Create a Bash Script ( User data script ) of deploy Rovae website using S3.

Steps for this task.

1. Create and upload website file on s3 and make that public.
2. Create a ec2 linux machine
3. Run apache server on machine.
4. Use wget command to pull code in ec2 .

S3

* S3 – Amazon simple storage service (s3) is an object storage service that offers scalibilty, durability, data availability, security, and performance.
* Aws s3 is designed for 99.999999999% durability and stores data for millions of applications for companies all around the world .

Step 1.

1. Go to aws portal and in the storage part select s3 .
2. Now click on create bucket.
3. Enter the bucket name , bucket name must be unique and click on create .
4. Now open the bucket that you created .
5. Now click on upload and select the website file in zip format.
6. After that open the zip file and select the make public option.

Step 2.

1. Now create a ec2 linux machine , go to compute part and select ec2.
2. Click on launch instance.
3. Select the first one amazon linux 2 AMI.
4. In the next step choose instance type (general purpose ) and click on next.
5. Now in the configuration details there is user data option write down your bash script there.

BASH SCRIPT

#!bin/bash

yum install httpd -y

yum update -y

chkconfig httpd on

service httpd restart

yum install wget -y

wget https://practical-1.s3.amazonaws.com/rovae.in-master.zip

yum install unzip -y

unzip rovae.in-master.zip

mv -v rovae.in-master/\* /var/www/html

1. Now click on next add storage then click on next tag.
2. Click on next security group .
3. In the security group you have to add http rule , go to add rule and select http and in the source give the public aceess 0.0.0.0.
4. Click on review and launch , then download the new key pair and click on launch .

After sometimes paste public ip of your instance in the browser .

Your website is deploy successfully.