

Results:

The top screenshot shows a WordPress site titled "Shadi's Site" with the tagline "Just another WordPress site". The main content area displays a "Hello world!" post by Shadi, dated September 16, 2022, with 1 comment. Below the post is a search bar and a "SEARCH" button. The bottom screenshot shows the WordPress admin dashboard for the same site. The left sidebar contains a menu with options like Dashboard, Posts, Media, Pages, Comments, Appearance, Themes, Customizer, Widgets, Menus, Background, Theme File Editor, Plugins, Users, Tools, Settings, and Collapse menu. The main content area shows the "Themes" section with a search bar and a list of installed themes. The themes listed are Twenty Twenty, Twenty Twenty-One, and Twenty Twenty-Two. The "Active" theme is Twenty Twenty. The dashboard also shows a "New theme activated. Visit site" message and a "Create database" button.

RDS: Chooses MySQL

The screenshot shows the AWS RDS console with the "Databases" tab selected. The table below lists the databases:

DB identifier	Role	Engine	Region & AZ	Size	Status	CPU	Current activity	Maintenance
mydb-sql	Instance	MySQL Community	us-east-1f	db.t3.micro	Available	2.71%	0 Connections	none

EC2:

Inside the ec2 runs the wordpress.

```
[ec2-user@ip-172-30-5-203 wordpress]$ history
1  clear
2  ls
3  clear
4  dnf install httpd -y
5  sudo dnf install httpd -y
6  sudo apt-get update
7  apt-get update
8  sudo yum install httpd -y
9  yum install wget vim -y
10 sudo yum install wget vim -y
11 yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm
12 sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm
13 sudo yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm --skip-broken
14 sudo yum install https://rpms.remirepo.net/enterprise/remi-release-8.rpm
15 sudo yum install https://rpms.remirepo.net/enterprise/remi-release-8.rpm --skip-broken
16 sudo yum module install php:remi-7.4
17 sudo yum install php-mysqldb -y
18 systemctl start httpd
19 systemctl enable httpd
20 systemctl status httpd.service
21 sudo systemctl start httpd
22 systemctl status httpd.service
23 sudo systemctl enable httpd
24 sudo systemctl status httpd
```

run `mysql -h endpoint url -u username -p`

to create the DB

- create database wordpress;

```
[ec2-user@ip-172-30-5-203 wordpress]$ mysql -h mydb-sql.cxuf4hjy1i1u.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 90
Server version: 8.0.28 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)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| wordpress |
+-----+
5 rows in set (0.00 sec)

MySQL [(none)]>
```

Thanks,
Shadi Badir.