**Programming Assignment Solutions**

Q6.

Figure 1: Terraform initialization from the folder created for AWS actions.

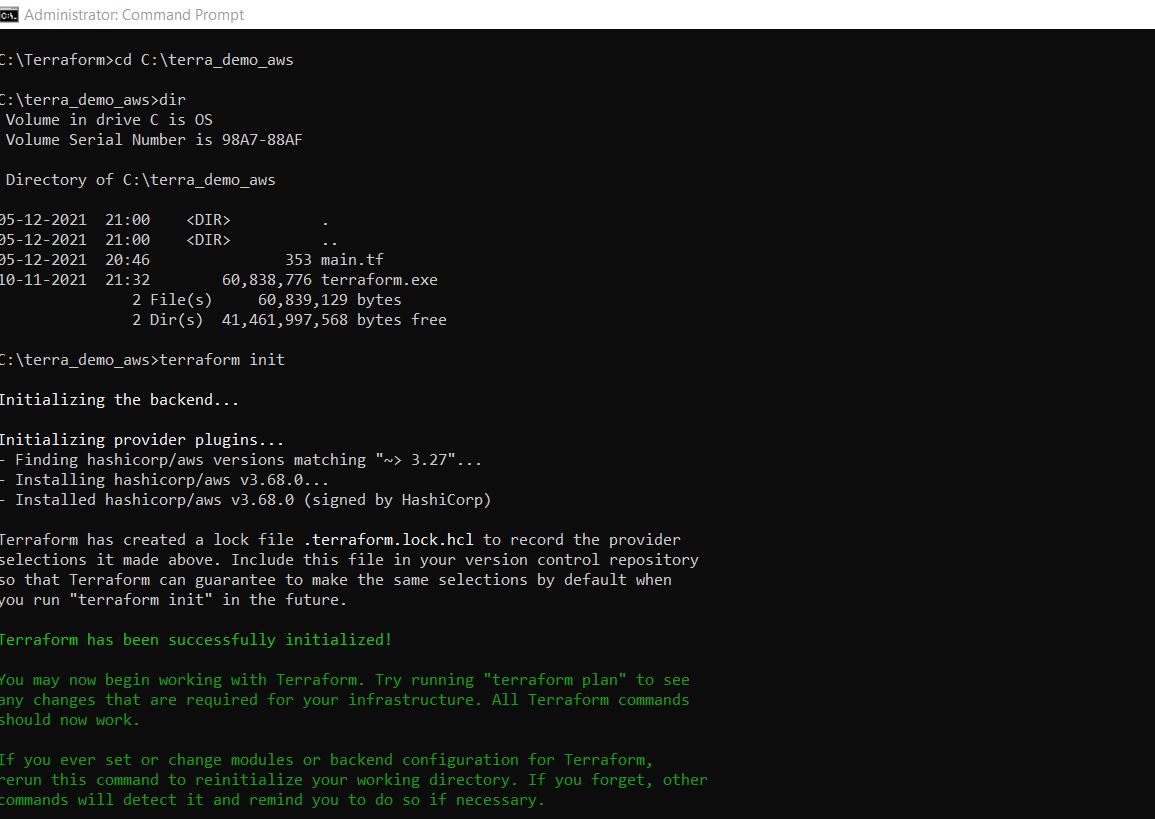


Figure 2: Terraform apply command parts can be seen below:

