection**

## Edit the file and change the line

**sudo vi /etc/ssh/sshd\_config**

PasswordAuthentication **yes**



sudo systemctl restart sshd   - restart the ssh shell on worker/managed node

Login to Master Nodes by user devops user and create and share ssh key

 ssh-keygen  - generate ssh key

 cat /home/devops/.ssh/id\_rsa.pub

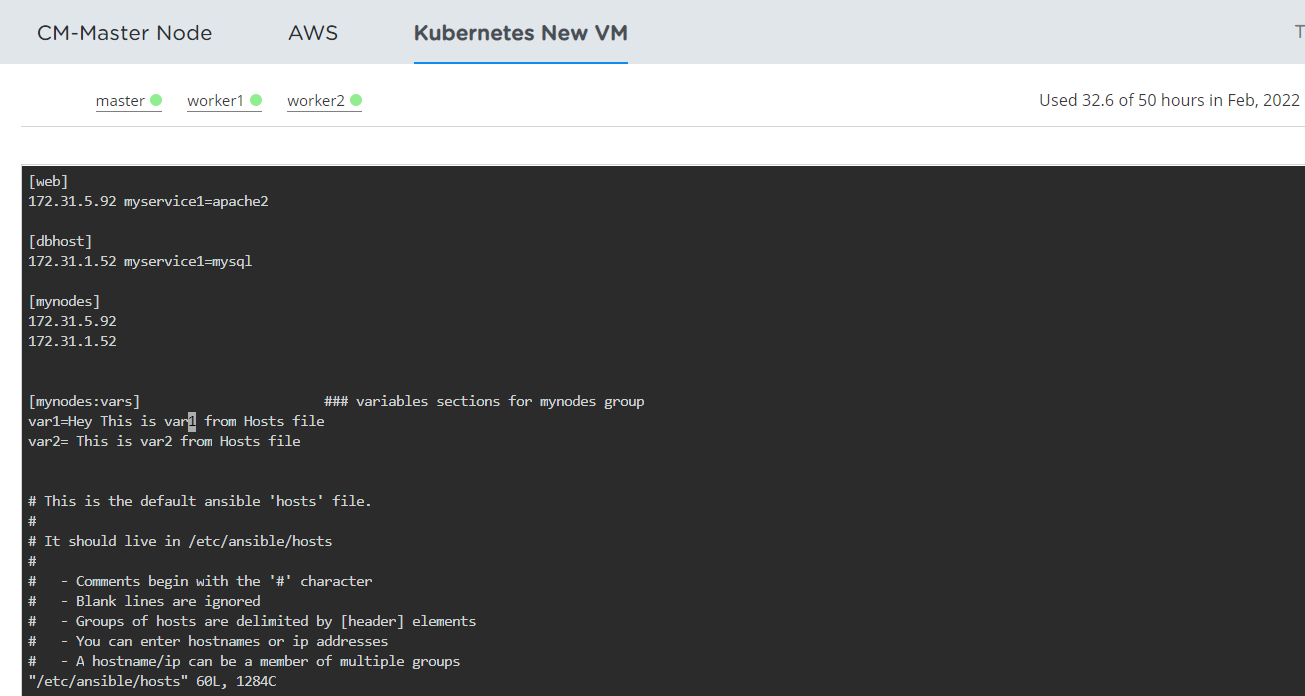
 ssh-copy-id devops@**172.31.27.16**

 ssh [devops@**172.31.27.16**](mailto:devops@172.31.27.16)

1. **Inventory Setup -** Setup an Inventory file of remote hosts to enable Ansible to communicate with them. To access the hosts file use the below command

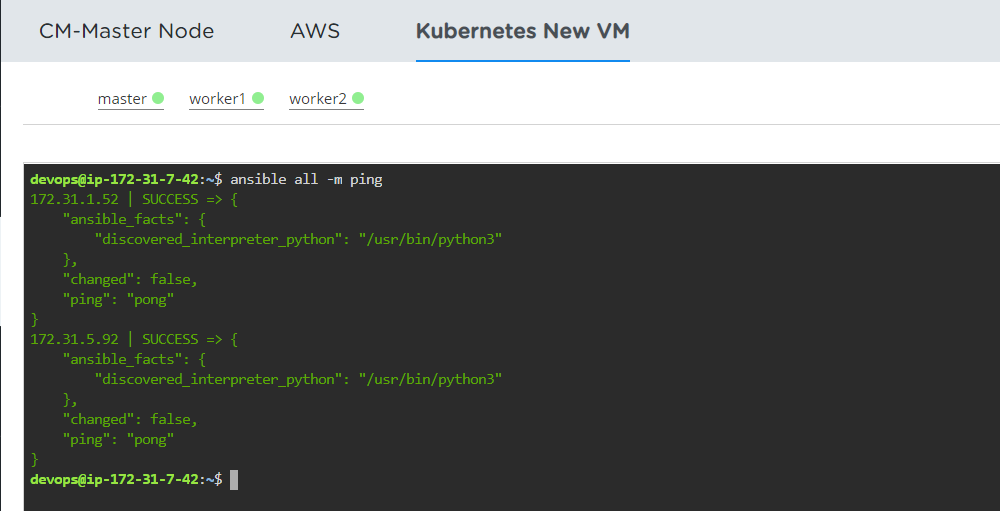
**sudo vi /etc/ansible/hosts**

Add the IP of the managed node to the host’s file of the Ansible Controller. You can create a group of hosts.

