

LOGBOOK

Lab 1: Introduction to AWS IAM

Task 1: Explore the Users and Groups

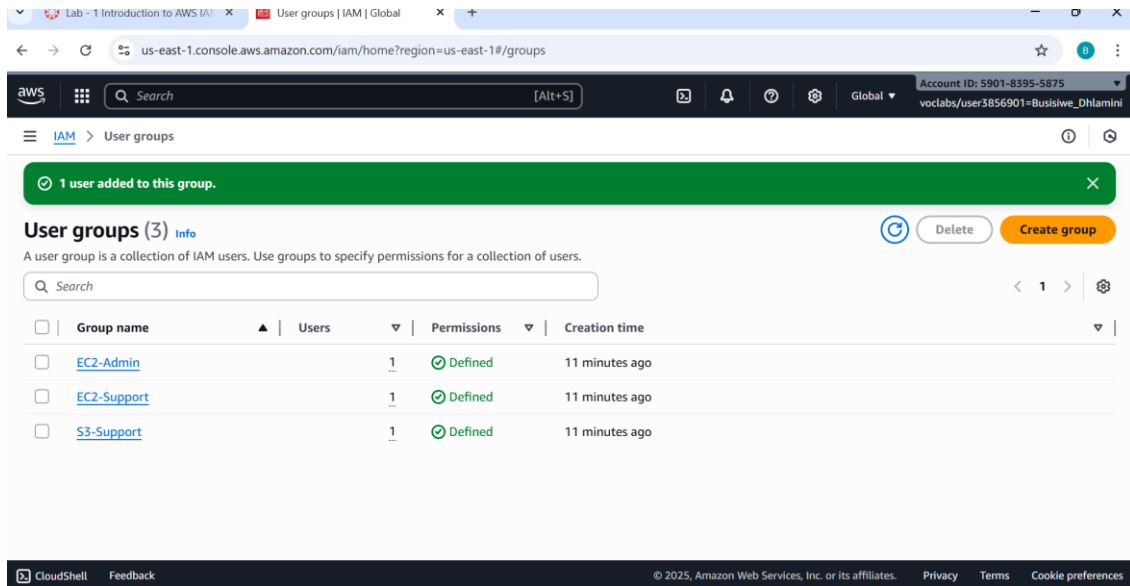
Task 2: Add Users to Groups

Task 3: Sign-In and Test Users

The screenshot shows the AWS IAM console interface. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, User groups, Roles, Policies, Identity providers, Account settings, and Root access management. The main content area is titled 'Users (4)' and includes a search bar and a table of users. The table has columns for User name, Path, Group, Last activity, MFA, and Password age. The users listed are 'awsstudent', 'user-1', 'user-2', and 'user-3'. The 'awsstudent' user has 'Access denied' status in all categories. The other three users have '6 minutes' for password age and no MFA.

User name	Path	Group	Last activity	MFA	Password age
awsstudent	/	...	-	-	6 minutes
user-1	/spl66/	1	-	-	6 minutes
user-2	/spl66/	1	-	-	6 minutes
user-3	/spl66/	1	-	-	6 minutes

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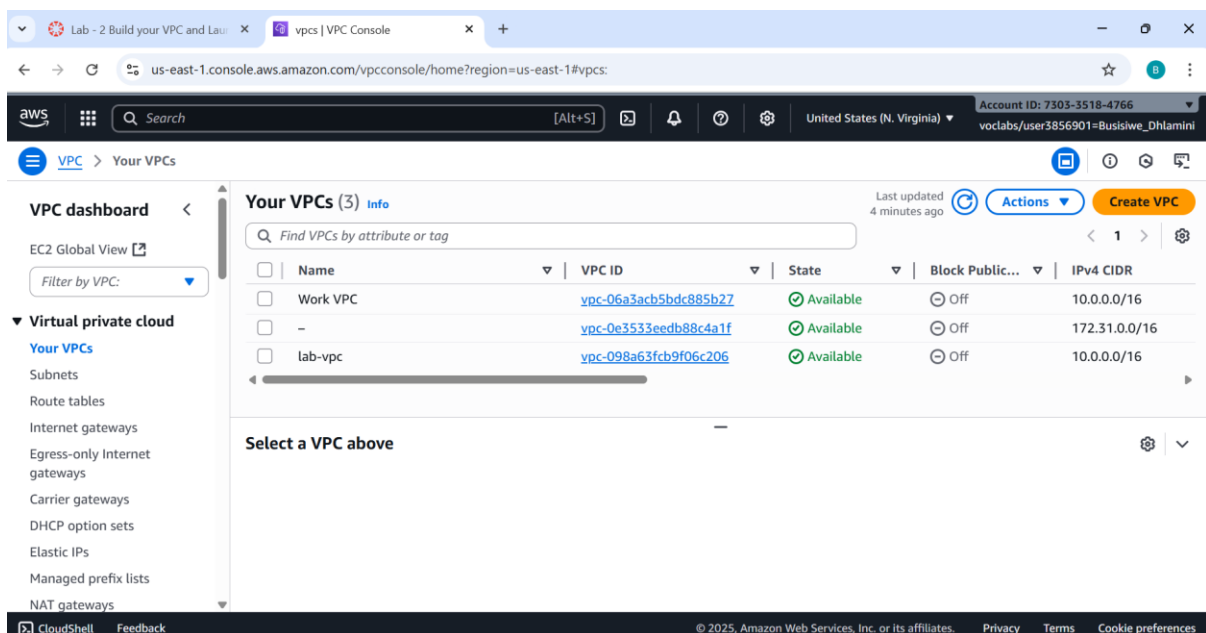
Lab 2: Build your VPC and Launch a Web Server