Text

Description automatically generated

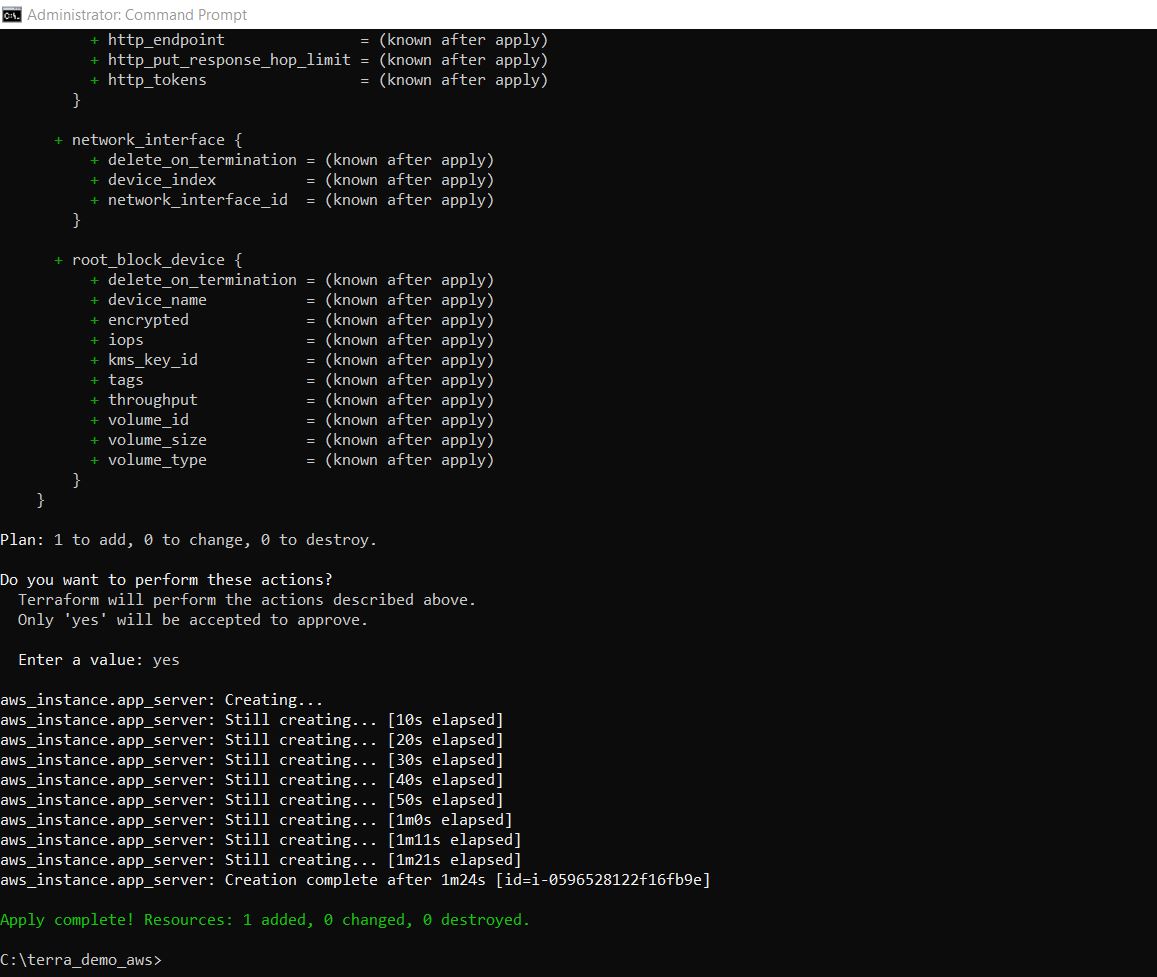


Figure 3: Terrafrom graphs showing the details of the instance created.

