Contents

AWS Assignment

Lab 4 - Working with EBS

I am going to write down about lab 4 and lab 5 which I have done and what I learnt I will explain with screenshots.

Task 1: I created a new **EBS volume** I started my lab and went to AWS Management Console where I chose **EC2** service. I successfully created volume **(Figure 1).**

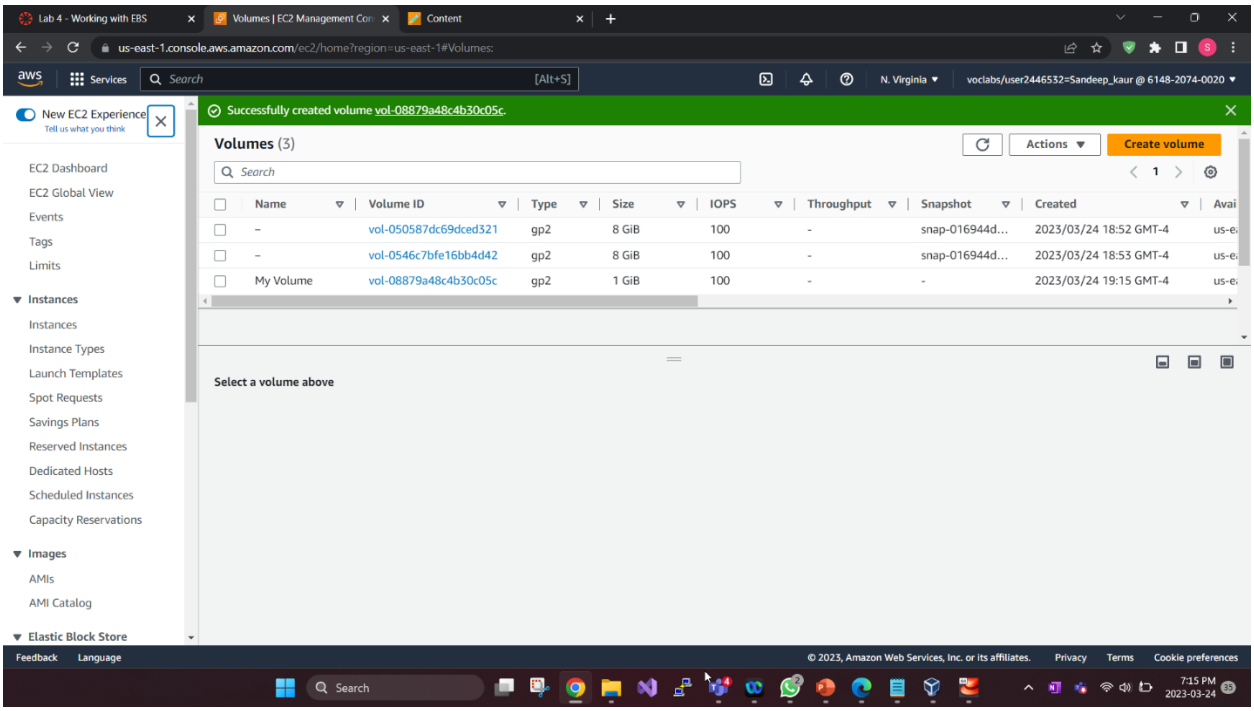


Figure 1 Created Volume

Task 2 Attach the Volume to an Instance: in this I selected my volume and went to action menu where I attached volume while following some steps **(Figure 2).**

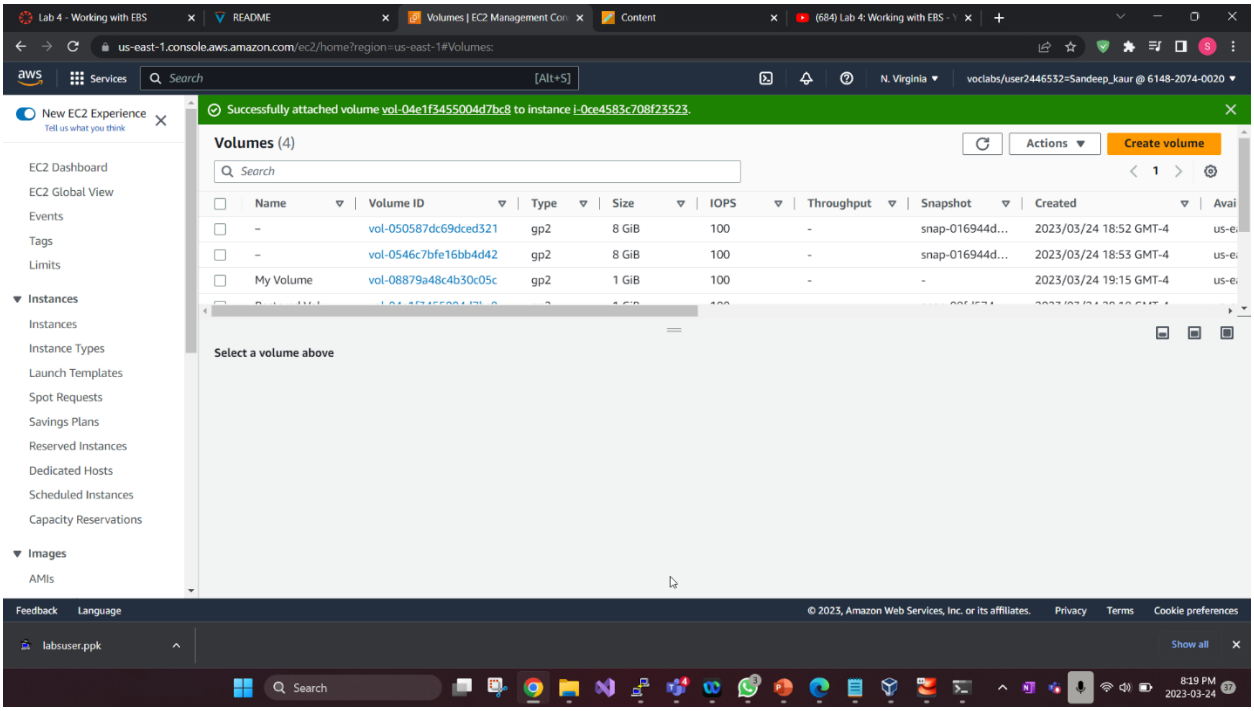


Figure 2 Attached volume.

Task 3 Connect to Your Amazon EC2 Instance: in this firstly I downloaded the file which I used to open **putty**. I followed all instructions, where I used all steps to connect with the putty and I showed in the images **(Figure 3).**

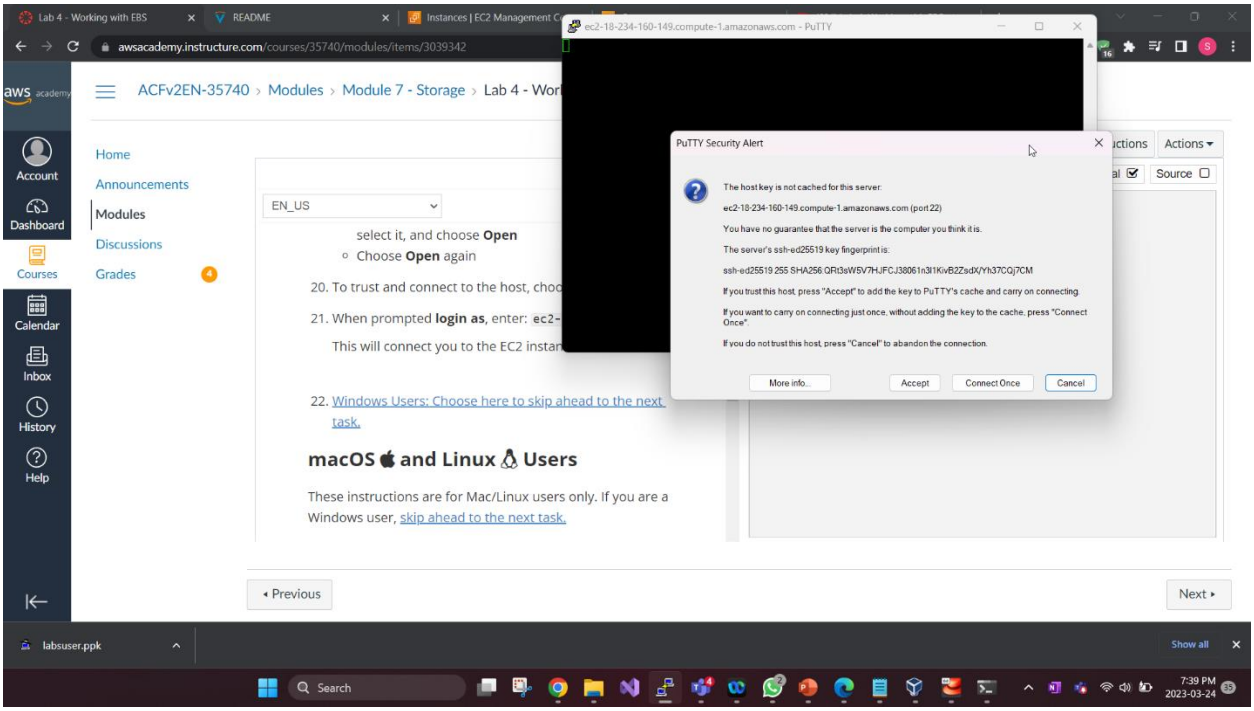


Figure 3 Connect with putty

I login with **ec2-user**. I showed in image. I opened **the terminal and used commands (Figure 4).**