****

1. **Test your connection:** By using the PING module, test node connection on the controller machine by using the below command. If the setup is successful it will display message as shown in the screenshot.

ansible all -m ping



**Creation of Ansible Playbook**

**Step 1: Create a Directory Structure**

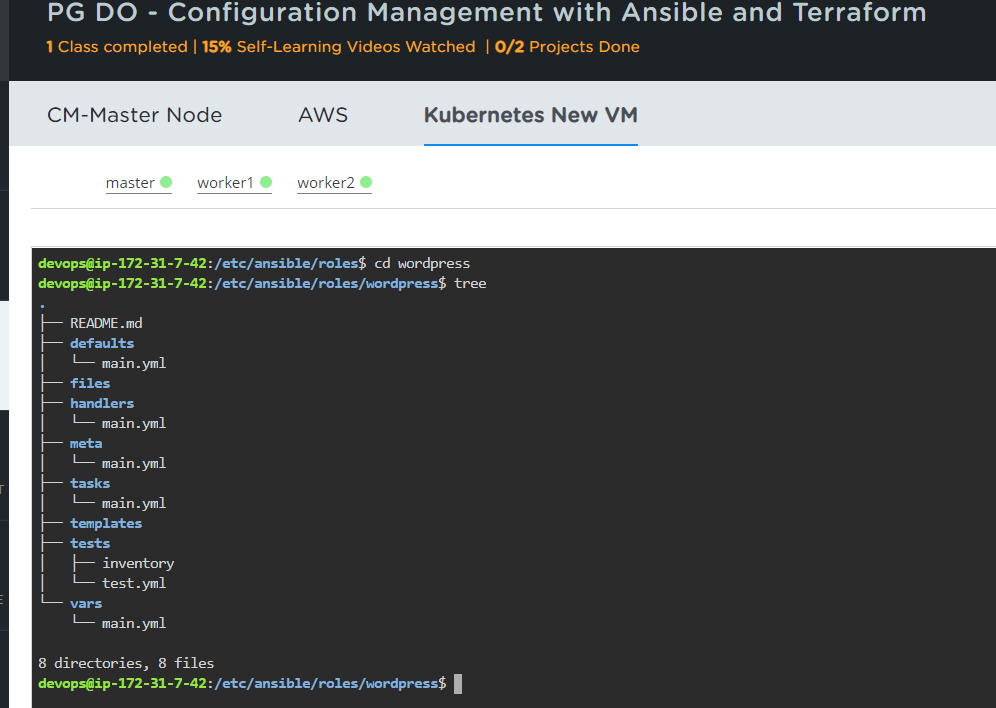
First create a directory structure for the Ansible where all the configurations will be stored.

