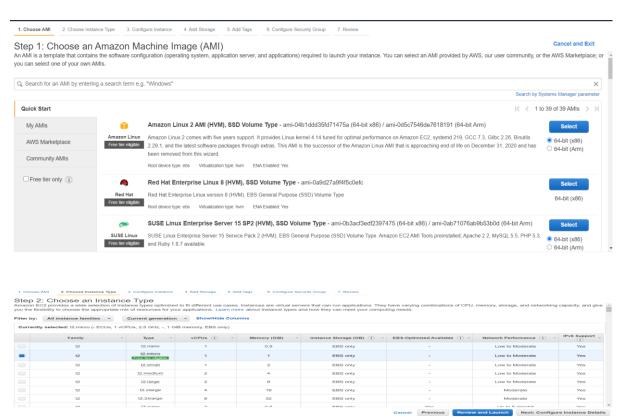
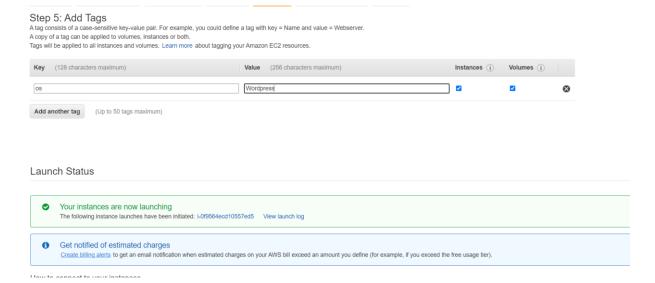
ARTH Task -18

 Deploying wordpress on AWS using RDS service

step 1:

create an ec2 instance





Our instance launched and running.

Step 2:

Configuring webserver in the launched instance



```
[root@ip-172-31-36-189 ~]# cd /var/www/html
[root@ip-172-31-36-189 html]# systemctl start httpd
[root@ip-172-31-36-189 html]# systemctl status httpd

● httpd.service - The Apache HTTP Server

Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)

Active: active (running) since Sat 2021-01-23 16:24:08 UTC; 8s ago

Docs: man:httpd.service(8)

Main PID: 3794 (httpd)

Status: "Processing requests..."

CGroup: /system.slice/httpd.service

—3794 /usr/sbin/httpd -DFOREGROUND
—3795 /usr/sbin/httpd -DFOREGROUND
—3796 /usr/sbin/httpd -DFOREGROUND
—3796 /usr/sbin/httpd -DFOREGROUND
—3799 /usr/sbin/httpd -DFOREGROUND
—3799 /usr/sbin/httpd -DFOREGROUND

3799 /usr/sbin/httpd -DFOREGROUND

3790 /usr/sbin/httpd -DFOREGROUND

3790 /usr/sbin/httpd -DFOREGROUND

3790 /usr/sbin/httpd -DFOREGRO
```

Step 3:

