Amazon EC2 Instances Exercise

Your Challenge

Create an Amazon Linux EC2 instance to run a web application:
Use the AWS Management Console to launch the instance.

Use an Amazon Linux Amazon Machine Image (AMI) and a T3 instance type with a size that is smaller than medium.

Launch the instance in a new virtual private cloud (VPC) and a new subnet, and auto-assign the instance's public IPv4 address.

While you are creating your instance, in the user data, install and start the httpd service as your web server. Give write permission to users to the web server's document root directory (/var/www/html).

Use a General Purpose SSD (gp2) volume type for the root volume.

Configure the instance, and create the necessary resources so that you can connect to it by using Secure Shell (SSH).

Capture a screenshot of the EC2 instance's system log showing that the httpd service was successfully installed.

To test your web server, deploy the web page in the following steps to your web server.
Use EC2 Instance Connect to connect to your EC2 instance.

Create a sample HTML file and save it as projects.html

Place this file in the /var/www/html directory of your EC2 instance.

Open a web browser, and navigate to this sample webpage.

Capture a screenshot showing that the page was successfully returned and displayed.

aws re/start