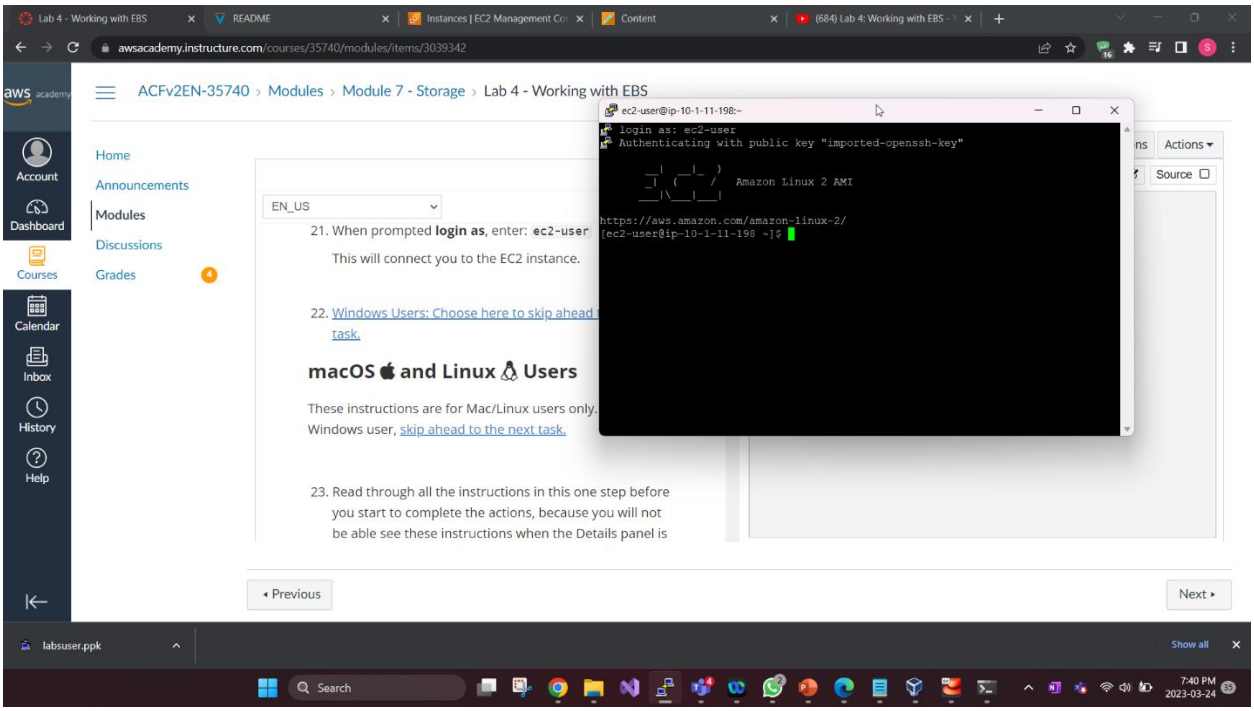


Figure 4 login

Task 4: Create and Configure Your File System after login I used commands. All commands show different things and at the end verified the text (Figure 5 and 6).

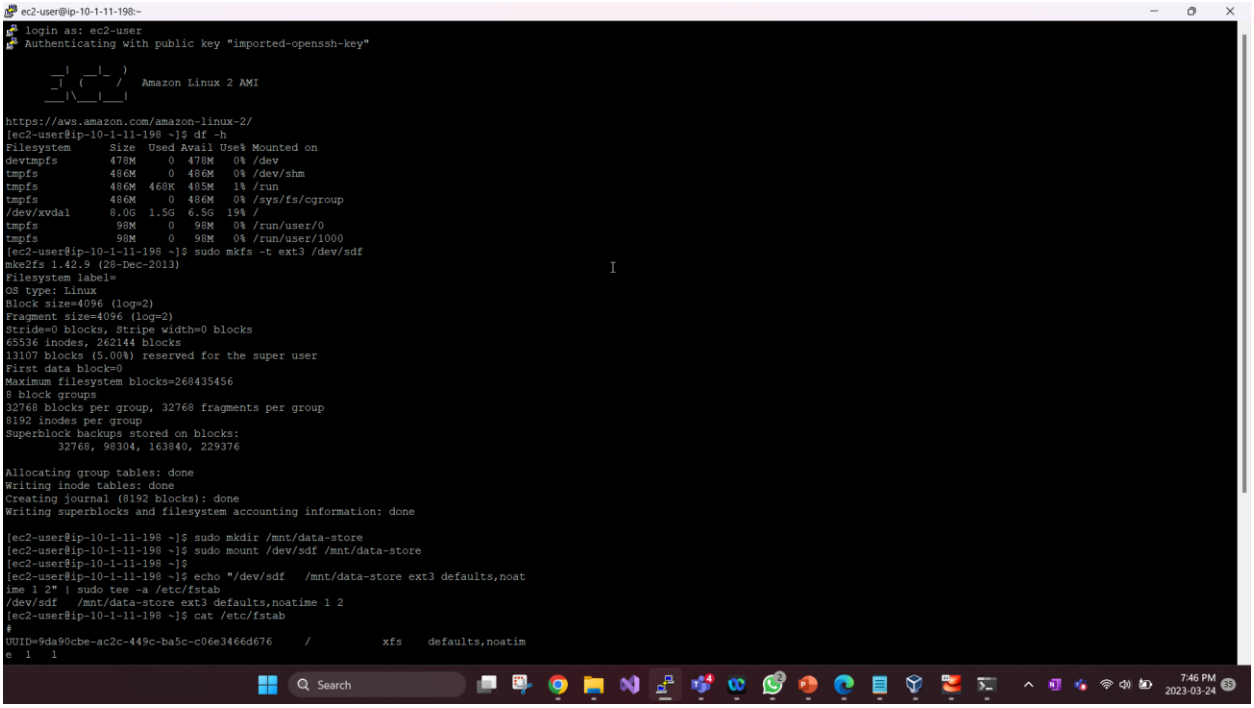


Figure 5 all commands

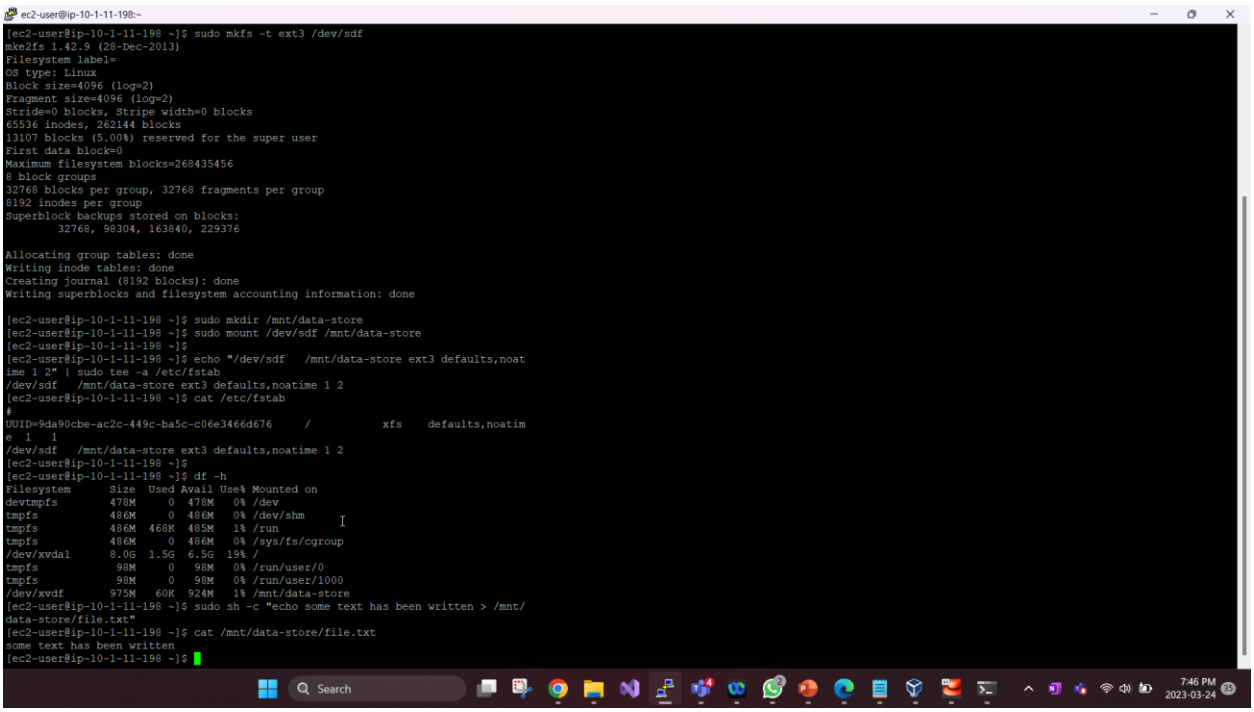


Figure 6 all commands

Task 5 Create an Amazon EBS Snapshot: in this step I open **AWS Management Console** where chose **volumes and selected** to use I created **snapshot (Figure 7).**

