**Wordpress launch on ubuntu**

Install LAMP server (Linux Apache MySQL php)

Install apache2

apt install apche2 *#install apache2*

systemctl status apache2 *#check apache2 is running*

systemctl start apache2 *#start apache2 if not running*

systemctl enable apcahe2 *#to enable apache2 running on startup of server by default*

install mysql

apt install mariadb-server mariadb-client *#install mariadb server and client #database (based on mysql)*

systemctl status mariadb *#check mariadb is running*

setup database

mysql\_secure\_installation *#to configure mysql database*

*#setup root password , remove anonymous user, disallow #root login, remove test #database and reload privilege tables*

mysql -u root -p *#login into mysql to create database and user*

->create database wordpressdb;

->create user “dbadmin”@”%” identified by “dbadminpass”;

->grant all privileges on wordpressdb to “dbadmin”@”%”;

Install php

apt install php php-mysql php-gd php-cli php-common *#install php with plugins*

download and install wordpress

apt install wget unzip *#install wget(downloading soft) and unzip(to extract a zip file)*

wget <https://wordpress.org/latest.zip> *#download wordpress latest file*

unzip latest.zip *#unzip latest.zip file*

cp wordpress/\* /var/www/html/ *#copy all files from wordpress folder to apache default directory to #open the website when the public IP of instance is open on web #browser*.

chown www-data:www-data -R /var/www/html/ *#change the ownership of files from root to www-#data*

open the link (public IP) <http://18.223.186.213/>

now setup the wordpress with above given database credentials

database: wordpressdb

username: dbadmin

password: dbadminpass

then install wordpress and start the website.

login\_host: 'localhost'

login\_user: 'root'

login\_password: ''

tasks:

- name: Upgrade amazonec2

action: yum name=amazon-linux-extras state=present

- name: Enable amazon-extras

shell: "amazon-linux-extras enable {{item}}"

with\_items:

- php7.4

mariadb-server

command: "yum install mysql-devel python-devel MySQL-python "

roles:

- amz

- apache

- mariadb

- py

- php

- mysql

- wordpress

php\_modules: [ 'php', 'php-mysql', 'php-gd', 'php-cli', 'php-common' ]

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