Download Wordpress PHP application

```
[root@ip-172-31-36-189 html]# amazon-linux-extras install php7.4
```

```
[root@ip-172-31-36-189 html]# amazon-linux-extras install php7.4
Installing php-pdo, php-fpm, php-mysqlnd, php-cli, php-json
Loaded plugins: extras suggestions, languacks, priorities, update-motd
Cleaning repos: amzn2-core amzn2extra-docker amzn2extra-epel amzn2extra-php7.4 epel
23 metadata files removed
8 sqlite files removed
0 metadata files removed
1 3.7 kB 00:00:00
amzn2extra-docker
2 3.0 kB 00:00:00
amzn2extra-docker
3 3.0 kB 00:00:00
amzn2extra-epel
3 3.0 kB 00:00:00
amzn2extra-epel
3 3.0 kB 00:00:00
amzn2extra-eph7.4
9 0.0 kB 00:00:00
epel/x86_64/metalink
epel
(1/12): amzn2-core/2/x86_64/group_gz
(2/12): amzn2-core/2/x86_64/group_gz
(3/12): amzn2extra-eph2/x86_64/groun_gx
(3/12): amzn2extra-php7.4/2/x86_64/pdateinfo
(3/12): amzn2extra-php7.4/2/x86_64/pdateinfo
(5/12): amzn2extra-php7.4/2/x86_64/updateinfo
(6/12): amzn2extra-docker/2/x86_64/updateinfo
(6/12): amzn2extra-docker/2/x86_64/updateinfo
(6/12): amzn2extra-docker/2/x86_64/updateinfo
(6/12): amzn2extra-docker/2/x86_64/updateinfo
(6/12): amzn2extra-docker/2/x86_64/updateinfo
(7/12): amzn2extra-docker/
```

```
[root@ip-172-31-36-189 html]# curl https://wordpress.org/latest.tar.gz --output wordpress.tar.gz
```

```
[root@ip-172-31-36-189 html]# curl https://wordpress.org/latest.tar.gz --output wordpress.tar.gz

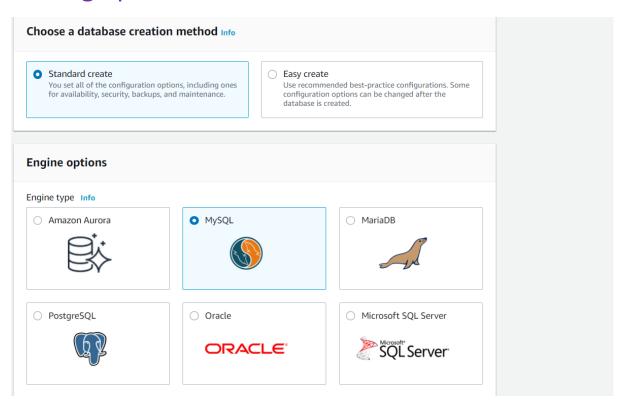
% Total % Received % Xferd Average Speed Time Time Current
Dload Upload Total Spent Left Speed

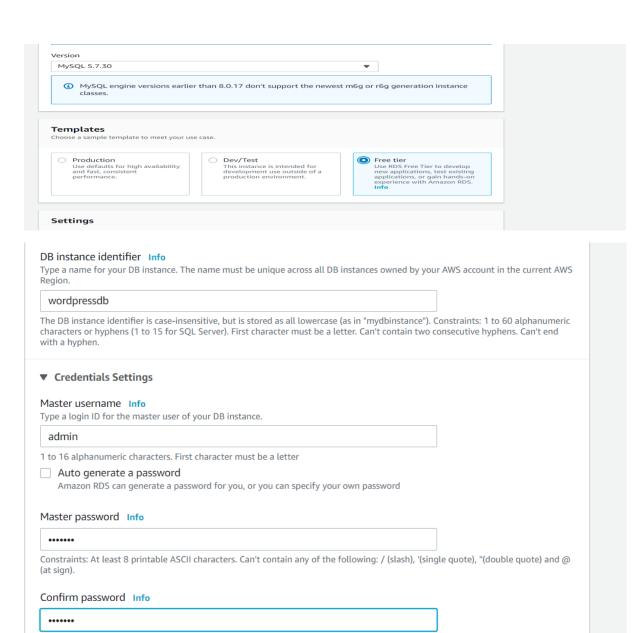
100 14.7M 100 14.7M 0 0 3680k 0 0:00:04 0:00:04 --:--:- 3680k

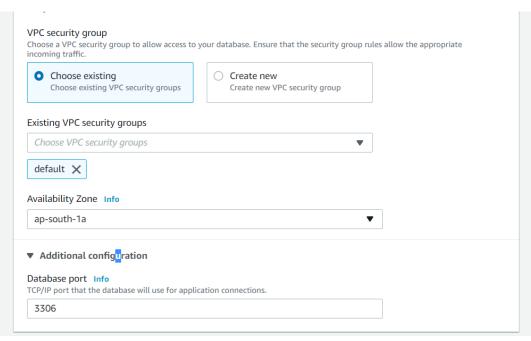
[root@ip-172-31-36-189 html]# tar xf wordpress.tar.gz
```