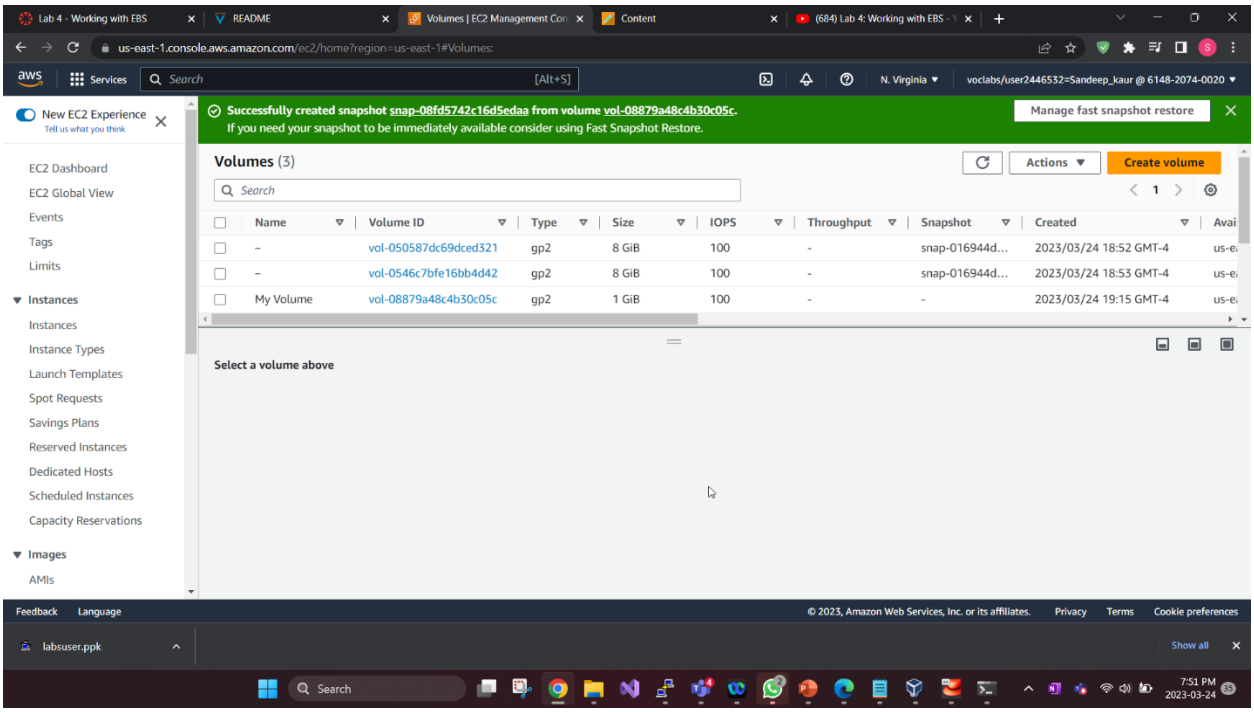


Figure 7 created snapshot

After using it I opened **SSH session**, and I deleted the file while using rm command and used ls command **(Figure 8).**

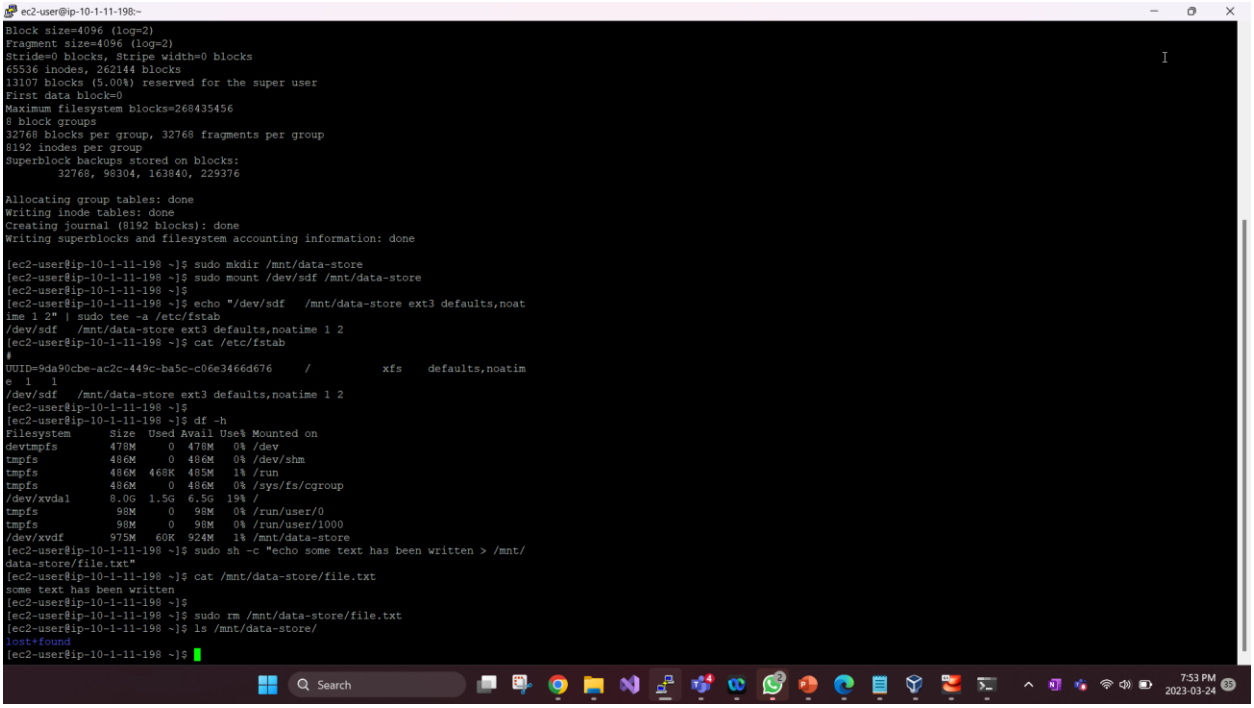


Figure 8 used rm command.

Task 6: Restore the Amazon EBS Snapshot: as I ever wish it **retrieve data stored**, I can use **EBS volume**. I created a volume using snapshot **(Figure 9).**

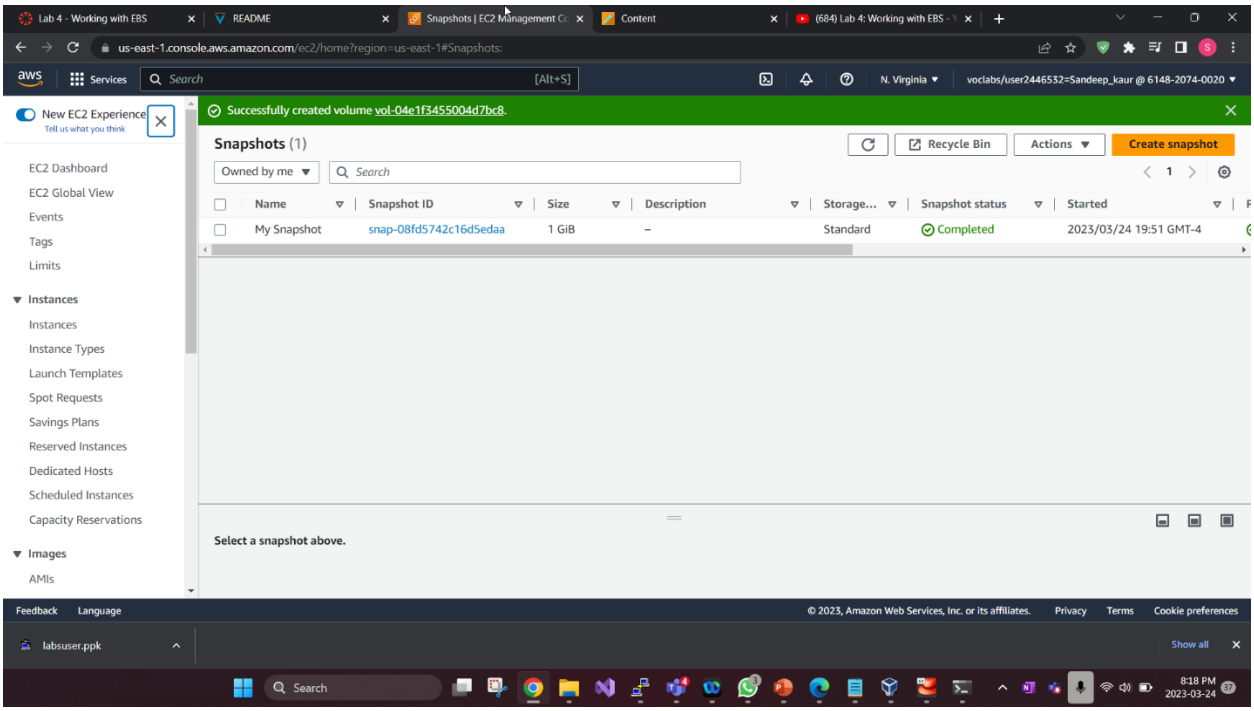


Figure 9 created volume.

