Busisiwe Dhlamini

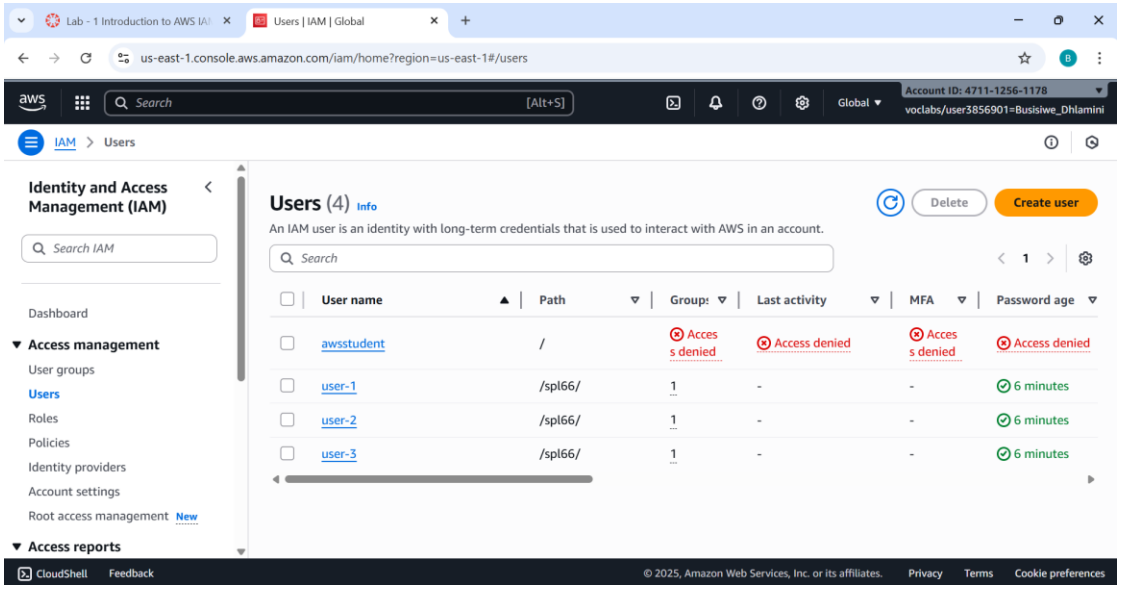
LOGBOOK

Lab 1: Introduction to AWS IAM

Task 1: Explore the Users and Groups

Task 2: Add Users to Groups

Task 3: Sign-In and Test Users



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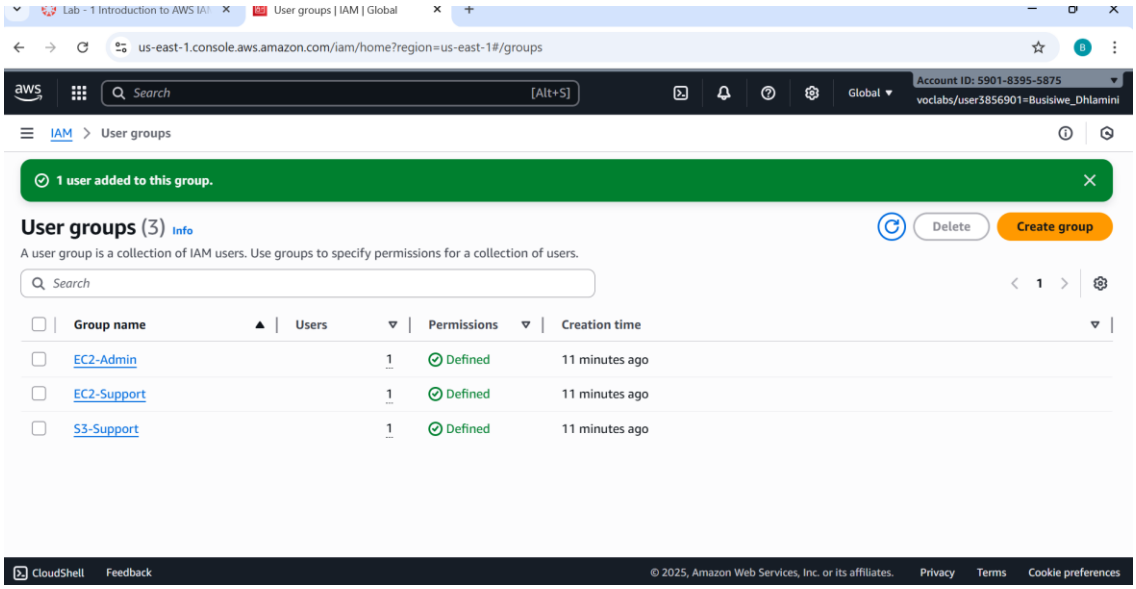


