RDS Student Notes:

1. Explain them what is the use case of having databases & type of databases

sql(rds/mysql) & nosql db's (dynamodb)

2. Explain about the structured & un structured data.

3. Start explaining about mysql with the private & public subnetc along with vpc

1. Create a vpc with pub & private subnets along with routes

2. Explain them the architecture of db along with ec2

Commands:

mysql -u admin -p -P 3306 -h mysingledb.cwqhpz3cgn8j.us-east-1.rds.amazonaws.com

show databases;

create database devops;

use devops;

create table studentslist(name VARCHAR(30), mobno VARCHAR(20));

insert into studentslist values("shahan", 7795540416);

select \* from studentslist;

4. Explain in detail about the use of multi AZ & teach them about the vpc with multi private subnets

explain about the subnet groups ..

Installing wordpress application

sudo yum update -y

sudo amazon-linux-extras install -y lamp-mariadb10.2-php7.2 php7.2

sudo systemctl start httpd

sudo systemctl enable httpd

wget https://wordpress.org/latest.tar.gz

tar -xzf latest.tar.gz

sudo cp -r wordpress/\* /var/www/html/

cd /var/www/html/

sudo cp wp-config-sample.php wp-config.php

Post db installation do the below.

sudo vi wp-config.php --> add the database details to this file

sudo chown -R apache /var/www

sudo chgrp -R apache /var/www

sudo chmod 775 /var/www

sudo find /var/www -type d -exec sudo chmod 2775 {} \;

sudo find /var/www -type f -exec sudo chmod 0664 {} \;

sudo systemctl restart httpd

Teach them the configuration with the created db bring down the db & show them the use case of AZ

Note: you while loop for host command ..

5. Take the snapshot of the existing db & bring a db out of it.

6. Now modify your application & show them the importance of snapshot