Following all steps **created volume** along with it I attached volume **(Figure 10).**

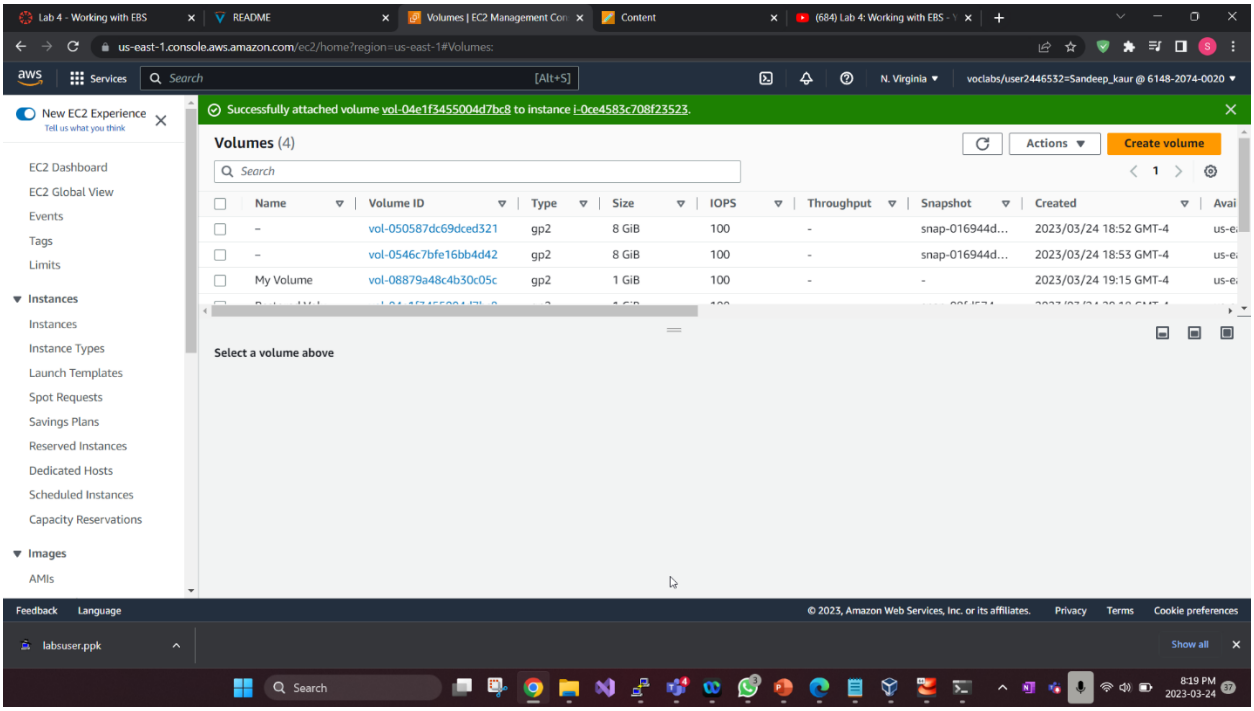


Figure 10 attached volume

Again, gave commands for **file.text (Figure 11).**

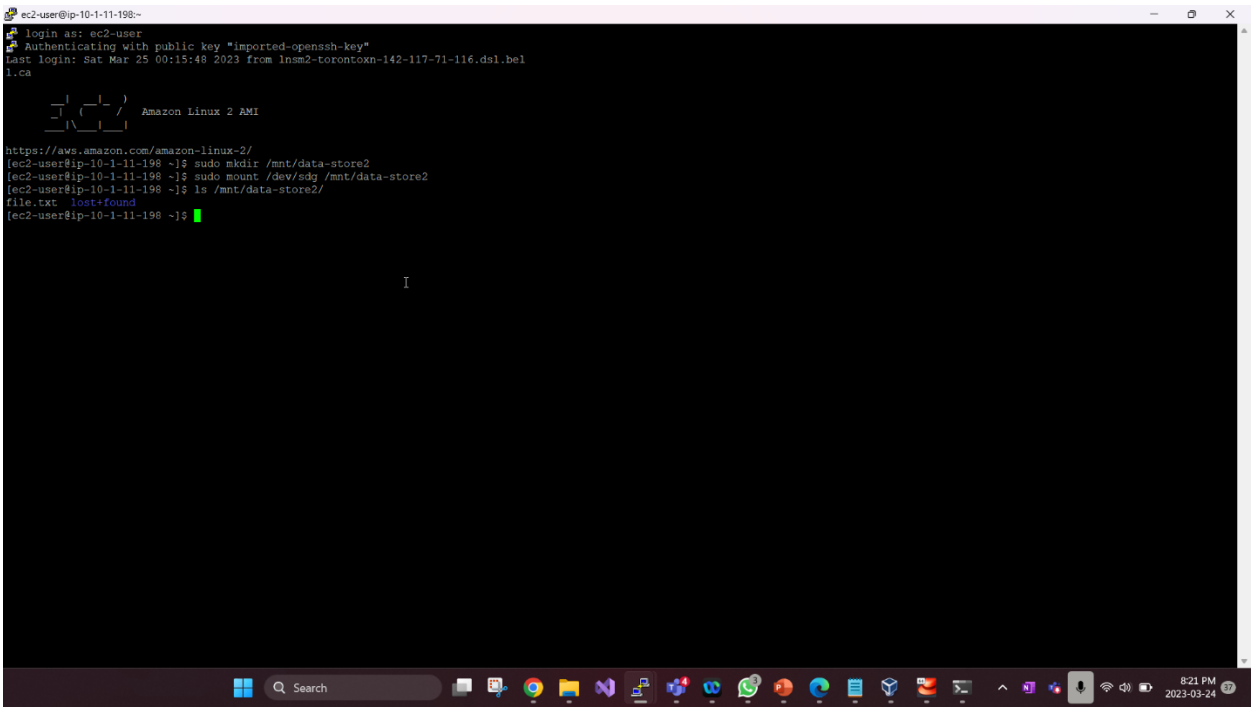


Figure 11 makefile which is file.text

Conclusion: At the end I attached **congratulation** image **(Figure 12).**

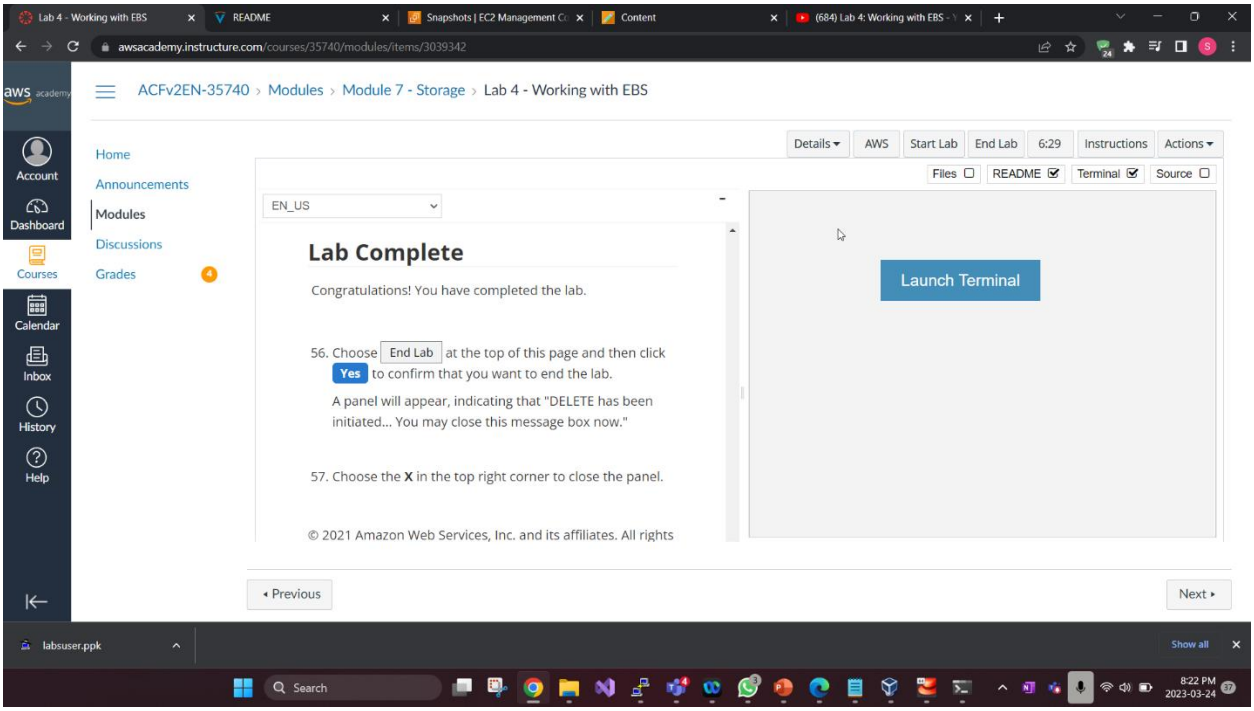


Figure 12 congratulation

Completion: I completed the lab **(Figure 13).**