Task 1: Create your VPC

Task 2: Create Additional Subnets

Task 3: Create a VPC Security Group

Task 4: Launch a Web Server Instance



Lab 3: Introduction to Amazon EC2

Task 1: Launch Your Amazon EC2 Instance

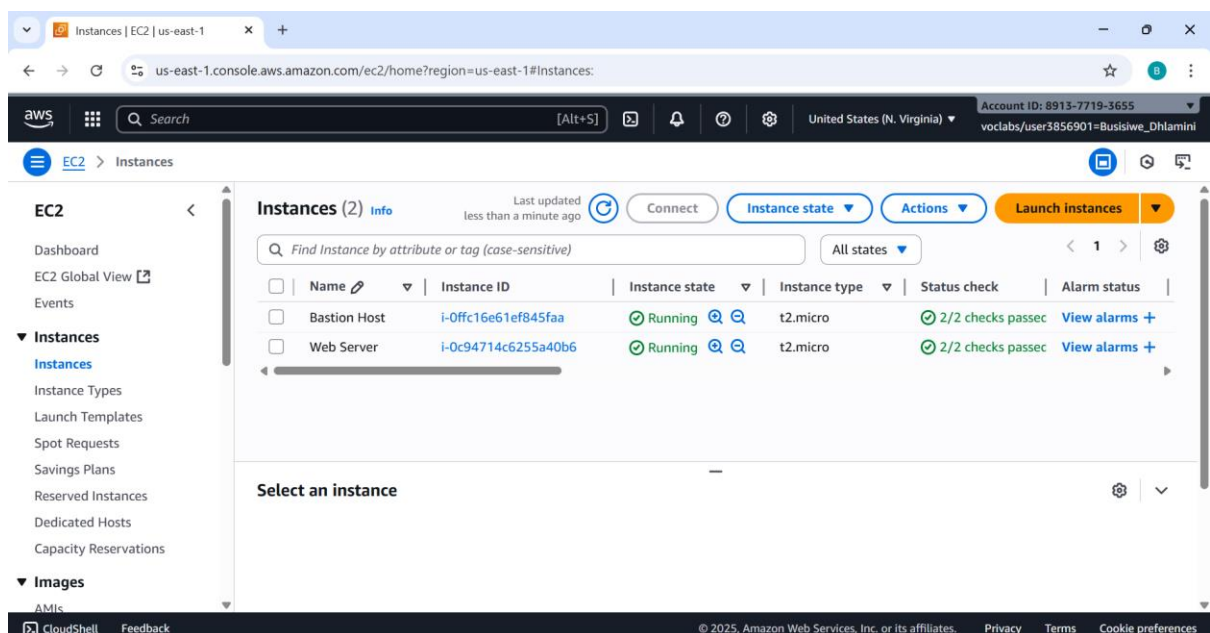
Task 2: Monitor Your Instance

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