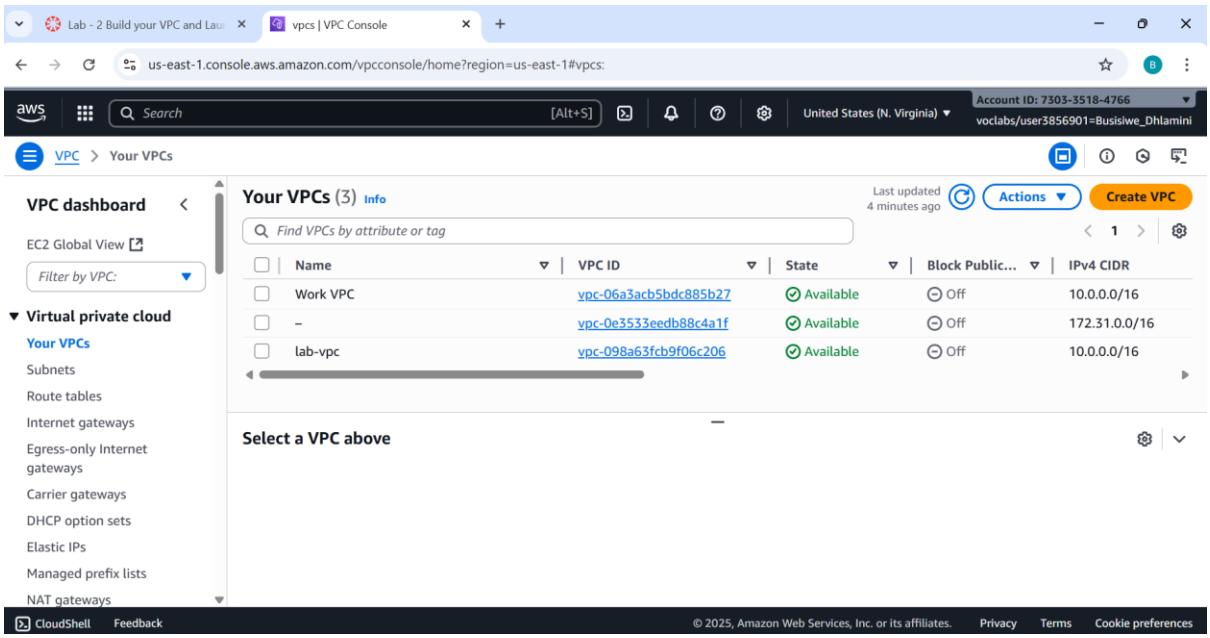
Lab 2: Build your VPC and Launch a Web Server

Task 1: Create your VPC

Task 2: Create Additional Subnets

Task 3: Create a VPC Security Group

Task 4: Launch a Web Server Instance



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Lab 3: Introduction to Amazon EC2