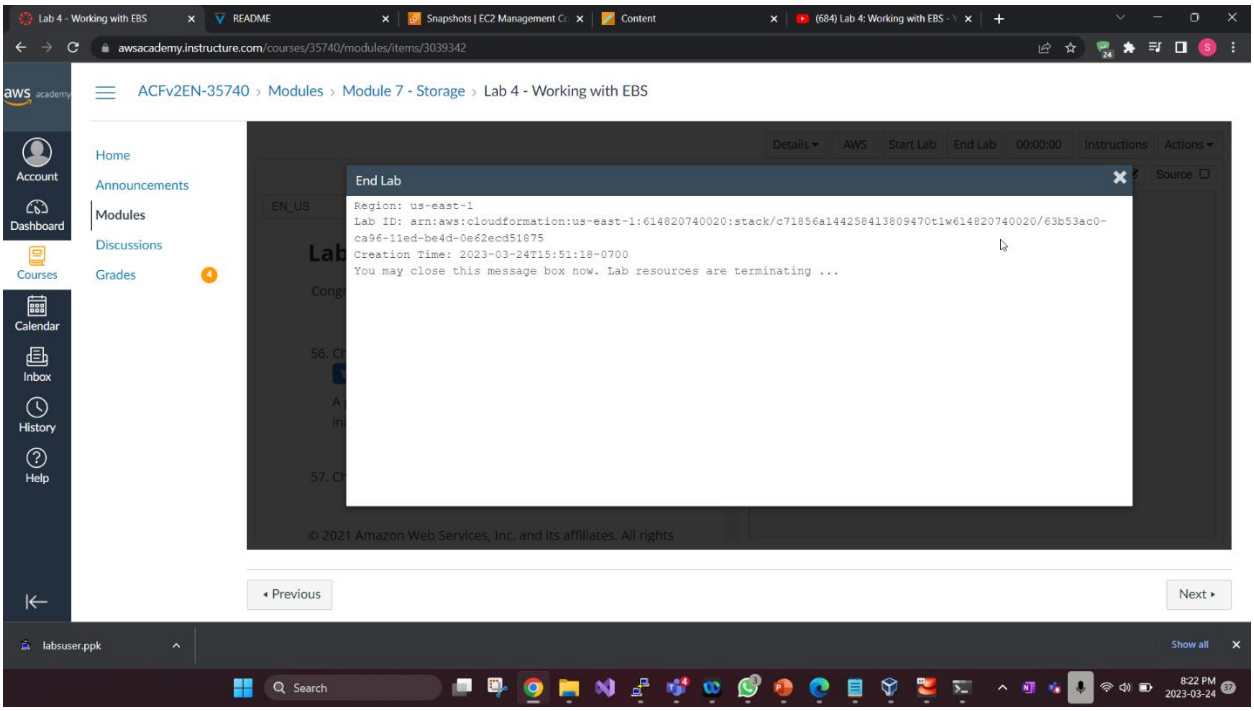


Figure 13 end lab

Lab 5 - Build a Database Server

Task 1 Create a Security Group for the RDS DB Instance in this I used VPC service where I created **security group (Figure 14).**

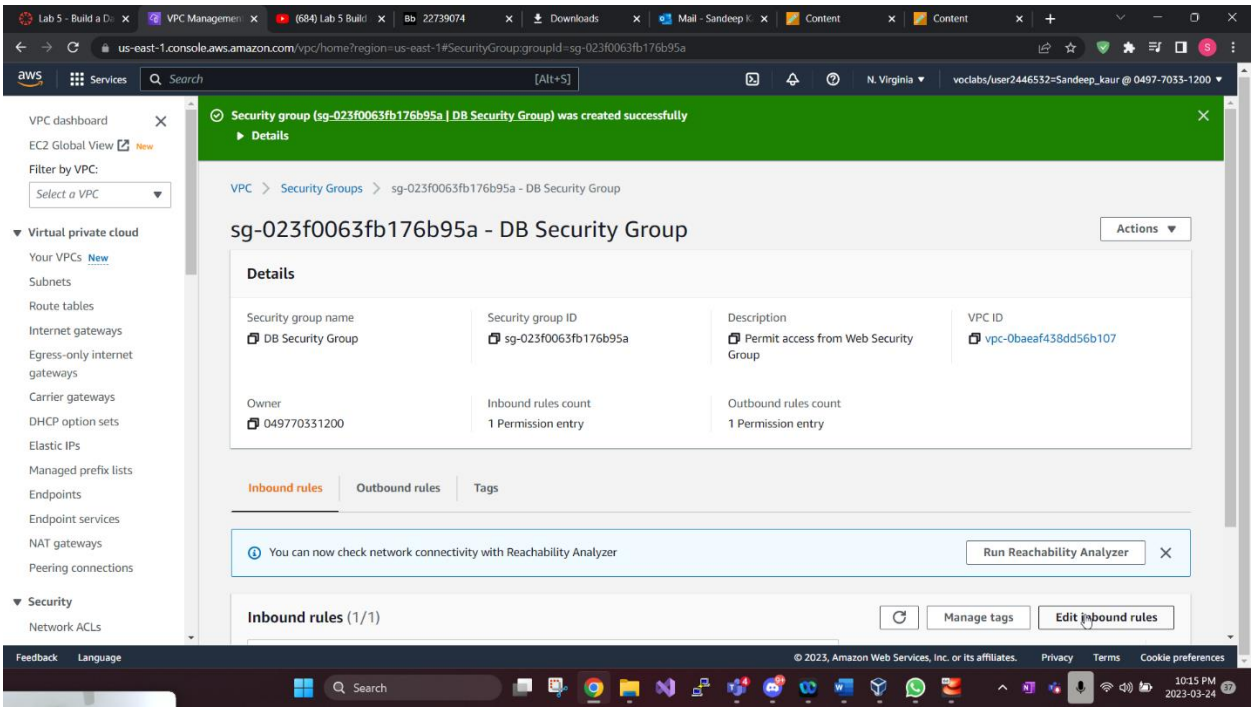


Figure 14 Security Group

Task 2 Create a DB Subnet Group: I chose RDS service to create a database **(Figure 15).**

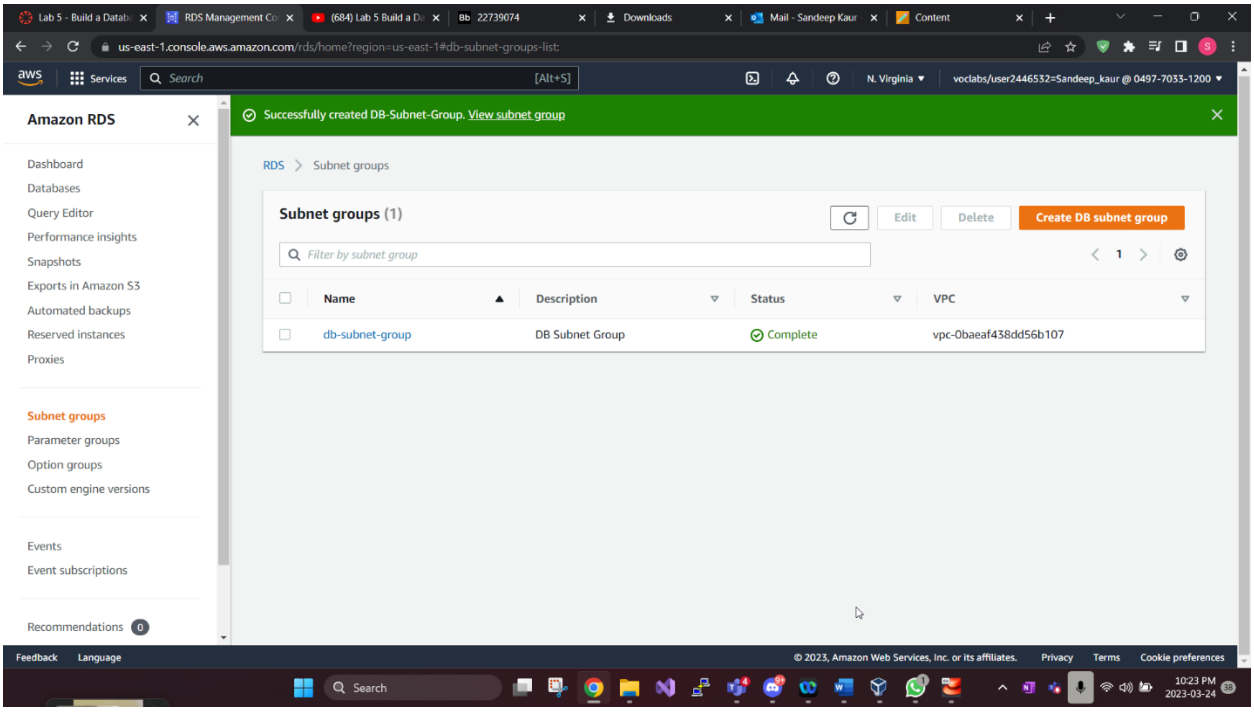
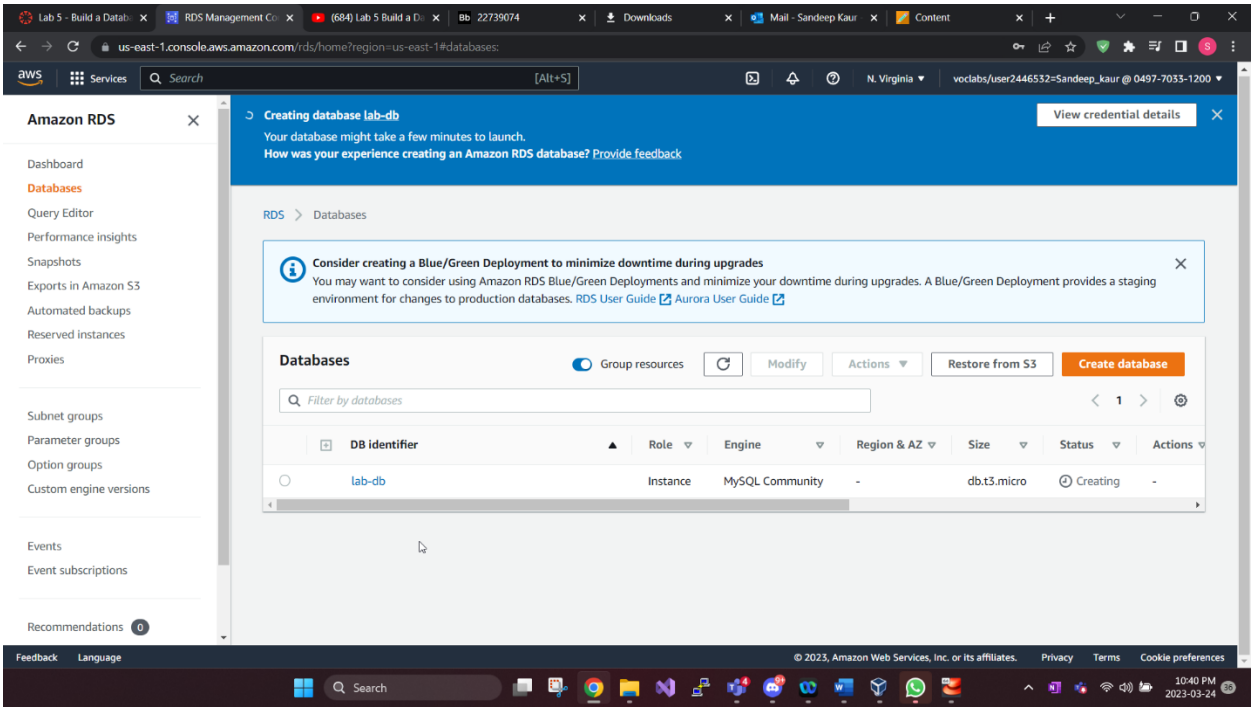


