Setting Up a Web Server Using Apache2 on AWS Steps

Create an EC2 Instance:

- Log in to your AWS console.
- Navigate to the EC2 service.
- · Launch a new instance.
- Configure security groups to allow HTTP (port 80) traffic to your instance.

Connect to the Instance:

Once the instance is running, use your SSH client to connect to it. You'll need the
public IP address of the instance and the key pair you used during launch.

Install Apache2:

• Use the following command to install Apache2:

```
sudo apt install apache2 -y
```

Verify Apache2 Installation:

· Check the Apache2 version:

```
apache2 -v
```

Start Apache2 Service:

Start the Apache2 service:

```
sudo service apache2 start
```

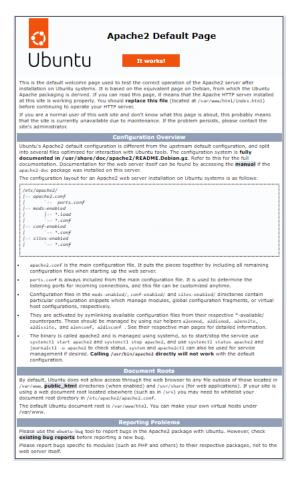
Check Service Status:

Verify that the service is running:

sudo service apache2 status

Access the Web Server:

 Open a web browser and enter the public IP address of your EC2 instance. You should see a default Apache2 welcome page.



Create a Custom HTML File:

Navigate to the web server's document root directory:
 cd /var/www/html/

Remove the existing index.html file:

sudo rm index.html

· Create a new index.html file:

sudo vim index.html

Paste the following HTML code into the file:

Save the file and exit Vim.

Restart Apache2:

• Restart the Apache2 service to apply the changes:

sudo service apache2 restart

Access the Custom Page:

• Refresh the web browser page pointing to your instance's public IP. You should now see the custom HTML content.