Switch to cd /etc/ansible/roles

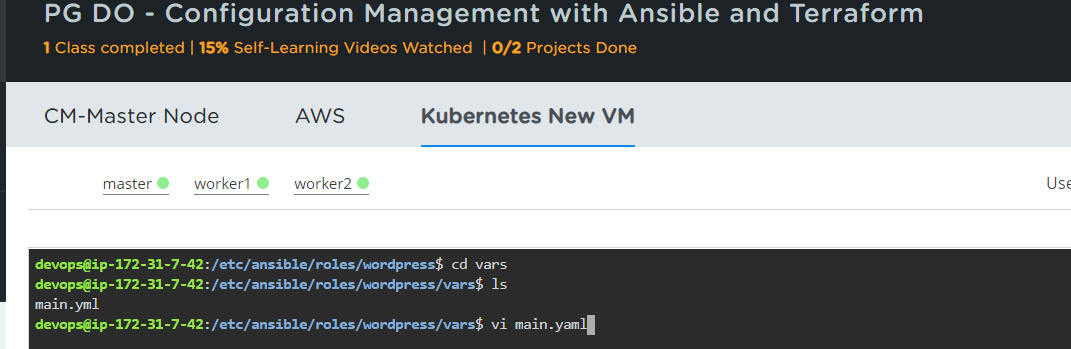
Run the below command

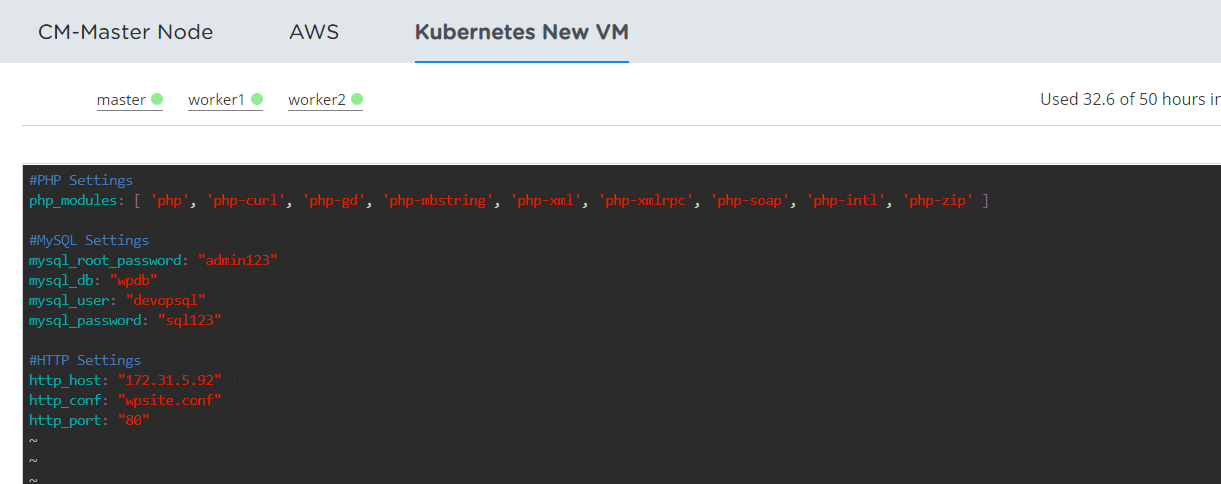
sudo ansible-galaxy init wordpress





**Step 2: Create an Ansible variable**

****

****

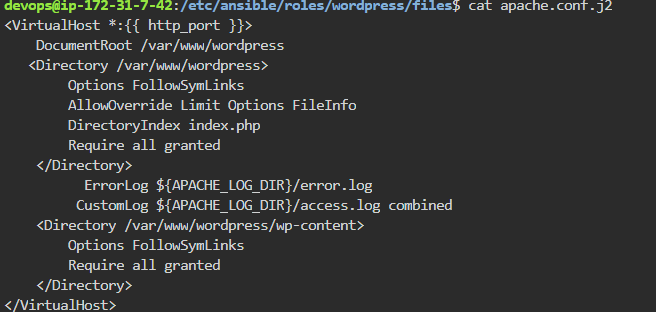
**Where:**

* **php\_modules** is the list of all PHP modules required for WordPress.
* **mysql\_root\_password** is the MySQL root password that you want to set.
* **mysql\_db** is the database name of WordPress that you want to create.
* **mysql\_user** is the database user name of WordPress that you want to create.
* **mysql\_password** is the password of the MySQL user that you want to set.
* **http\_host** is the FQDN name of your WordPress website.
* **http\_conf** is the name of the WordPress configuration file.
* **http\_port** is the port of the Apache webserver.

**Step 3: Create an Apache Virtual Host Template File**

Create a template for Apache virtual host configuration. Ansible will copy this template file to the target host.

Create the apache.conf.j2 inside the files directory.



**Step 4: Create a Playbook for Apache, PHP, MySQL and WordPress Roles**

Create a playbook for the **Apache** **role** to install and configure Apache on the Target host.  Playbook will have below tasks to perform:

* Install the Apache package.
* Start the Apache service and enable it to start at boot.
* Create an Apache web root directory.
* Copy the Apache virtual host configuration template file from the Ansible control machine to the Ansible Target host.

Create a playbook for the PHP role to install PHP and required PHP modules on the Target host. Playbook will have below tasks to perform:

* Install PHP repository.
* Reset the default PHP repository and enable the repository.
* Install PHP and required modules.

Create a playbook for MySQL role to install and configure MySQL database on the Target host. Playbook will have below tasks to perform:

* Install MySQL and other packages.
* Start the MySQL service and enable it to start at boot.
* Set the MySQL root password.
* Create a database for WordPress.
* Create a database user for WordPress.

Create a playbook for WordPress role to download and configure WordPress on the Target host. Playbook will have below tasks to perform:

* Download and extract WordPress to the Apache web root directory.
* Set ownership for WordPress.
* Set permissions for directories.
* Set permissions for files.
* Rename WordPress sample configuration file.
* Define database settings in the WordPress configuration file.
* Restart the Apache service

**Step 5: Create a Main PlayBook**

Create a main playbook in the folder wordpress. This playbook includes all roles and variables.