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

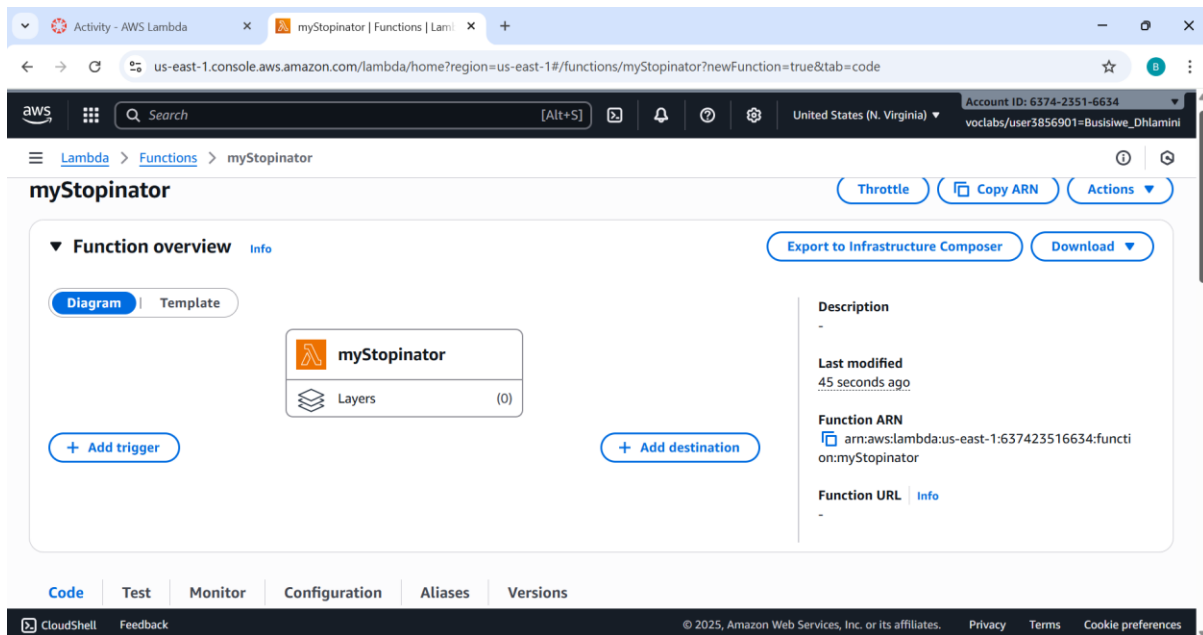
Task 5: Explore EC2 Limits

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

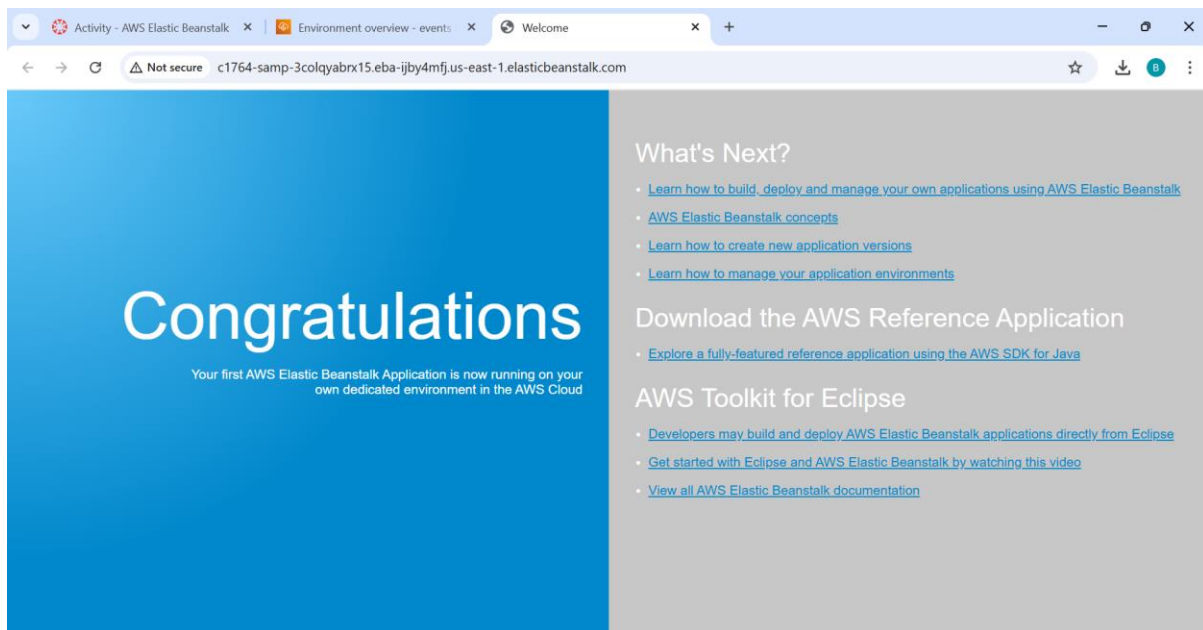


Activity: AWS Elastic Beanstalk

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

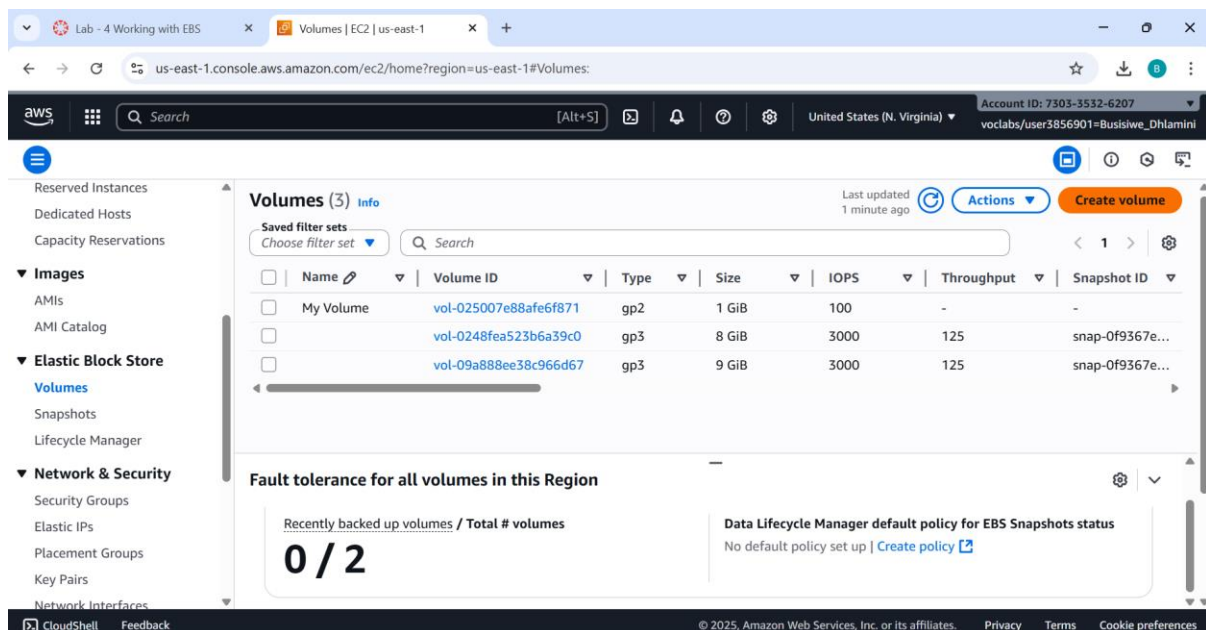