A picture containing text

Description automatically generated

Figure 4: AWS instance created up and running from AWS services

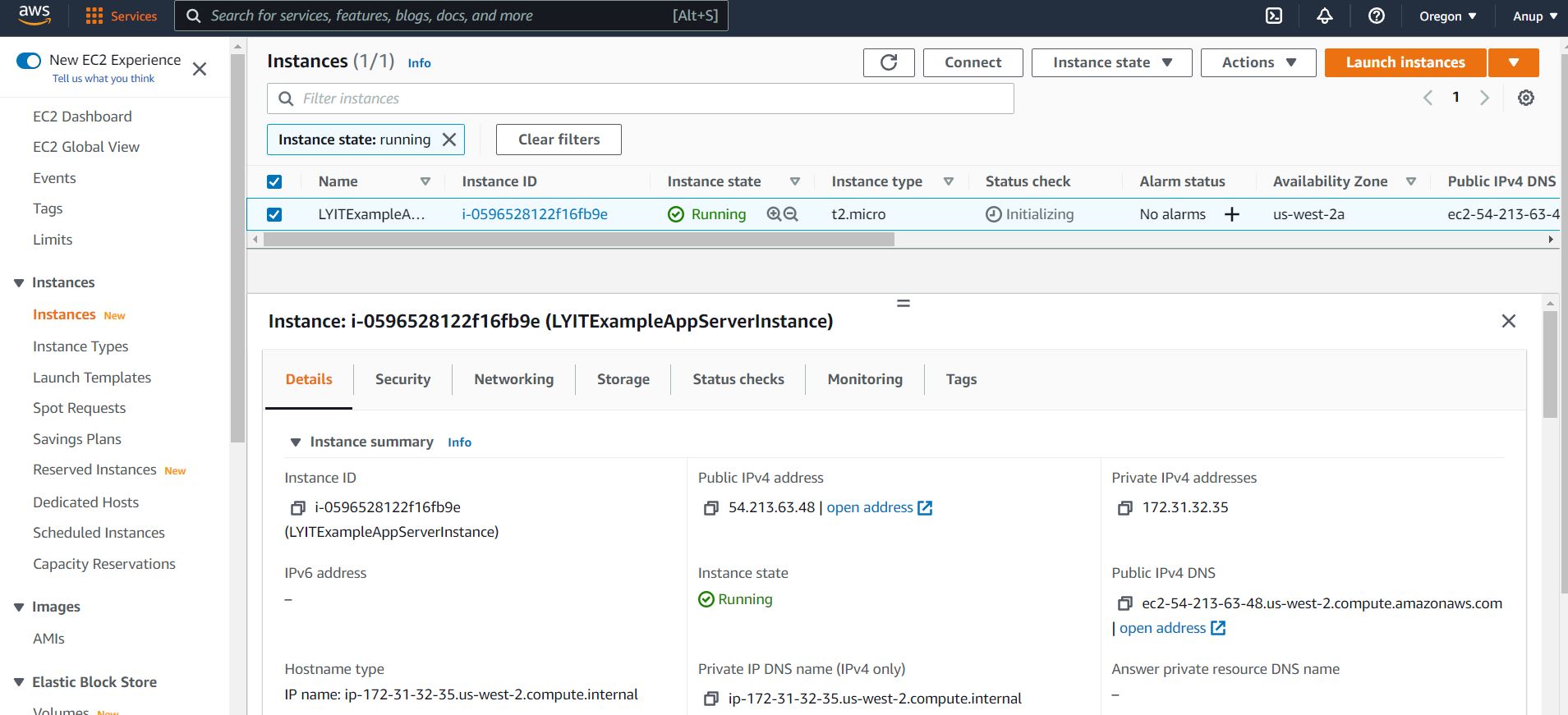


Figure 5: AWS instance summary details from AWS services

Graphical user interface, text, application, email

Description automatically generated

Figure 6: Executing the terraform destroy command to stop the AWS instance from running.

Text

Description automatically generated

Text

Description automatically generated

Figure 7: AWS Instance stopped after terraform destroy command has been executed.

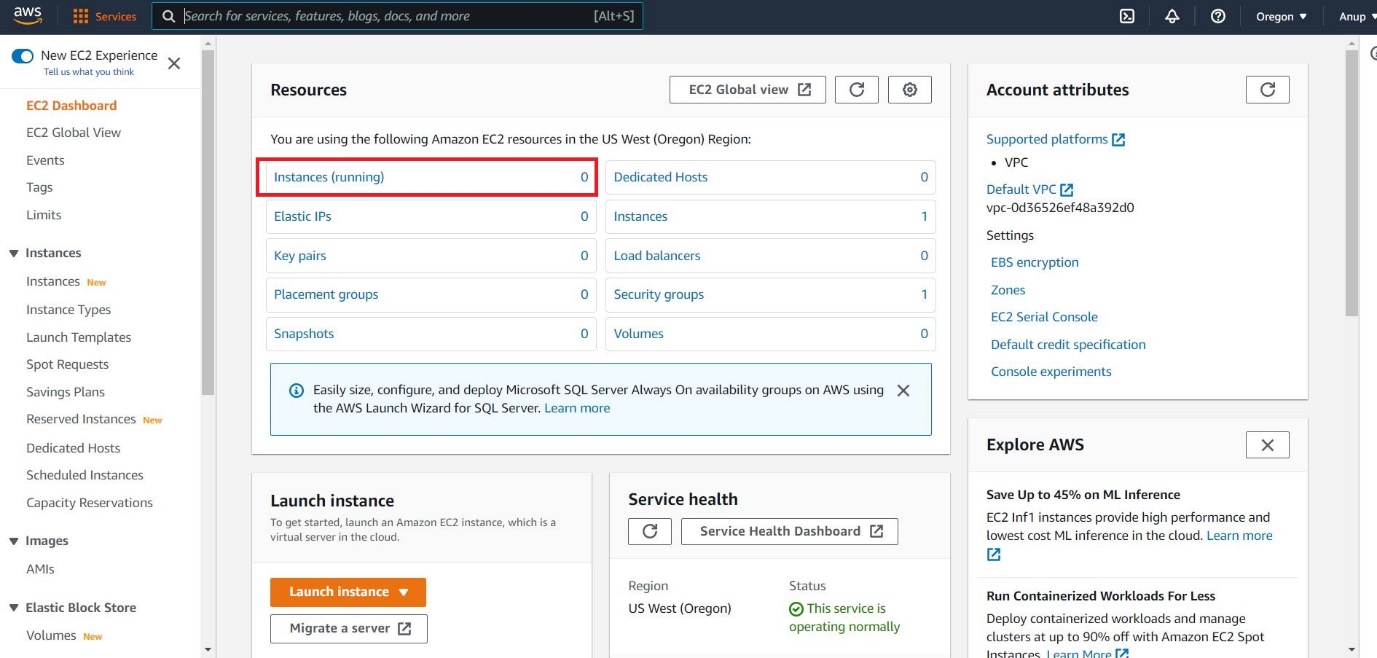


Figure 8: Summary details of terminated AWS instance created using terraform.

A screenshot of a computer

Description automatically generated