Create a main playbook.yml and add the below code

**---**

**- hosts:**

**- web**

**- dbhost**

**become: yes**

**roles:**

**- wordpress**

/Tasks/main.yml

---

    - name: Install prerequisites

      apt: name=aptitude update\_cache=yes state=latest force\_apt\_get=yes

      tags: [ system ]

    - name: Install LAMP Packages

      apt: name={{ item }} update\_cache=yes state=latest

      loop: [ 'apache2', 'mysql-server', 'python3-pymysql', 'php', 'php-mysql', 'libapache2-mod-php' ]

      tags: [ system ]

    - name: Install PHP Extensions

      apt: name={{ item }} update\_cache=yes state=latest

      loop: "{{ php\_modules }}"

      tags: [ system ]

    ######### Apache Configuration

    - name: Create Apache Document Root

      file:

         path: '/var/www/{{ http\_host }}'

         state: directory

         owner: apache

         group: apache

         mode: '0755'

      tags: [ apache ]

    - name: Set up Apache VirtualHost

      template:

        src: "files/apache.conf.j2"

        dest: "/etc/apache2/sites-available/{{ http\_conf }}"

      notify: Reload Apache

      tags: [ apache ]

    - name: Enable rewrite module

      shell: /usr/sbin/a2enmod rewrite

      notify: Reload Apache

      tags: [ apache ]

    - name: Enable new site

      shell: /usr/sbin/a2ensite {{ http\_conf }}

      notify: Reload Apache

      tags: [ apache ]

    - name: Disable default Apache site

      shell: /usr/sbin/a2dissite 000-default.conf

      notify: Restart Apache2 service

      tags: [ apache ]

     # MySQL Configuration

    - name: Set the root password

      mysql\_user:

        name: root

        password: "{{ mysql\_root\_password }}"

        login\_unix\_socket: /var/run/mysqld/mysqld.sock

      tags: [ mysql, mysql-root ]

    - name: Remove all anonymous user accounts

      mysql\_user:

        name: ''

        host\_all: yes

        state: absent

        login\_user: root

        login\_password: "{{ mysql\_root\_password }}"

      tags: [ mysql ]

    - name: Remove the MySQL test database

      mysql\_db:

        name: test

        state: absent

        login\_user: root

        login\_password: "{{ mysql\_root\_password }}"

      tags: [ mysql ]

    - name: Creates database for WordPress

      mysql\_db:

        name: "{{ mysql\_db }}"

        state: present

        login\_user: root

        login\_password: "{{ mysql\_root\_password }}"

      tags: [ mysql ]

    - name: Create MySQL user for WordPress

      mysql\_user:

        name: "{{ mysql\_user }}"

        password: "{{ mysql\_password }}"

        priv: "{{ mysql\_db }}.\*:ALL"

        state: present

        login\_user: root

        login\_password: "{{ mysql\_root\_password }}"

      tags: [ mysql ]

     # UFW Configuration

    - name: "UFW - Allow HTTP on port {{ http\_port }}"

      ufw:

        rule: allow

        port: "{{ http\_port }}"

        proto: tcp

      tags: [ system ]

     # WordPress Configuration

    - name: Download and unpack latest WordPress

      unarchive:

        src: https://wordpress.org/latest.tar.gz

        dest: "/var/www/{{ http\_host }}"

        remote\_src: yes

        creates: "/var/www/{{ http\_host }}/wordpress"

      tags: [ wordpress ]

    - name: Set ownership

      file:

        path: "/var/www/{{ http\_host }}"

        state: directory

        recurse: yes

        owner: www-data

        group: www-data

      tags: [ wordpress ]

    - name: Set permissions for directories

      shell: "/usr/bin/find /var/www/{{ http\_host }}/wordpress/ -type d -exec chmod 750 {} \\;"

      tags: [ wordpress ]

    - name: Set permissions for files

      shell: "/usr/bin/find /var/www/{{ http\_host }}/wordpress/ -type f -exec chmod 640 {} \\;"

      tags: [ wordpress ]

    - name: Set up wp-config

      template:

        src: "files/wp-config.php.j2"

        dest: "/var/www/{{ http\_host }}/wordpress/wp-config.php"

      tags: [ wordpress ]

/handlers/main.yml

---

     - name: "Restart Apache2 service"

       service:

          name: apache2

          state: restarted

          enabled: true

     - name: Reload Apache

       service:

          name: apache2

          state: reloaded

**/vars/main.yml**

#PHP Settings

php\_modules: [ 'php', 'php-curl', 'php-gd', 'php-mbstring', 'php-xml', 'php-xmlrpc', 'php-soap', 'php-intl', 'php-zip' ]

#MySQL Settings

mysql\_root\_password: "admin123"

mysql\_db: "wordpress"

mysql\_user: "devops"

mysql\_password: "sql123"

#HTTP Settings

app\_user: "devops"

http\_host: "172.31.5.92"

http\_conf: "wordpress.conf"

http\_port: "80"

disable\_default: tru

/files/apache.conf.j2

<VirtualHost \*:{{ http\_port }}>

    DocumentRoot /var/www/wordpress

   <Directory /var/www/wordpress>

        Options FollowSymLinks

        AllowOverride Limit Options FileInfo

        DirectoryIndex index.php

        Require all granted

    </Directory>

          ErrorLog ${APACHE\_LOG\_DIR}/error.log

         CustomLog ${APACHE\_LOG\_DIR}/access.log combined

    <Directory /var/www/wordpress/wp-content>

        Options FollowSymLinks

        Require all granted

    </Directory>

</VirtualHost>

ansible-playbook playbook.yml --check

PLAY [web,dbhost] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK [Gathering Facts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92]

ok: [172.31.1.52]