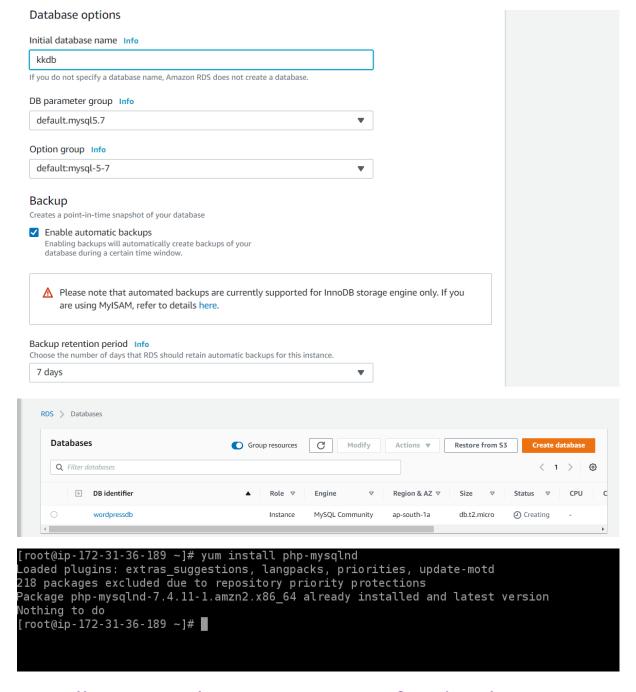
Step 4:

Setting up database In aws









Installing Mysql in ec2 instance for database access

```
[root@ip-172-31-36-189 ~]# yum install mysql -y∎
```

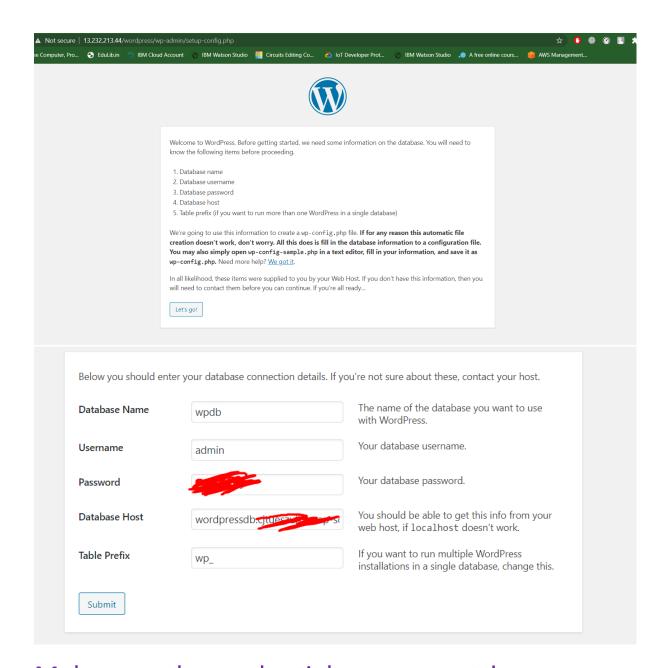
```
[root@ip-172-31-<u>3</u>6-189 ~]# mysql -h wordpressdb.cjtueszujkqo.ap-south-1.rds.amazonaws.com -u admin -p
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 5.7.30-log Source distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [(none)]>
MySQL [(none)]>
MySQL [(none)]>
MySQL [(none)]> show databases;
 Database
 information_schema
  innodb
 mysql
 pérformance_schema
6 rows in set (0.00 sec)
MySQL [(none)]> create database wpdb;
Query OK, 1 row affected (0.00 sec)
MySQL [(none)]>
```

Now setting up the wordpress



Index of /wordpress

Name	Last modified	Size Description
Parent Directory		-
index.php	2020-02-06 06:33	405
license.txt	2020-02-12 11:54	19K
readme.html	2020-06-26 13:58	7.1K
wp-activate.php	2020-07-28 17:20	6.9K
wp-admin/	2020-12-08 22:13	-
wp-blog-header.php	2020-02-06 06:33	351
wp-comments-post.php	2020-10-08 21:15	2.3K
wp-config-sample.php	2020-02-06 06:33	2.8K
wp-content/	2020-12-08 22:13	-
wp-cron.php	2020-07-30 19:14	3.8K
wp-includes/	2020-12-08 22:13	-
wp-links-opml.php	2020-02-06 06:33	2.4K
wp-load.php	2020-02-06 06:33	3.2K
wp-login.php	2020-11-09 10:53	49K
wp-mail.php	2020-04-14 11:32	8.3K
wp-settings.php	2020-11-12 14:43	20K
wp-signup.php	2020-09-30 21:54	31K
wp-trackback.php	2020-10-08 21:15	4.6K
xmlrpc.php	2020-06-08 19:55	3.2K



Make sure the credentials are correct! Thank you