Task 1: Launch Your Amazon EC2 Instance

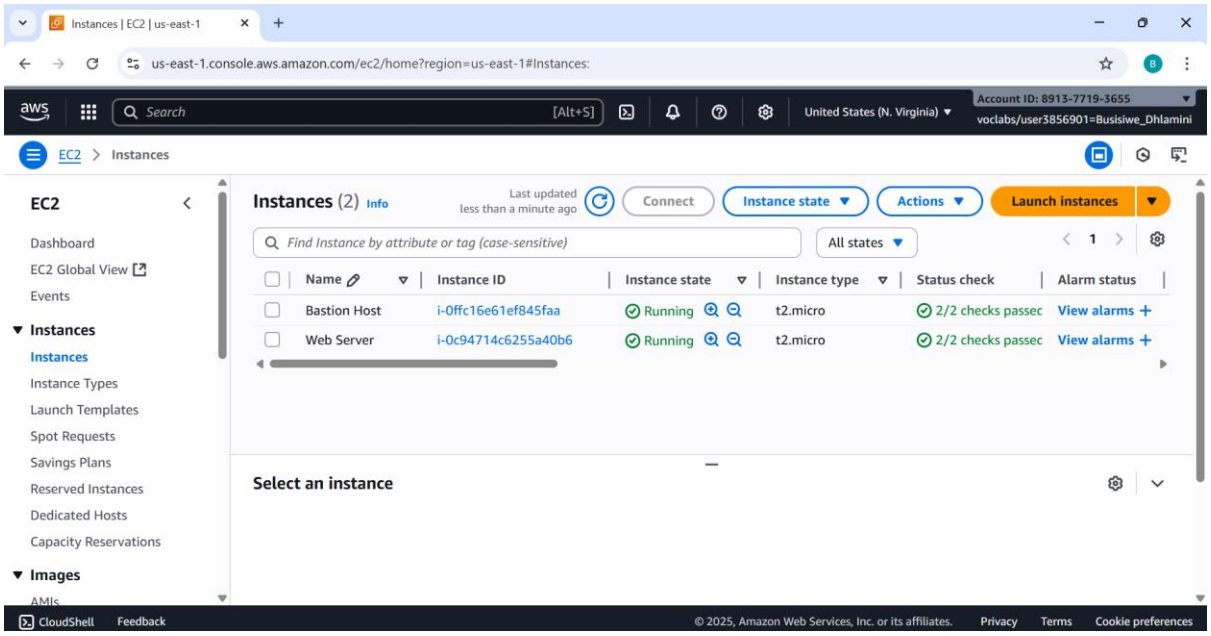
Task 2: Monitor Your Instance

Task 3: Update Your Security Group & Access Your Web Server

Task 4: Resize Your Instance: Instance Type & EBS Volume

Task 5: Explore EC2 Limits

Task 6: Test Stop Protection



Activity: AWS Lambda

- Task 1: Create a lambda function
- Task 2: Configure the trigger
- Task 3: Configure the Lambda function
- Task 4: Verify that the lambda function worked