TASK [wordpress : Install prerequisites] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52]

changed: [172.31.5.92]

TASK [wordpress : Install LAMP Packages] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.1.52] => (item=apache2)

ok: [172.31.5.92] => (item=apache2)

ok: [172.31.1.52] => (item=mysql-server)

changed: [172.31.5.92] => (item=mysql-server)

changed: [172.31.1.52] => (item=python3-pymysql)

changed: [172.31.5.92] => (item=python3-pymysql)

changed: [172.31.1.52] => (item=php)

changed: [172.31.5.92] => (item=php)

changed: [172.31.1.52] => (item=php-mysql)

changed: [172.31.5.92] => (item=php-mysql)

changed: [172.31.1.52] => (item=libapache2-mod-php)

changed: [172.31.5.92] => (item=libapache2-mod-php)

TASK [wordpress : Install PHP Extensions] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52] => (item=php)

changed: [172.31.5.92] => (item=php)

changed: [172.31.5.92] => (item=php-curl)

changed: [172.31.1.52] => (item=php-curl)

changed: [172.31.1.52] => (item=php-gd)

changed: [172.31.5.92] => (item=php-gd)

changed: [172.31.5.92] => (item=php-mbstring)

changed: [172.31.1.52] => (item=php-mbstring)

changed: [172.31.1.52] => (item=php-xml)

changed: [172.31.5.92] => (item=php-xml)

changed: [172.31.1.52] => (item=php-xmlrpc)

changed: [172.31.5.92] => (item=php-xmlrpc)

changed: [172.31.1.52] => (item=php-soap)

changed: [172.31.5.92] => (item=php-soap)

changed: [172.31.1.52] => (item=php-intl)

changed: [172.31.5.92] => (item=php-intl)

changed: [172.31.1.52] => (item=php-zip)

changed: [172.31.5.92] => (item=php-zip)

TASK [wordpress : Create Apache Document Root] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[WARNING]: failed to look up user apache. Create user up to this point in real play

[WARNING]: failed to look up group apache. Create group up to this point in real play

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Set up Apache VirtualHost] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Enable rewrite module] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

skipping: [172.31.1.52]

skipping: [172.31.5.92]

TASK [wordpress : Enable new site] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

skipping: [172.31.5.92]

skipping: [172.31.1.52]

TASK [wordpress : Disable default Apache site] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

skipping: [172.31.5.92]

skipping: [172.31.1.52]

TASK [wordpress : Set the root password] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [172.31.1.52]: FAILED! => {"changed": false, "msg": "The PyMySQL (Python 2.7 and Python 3.X) or MySQL-python (Python 2.X) module is required."}

fatal: [172.31.5.92]: FAILED! => {"changed": false, "msg": "The PyMySQL (Python 2.7 and Python 3.X) or MySQL-python (Python 2.X) module is required."}

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

172.31.1.52                : ok=6    changed=5    unreachable=0    failed=1    skipped=3    rescued=0    ignored=0

172.31.5.92                : ok=6    changed=5    unreachable=0    failed=1    skipped=3    rescued=0    ignored=0

While running above play book, I got an error “**The PyMySQL (Python 2.7 and Python 3.X) or MySQL-python (Python 2.X) module is required.**”

If Python is missing please follow the below command to install Python on Ubuntu

sudo apt update

sudo apt install software-properties-common

sudo add-apt-repository ppa:deadsnakes/ppa

sudo apt update

sudo apt install python3.8

Install the pymysql on node machine

---

    - hosts:

         - web

         - dbhost

      become: yes

      tasks:

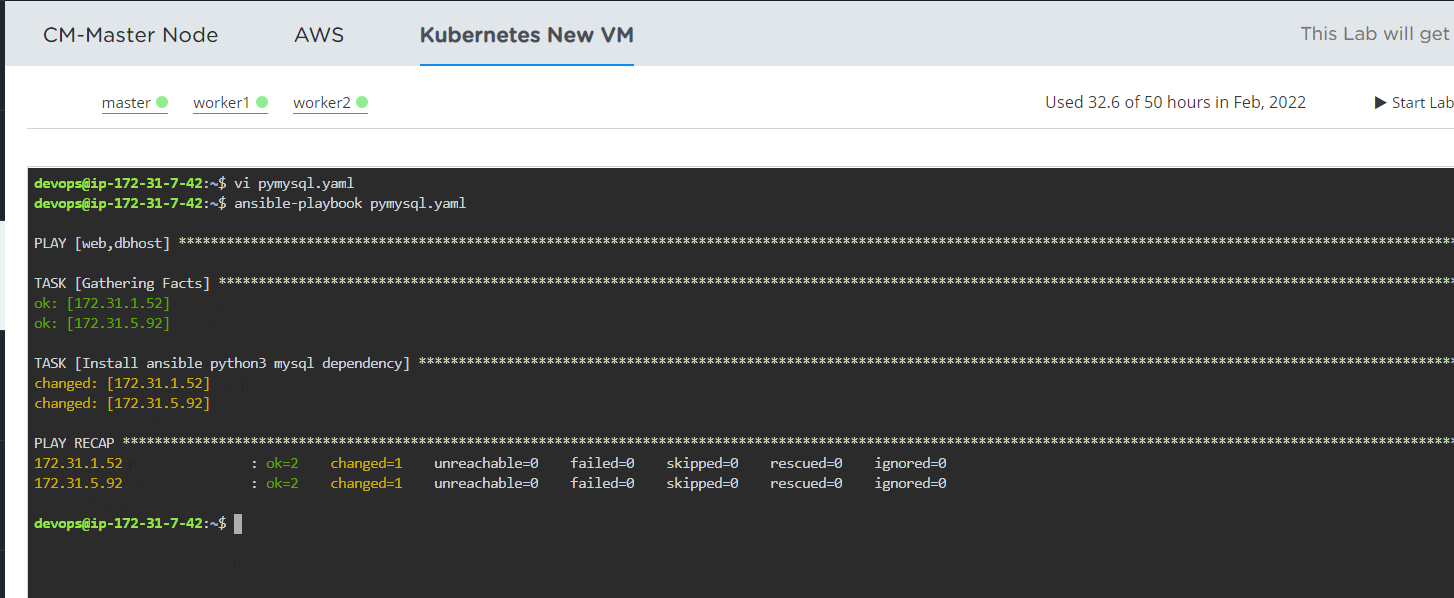
          - name: "Install ansible python3 mysql dependency"

            apt:

              name: python3-mysqldb

              state: latest

~



Run the Play Book Again

**PLAY [web,dbhost] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**TASK [Gathering Facts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**ok: [172.31.5.92]**

**ok: [172.31.1.52]**

**TASK [wordpress : Install prerequisites] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**ok: [172.31.5.92]**

**ok: [172.31.1.52]**

**TASK [wordpress : Install LAMP Packages] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**ok: [172.31.5.92] => (item=apache2)**

**ok: [172.31.1.52] => (item=apache2)**

**failed: [172.31.5.92] (item=mysql-server) => {"ansible\_loop\_var": "item", "cache\_update\_time": 1645448112, "cache\_updated": true, "changed": false, "item": "mysql-server", "msg": "'/usr/bin/apt-get -y -o \"Dpkg::Options::=--force-confdef\" -o \"Dpkg::Options::=--force-confold\"       install 'mysql-server'' failed: E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "rc": 100, "stderr": "E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "stderr\_lines": ["E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. "], "stdout": "", "stdout\_lines": []}**

**ok: [172.31.1.52] => (item=mysql-server)**

**failed: [172.31.5.92] (item=python3-pymysql) => {"ansible\_loop\_var": "item", "cache\_update\_time": 1645448114, "cache\_updated": true, "changed": false, "item": "python3-pymysql", "msg": "'/usr/bin/apt-get -y -o \"Dpkg::Options::=--force-confdef\" -o \"Dpkg::Options::=--force-confold\"       install 'python3-pymysql'' failed: E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "rc": 100, "stderr": "E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "stderr\_lines": ["E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. "], "stdout": "", "stdout\_lines": []}**

**ok: [172.31.1.52] => (item=python3-pymysql)**

**failed: [172.31.5.92] (item=php) => {"ansible\_loop\_var": "item", "cache\_update\_time": 1645448116, "cache\_updated": true, "changed": false, "item": "php", "msg": "'/usr/bin/apt-get -y -o \"Dpkg::Options::=--force-confdef\" -o \"Dpkg::Options::=--force-confold\"       install 'php'' failed: E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "rc": 100, "stderr": "E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "stderr\_lines": ["E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. "], "stdout": "", "stdout\_lines": []}**

**failed: [172.31.5.92] (item=php-mysql) => {"ansible\_loop\_var": "item", "cache\_update\_time": 1645448119, "cache\_updated": true, "changed": false, "item": "php-mysql", "msg": "'/usr/bin/apt-get -y -o \"Dpkg::Options::=--force-confdef\" -o \"Dpkg::Options::=--force-confold\"       install 'php-mysql'' failed: E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "rc": 100, "stderr": "E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "stderr\_lines": ["E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. "], "stdout": "", "stdout\_lines": []}**

**failed: [172.31.5.92] (item=libapache2-mod-php) => {"ansible\_loop\_var": "item", "cache\_update\_time": 1645448121, "cache\_updated": true, "changed": false, "item": "libapache2-mod-php", "msg": "'/usr/bin/apt-get -y -o \"Dpkg::Options::=--force-confdef\" -o \"Dpkg::Options::=--force-confold\"       install 'libapache2-mod-php'' failed: E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "rc": 100, "stderr": "E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. \n", "stderr\_lines": ["E: dpkg was interrupted, you must manually run 'sudo dpkg --configure -a' to correct the problem. "], "stdout": "", "stdout\_lines": []}**