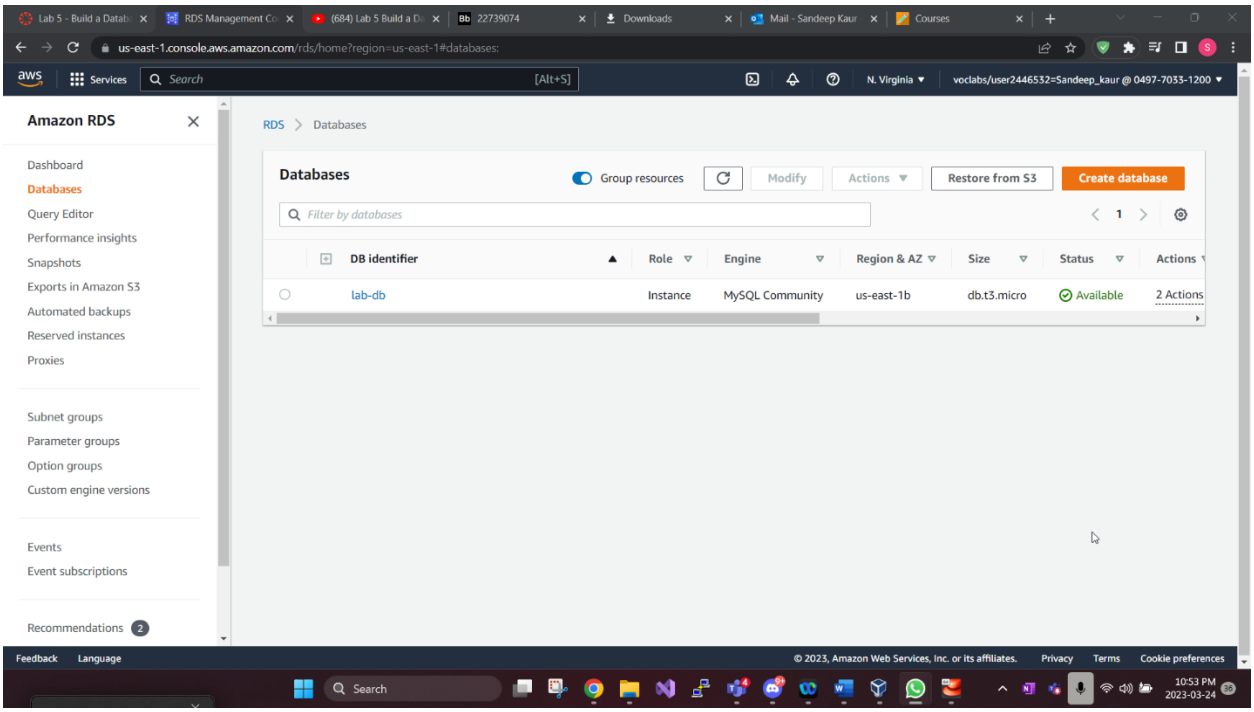
Figure 15 Created DB subnet.

Task 3 Create an Amazon RDS DB Instance: in the left navigation panel I used databases when I used **MySQL** and under settings, I made some changes. After completing all steps, I created database. At the end I got a Endpoint field which I copied for having uses **(Figure 16).**