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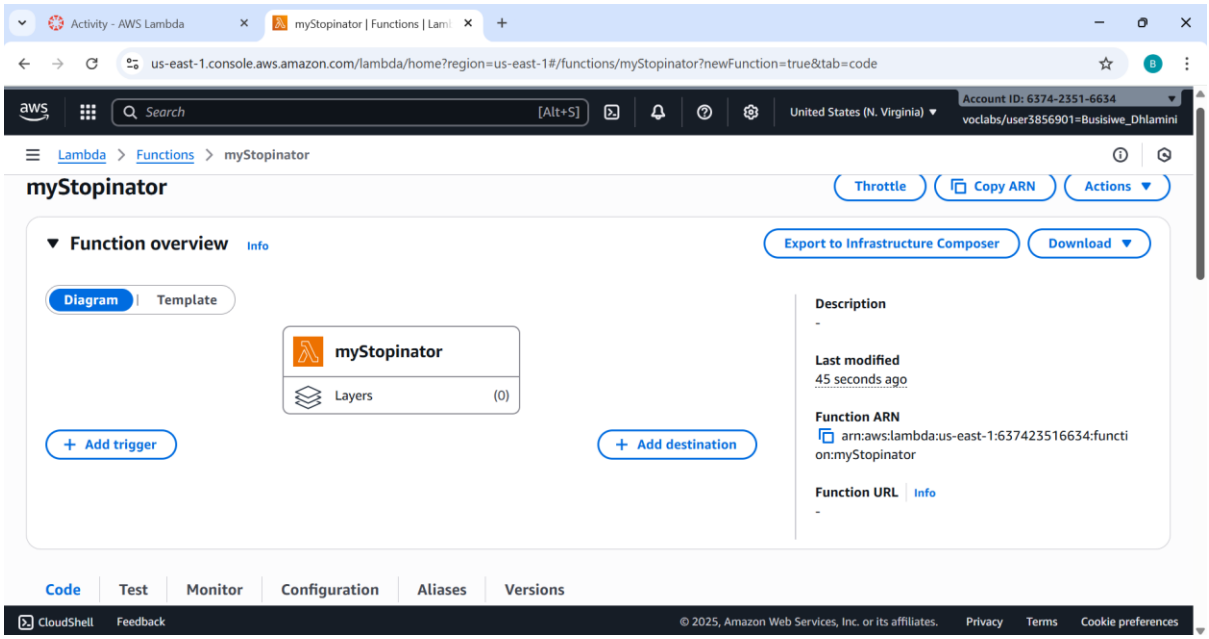
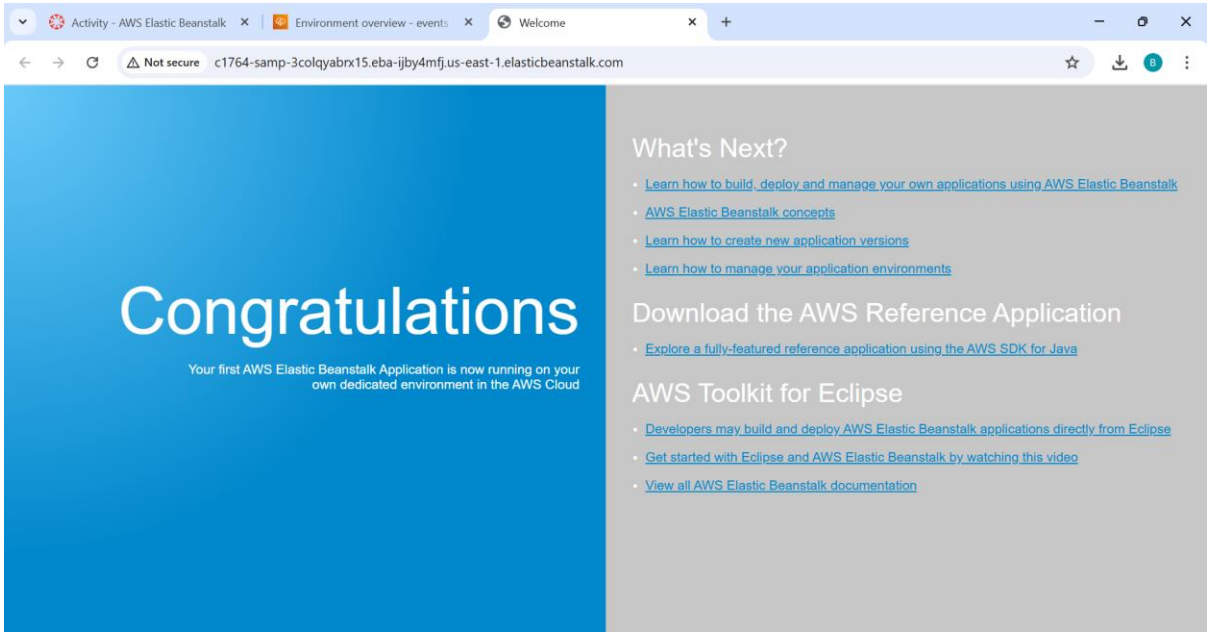


Activity: AWS Elastic Beanstalk

Task 1: Access the Elastic Beanstalk environment

Task 2: Deploy a sample application to Elastic Beanstalk

Task 3: Explore the AWS Resources that support your application



Lab 4: Working with EBS

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Task 1: Create a New EBS Volume

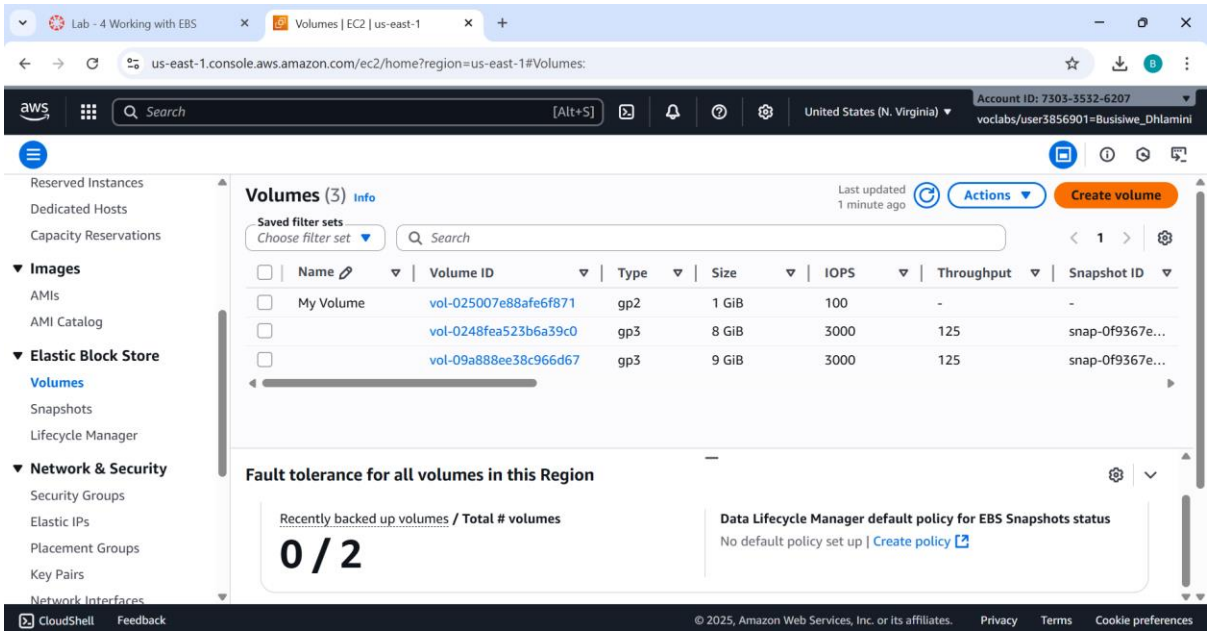
Task 2: Attach the Volume to an Instance