Task 2: Attach the Volume to an Instance

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



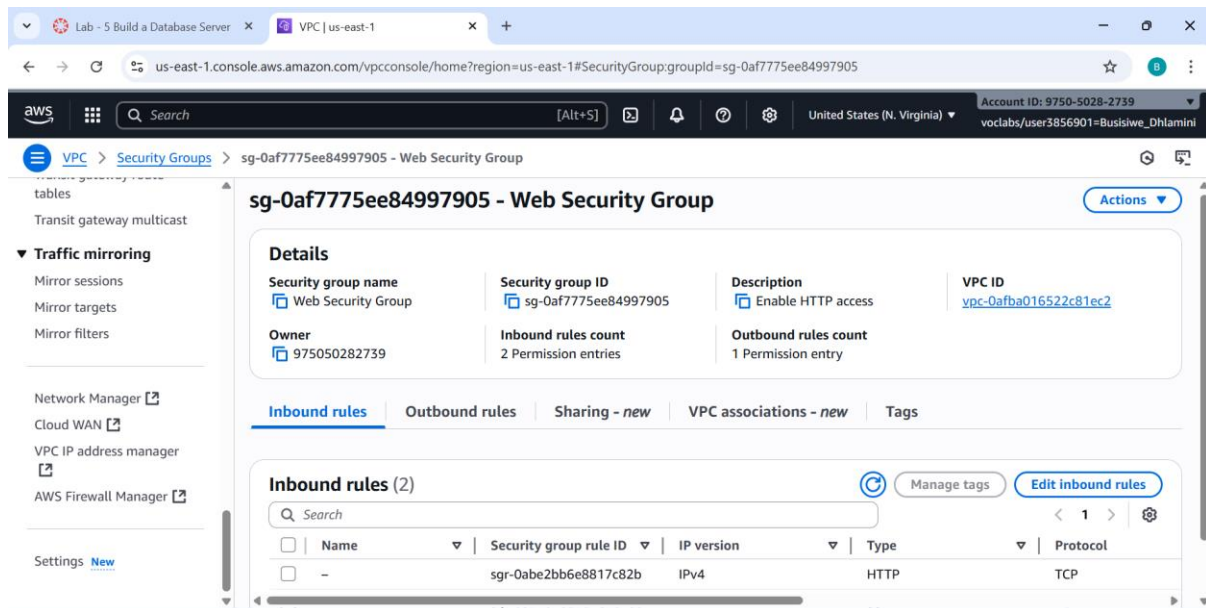
Lab 5: Build Your DB Server and Interact with Your DB Using an App

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



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