**changed: [172.31.1.52] => (item=php)**

**changed: [172.31.1.52] => (item=php-mysql)**

**changed: [172.31.1.52] => (item=libapache2-mod-php)**

**TASK [wordpress : Install PHP Extensions] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**ok: [172.31.1.52] => (item=php)**

**changed: [172.31.1.52] => (item=php-curl)**

**changed: [172.31.1.52] => (item=php-gd)**

**changed: [172.31.1.52] => (item=php-mbstring)**

**changed: [172.31.1.52] => (item=php-xml)**

**changed: [172.31.1.52] => (item=php-xmlrpc)**

**changed: [172.31.1.52] => (item=php-soap)**

**changed: [172.31.1.52] => (item=php-intl)**

**changed: [172.31.1.52] => (item=php-zip)**

**TASK [wordpress : Create Apache Document Root] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**fatal: [172.31.1.52]: FAILED! => {"changed": false, "gid": 0, "group": "root", "mode": "0755", "msg": "chown failed: failed to look up user apache", "owner": "root", "path": "/var/www/172.31.5.92", "size": 4096, "state": "directory", "uid": 0}**

**PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**172.31.1.52                : ok=4    changed=2    unreachable=0    failed=1    skipped=0    rescued=0    ignored=0**

**172.31.5.92                : ok=2    changed=0    unreachable=0    failed=1    skipped=0    rescued=0    ignored=0**

Fix the error and Run the Playbook again

PLAY [web,dbhost] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK [Gathering Facts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.1.52]

ok: [172.31.5.92]

TASK [wordpress : Install prerequisites] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92]

ok: [172.31.1.52]

TASK [wordpress : Install LAMP Packages] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92] => (item=apache2)

ok: [172.31.1.52] => (item=apache2)

ok: [172.31.5.92] => (item=mysql-server)

ok: [172.31.1.52] => (item=mysql-server)

ok: [172.31.5.92] => (item=python3-pymysql)

ok: [172.31.1.52] => (item=python3-pymysql)

ok: [172.31.5.92] => (item=php)

ok: [172.31.1.52] => (item=php)

ok: [172.31.5.92] => (item=php-mysql)

ok: [172.31.1.52] => (item=php-mysql)

ok: [172.31.5.92] => (item=libapache2-mod-php)

ok: [172.31.1.52] => (item=libapache2-mod-php)

TASK [wordpress : Install PHP Extensions] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92] => (item=php)

ok: [172.31.1.52] => (item=php)

ok: [172.31.5.92] => (item=php-curl)

ok: [172.31.1.52] => (item=php-curl)

ok: [172.31.5.92] => (item=php-gd)

ok: [172.31.1.52] => (item=php-gd)

ok: [172.31.5.92] => (item=php-mbstring)

ok: [172.31.1.52] => (item=php-mbstring)

ok: [172.31.5.92] => (item=php-xml)

ok: [172.31.1.52] => (item=php-xml)

ok: [172.31.5.92] => (item=php-xmlrpc)

ok: [172.31.1.52] => (item=php-xmlrpc)

ok: [172.31.5.92] => (item=php-soap)

ok: [172.31.1.52] => (item=php-soap)

ok: [172.31.5.92] => (item=php-intl)

ok: [172.31.1.52] => (item=php-intl)

ok: [172.31.5.92] => (item=php-zip)

ok: [172.31.1.52] => (item=php-zip)

TASK [wordpress : Create Apache Document Root] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92]

ok: [172.31.1.52]

TASK [wordpress : Set up Apache VirtualHost] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92]

ok: [172.31.1.52]

TASK [wordpress : Enable rewrite module] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52]

changed: [172.31.5.92]

TASK [wordpress : Enable new site] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Disable default Apache site] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52]

changed: [172.31.5.92]

TASK [wordpress : Set the root password] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Remove all anonymous user accounts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.1.52]

ok: [172.31.5.92]

TASK [wordpress : Remove the MySQL test database] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [172.31.5.92]

ok: [172.31.1.52]

TASK [wordpress : Creates database for WordPress] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Create MySQL user for WordPress] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : UFW - Allow HTTP on port 80] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Download and unpack latest WordPress] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Set ownership] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

TASK [wordpress : Set permissions for directories] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52]

changed: [172.31.5.92]

TASK [wordpress : Set permissions for files] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52]

changed: [172.31.5.92]

TASK [wordpress : Set up wp-config] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

RUNNING HANDLER [wordpress : Restart Apache2 service] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.5.92]

changed: [172.31.1.52]

RUNNING HANDLER [wordpress : Reload Apache] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [172.31.1.52]

