

## LAMP stack wordpress server by Akash

### Step 1

Create a EC2 instance and install ansible using

Apt install ansible -y

Create a new folder play-ansible

Mkdir play-ansible

Goto that folder

Create a lampwp.yml playbook

Upload following code and change your-domain with domain name

- hosts: localhost

become: true

tasks:

- name: Installing packages required for wp

become: yes

apt:

name:

- apache2

- php

- libapache2-mod-php

- php-mysql

- php-curl

- php-gd

- php-mbstring

- php-xml

- php-xmlrpc

- unzip

- name: Creating document root

file:

path: "/var/www/your-domain.info"

state: directory

owner: "www-data"

group: "www-data"

mode: '0755'

- name: virtualhost

copy:

src: "config-host.conf"

dest: "/etc/apache2/sites-available/your-domain.info.conf"

- name: Enable new site

command: a2ensite your-domain.info.conf

- name: Disable default site

command: a2dissite 000-default.conf

- name: Download and unzip WordPress

unarchive:

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

dest: "/var/www/your-domain.info"

remote\_src: yes

creates: "/var/www/your-domain.info/wordpress"

- name: Set ownership

file:

path: "/var/www/your-domain.info"

state: directory

recurse: yes

owner: www-data

group: www-data

- name: Set permissions for directories

shell: find /var/www/your-domain.info/wordpress/ -type d -exec chmod 750 {} \;

- name: Set permissions for files

shell: find /var/www/your-domain.info/wordpress/ -type f -exec chmod 640 {} \;

- name: reload apache

service:

name: apache2

state: reloaded

- name: restart apache

service:

name: apache2

state: restarted

Create a new file for conf vim config-host.conf

<VirtualHost \*:80>

ServerAdmin webmaster@your-domain.info

ServerName your-domain.info

ServerAlias www.your-domain.info

DocumentRoot /var/www/your-domain.info

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

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

</VirtualHost>

Save it and just replace your-domain with domain name you have

And run the playbook using

Ansible-playbook lampwp.yml

Browse your public ip to see result of wordpress installation page