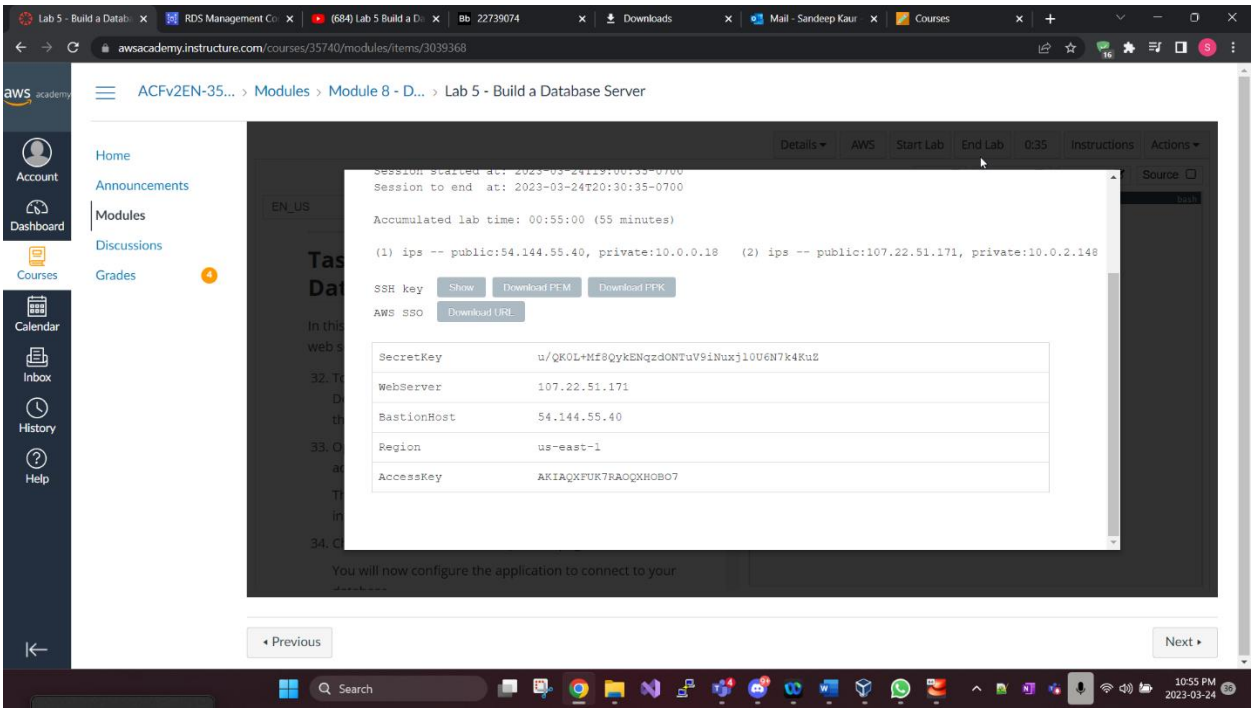
It took some time. (**Figure 17)**

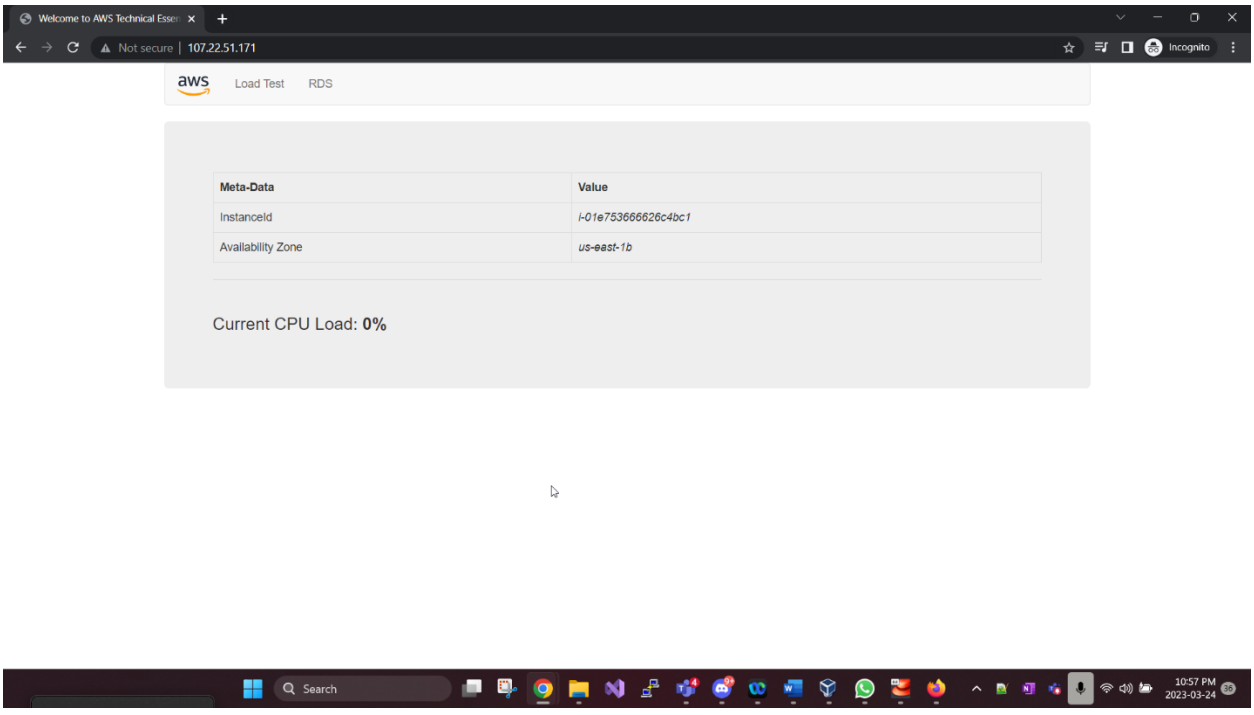
Figure 17 lab-db



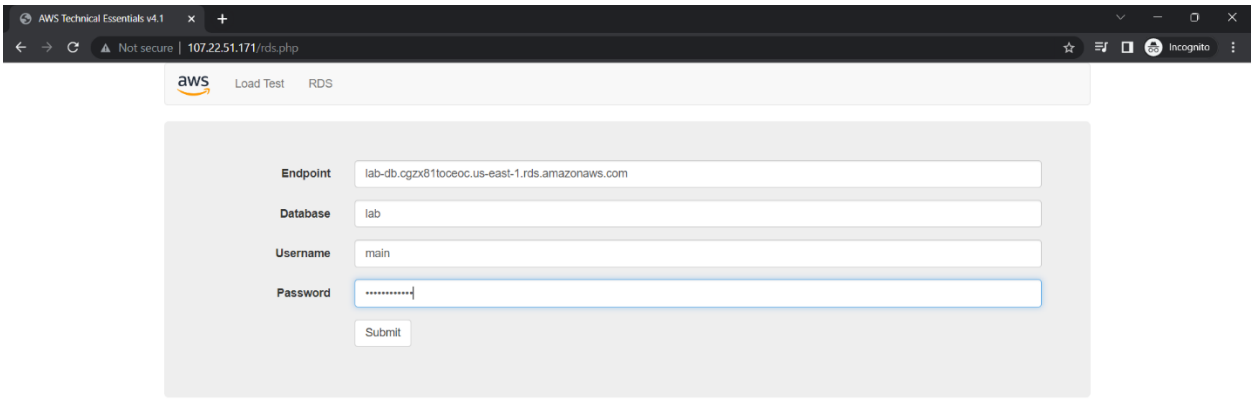
Task 4 Interact with Your Database: in this task I opened web server and used RDS link, opened it I used ip address and pasted in another browser **(Figure 18).**

Figure 18 GOT webserver

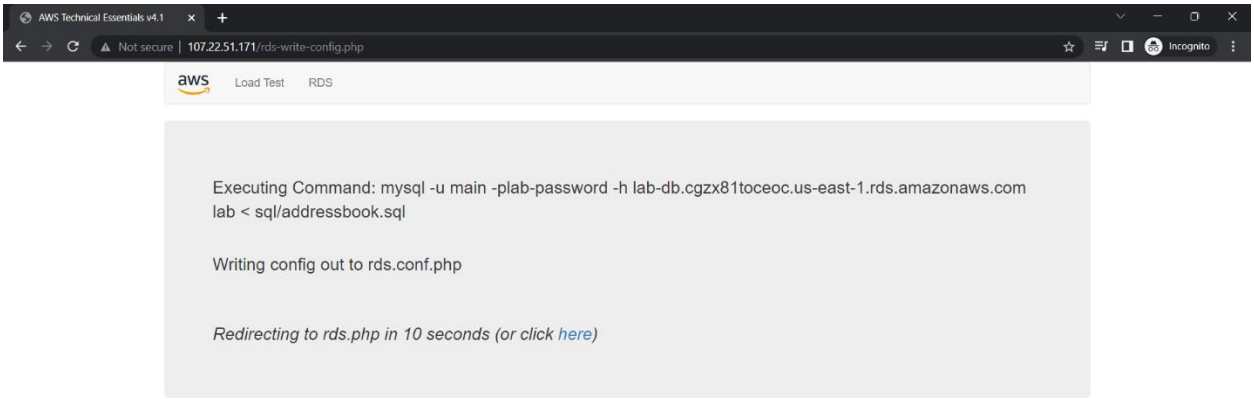


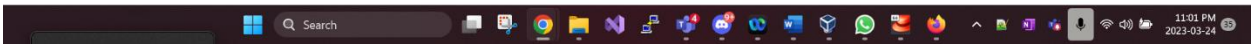


I got an **Address box** where I added **endpoint** and **database, username, password.**

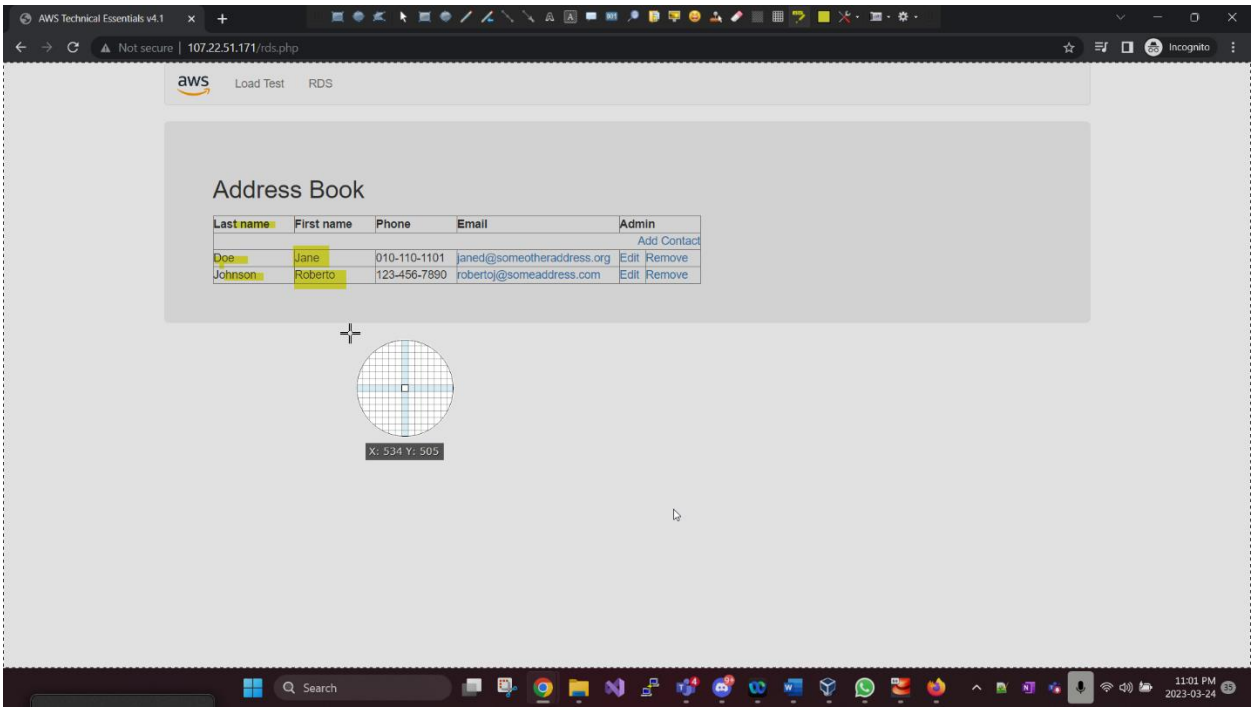


along with it I made some changes.