Task 3: Connect to Your Amazon EC2 Instance

Task 4: Create & Configure Your File System

Task 5: Create the Amazon EBS Snapshot

Task 6: Restore the Amazon EBS Snapshot



Lab 5: Build Your DB Server and Interact with Your DB Using an App

Task 1: Create a Security Group for the RDS DB Instance

Task 2: Create a DB Subnet Group

Task 3: Create an Amazon RDS DB Instance

Task 4: Interact with Your Database

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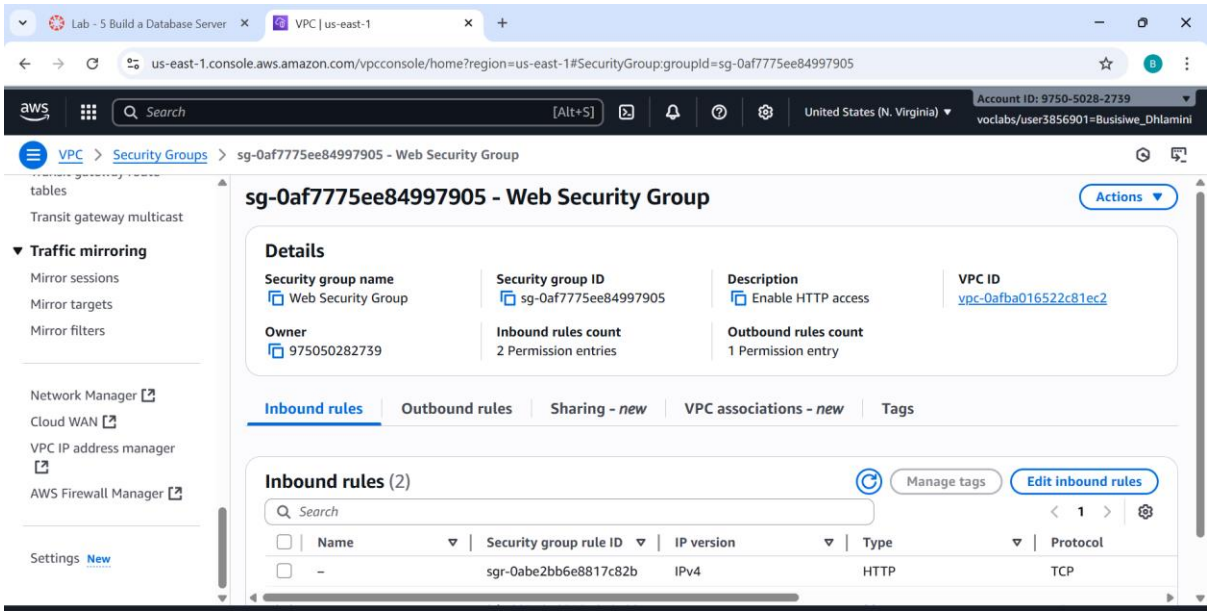

Lab 6: Scale and Load Balance Your Architecture

Task 1: Create an AMI for Auto Scaling

Task 2: Create a Load Balancer

Task 3: Create a Launch Template & an Auto Scaling Group

Task 4: Verify that Load Balancing is working

Task 5: Test Auto Scaling

Task 6: Terminate Web Server 1