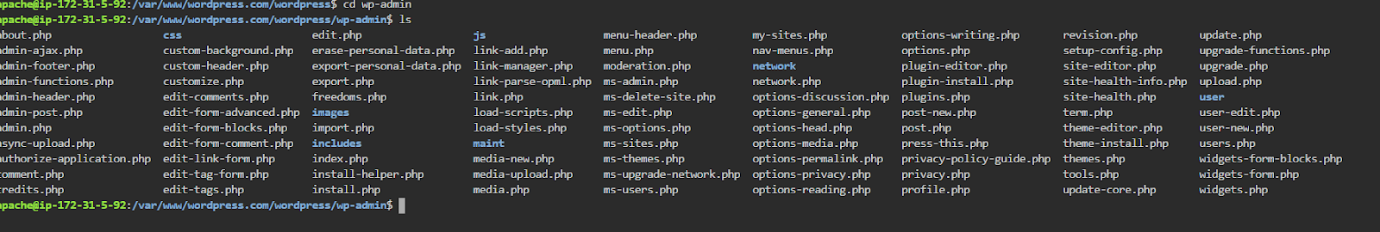
changed: [172.31.5.92]

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

172.31.1.52                : ok=22   changed=14   unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

172.31.5.92                : ok=22   changed=14   unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

Now all good to go.



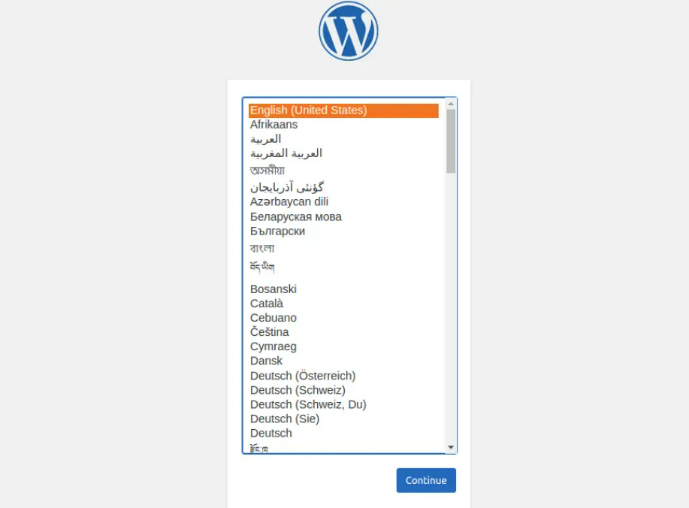
I tried to access the WordPress on managed node but I get error

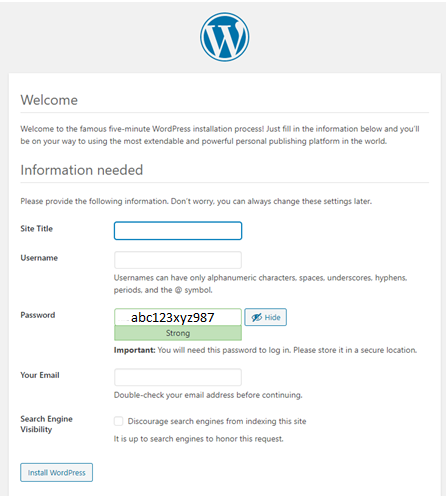
Curl: (7) Failed to connect to local host port 80: Connection refused

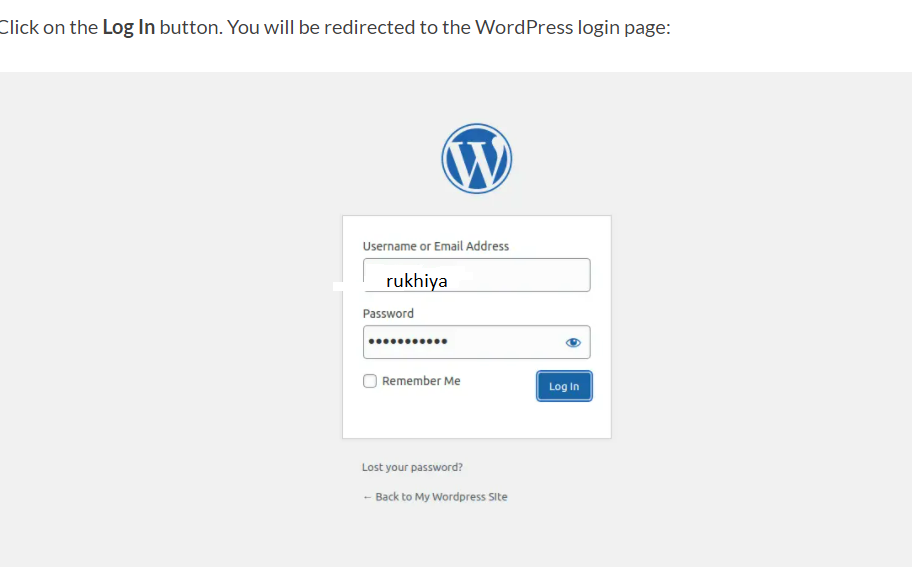
Probably it’s a firewall issue on the managed node.

So I retried everything on my personal VM machine and got it working.

**WordPress Installation**







You should see the WordPress default dashboard.