I **completed this lab after editing.**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Phone
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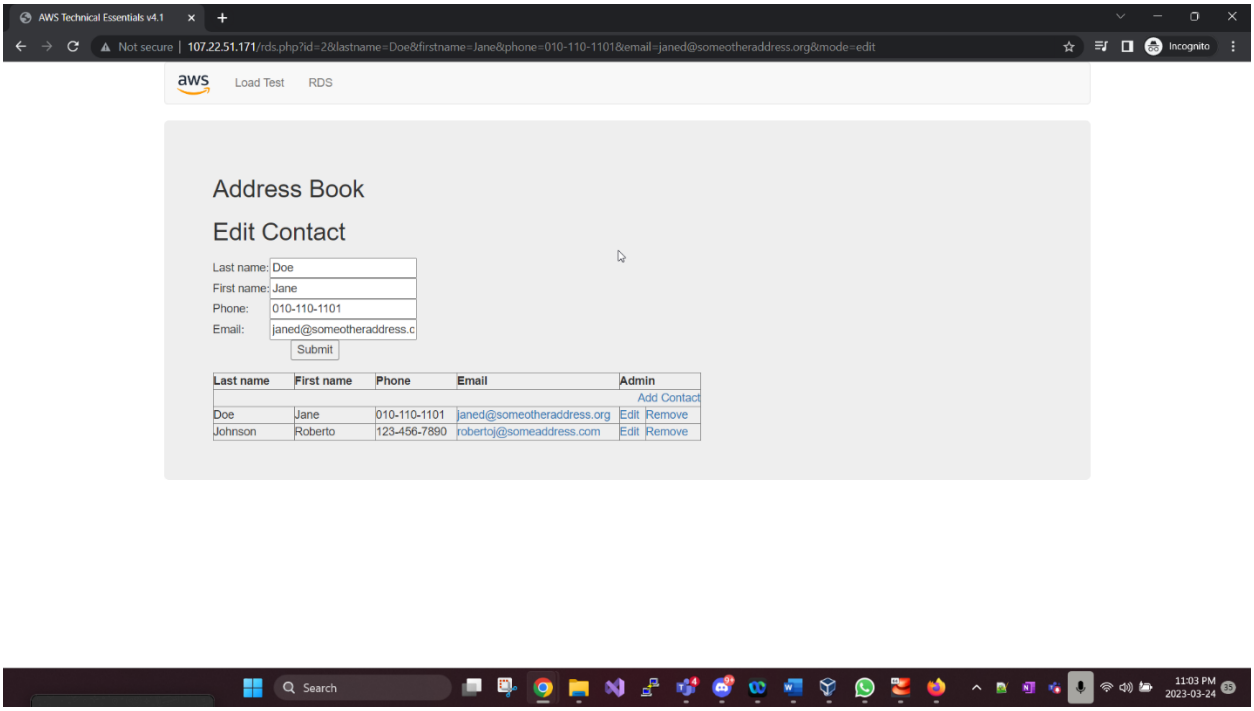
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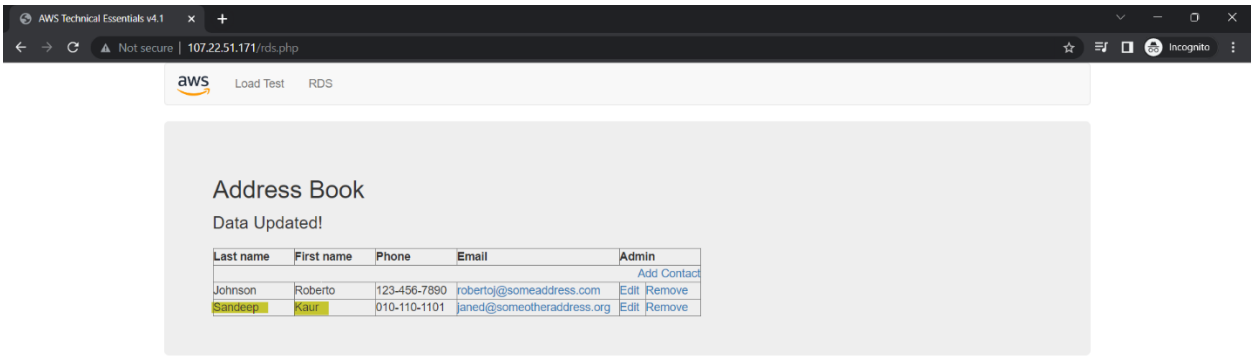
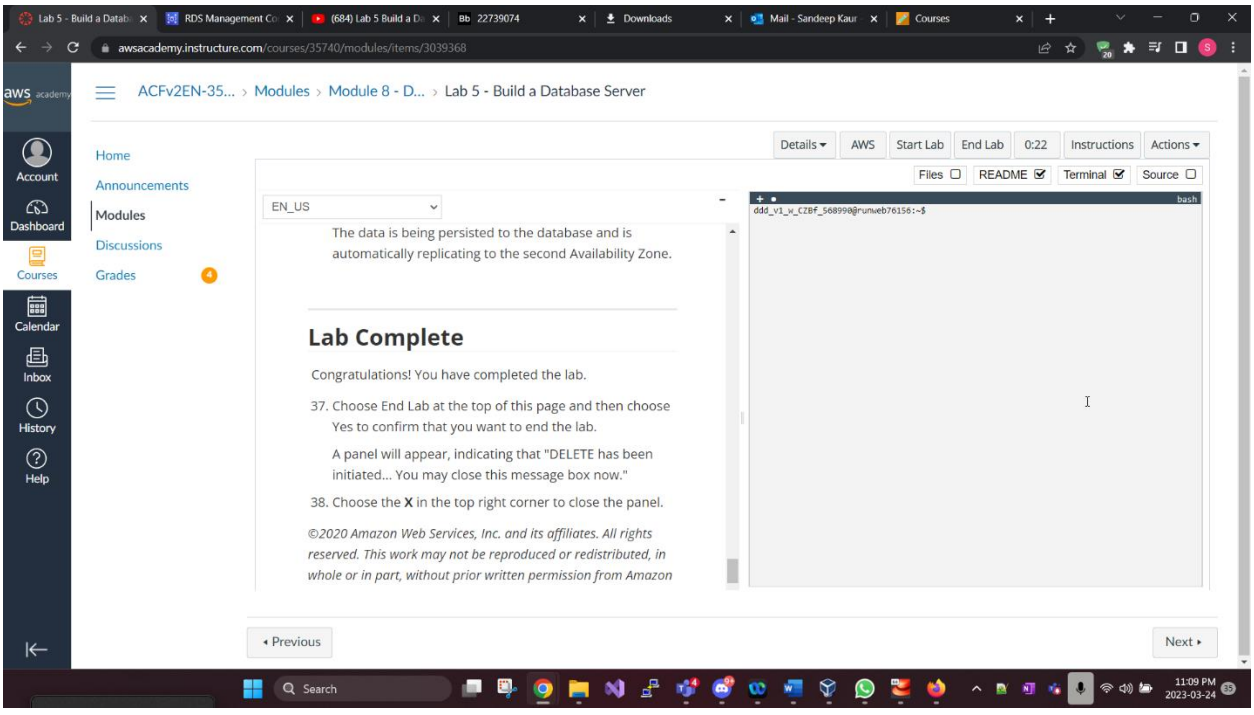
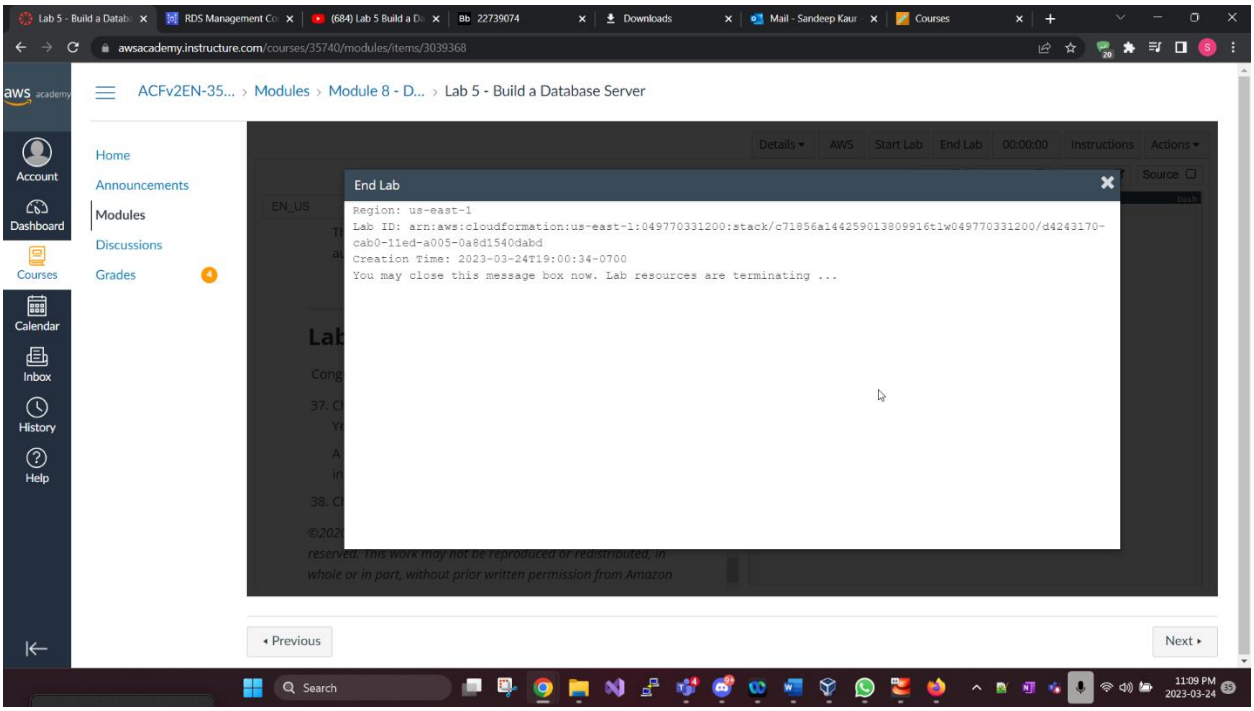


Lab Completed

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Discussions
Grades
Details
AWS
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End Lab
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Instructions
Actions
Source
End Lab
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