1. sudo apt update
2. sudo apt install ansible python3 pip3
3. sudo vi ~/.ssh/id\_rsa
4. sudo chmod 400 ~/.ssh/id\_rsa
5. sudo vi /etc/ansible/hosts

///////////////////hosts////////////////////

[webserver]

<IP Address> ansible\_user="ubuntu"

////////////////////////////////////////////

1. mkdir tasks
2. cd tasks
3. vi playbook.yml

//////////////////////playbook/////////////////////////////////

|  |
| --- |
| --- |
|  | - hosts: webserver |
|  | become: yes |
|  | tasks: |
|  | - name: packages |
|  | apt: |
|  | name: |
|  | - apache2 |
|  | - php |
|  | - libapache2-mod-php |
|  | - php-mysql |
|  | - php-curl |
|  | - php-gd |
|  | - php-mbstring |
|  | - php-xml |
|  | - unzip |
|  | - wget |
|  | state: present |
|  | - name: rewrite command |
|  | shell: | |
|  | a2enmod rewrite |
|  | cd /var/www/html |
|  | wget https://wordpress.org/latest.zip |
|  | unzip latest.zip |
|  | mv wordpress/\* /var/www/html/ |
|  | chown -R www-data:www-data /var/www/html |
|  | find /var/www/html -type d -exec chmod g+s {} \; |
|  | chmod g+w /var/www/html/wp-content |
|  | chmod -R g+w /var/www/html/wp-content/themes |
|  | chmod -R g+w /var/www/html/wp-content/plugins |
|  | - name: copy domain.com.conf |
|  | copy: |
|  | src: /home/ec2-user/task/domain.com.conf |
|  | dest: /etc/apache2/sites-available/ |
|  | - name: configure apachw |
|  | shell: | |
|  | a2ensite domain.com.conf |
|  | a2dissite 000-default.conf |
|  | - name: restart apache |
|  | service: |
|  | name: apache2 |
|  | state: restarted |

/////////////////////////////////////////////////////////////////////////////////////////////////

1. vi domain.com.conf

///////////domain.com.conf/////////////////////////

<VirtualHost \*:80>

ServerName domain.com

ServerAlias www.domain.com

ServerAdmin webmaster@localhost

DocumentRoot /var/www/html

</VirtualHost>

///////////////////////////////////////////////////////////

1. ansible-playbook playbook.yml --syntax-check
2. ansible-playbook playbook.yml