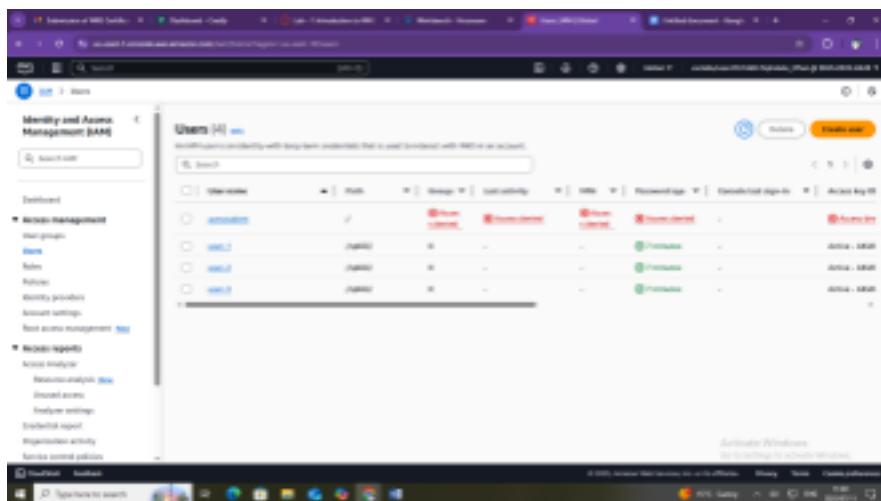


## LOGBOOKS

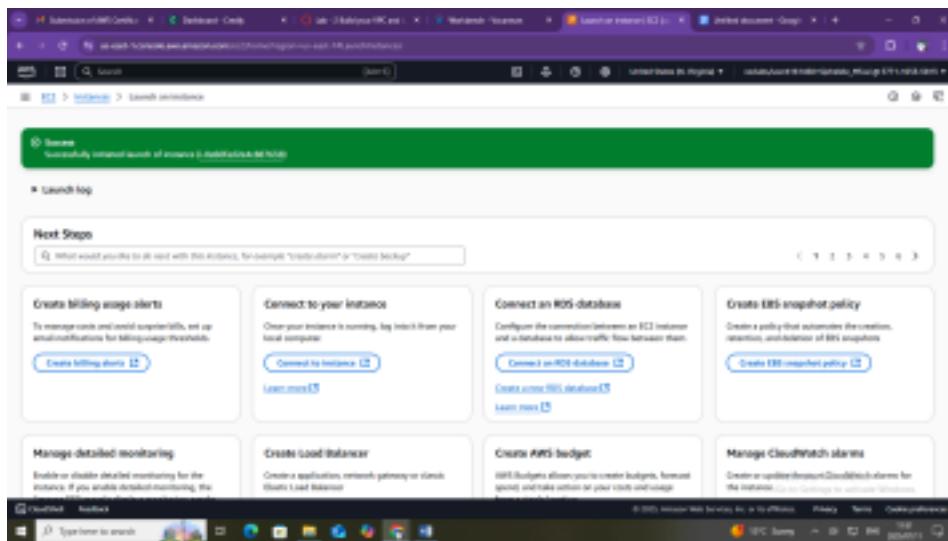
### Lab 1: Introduction to AWS IAM

- Exploring users and groups
- Add users to groups
- Sign-in and test users



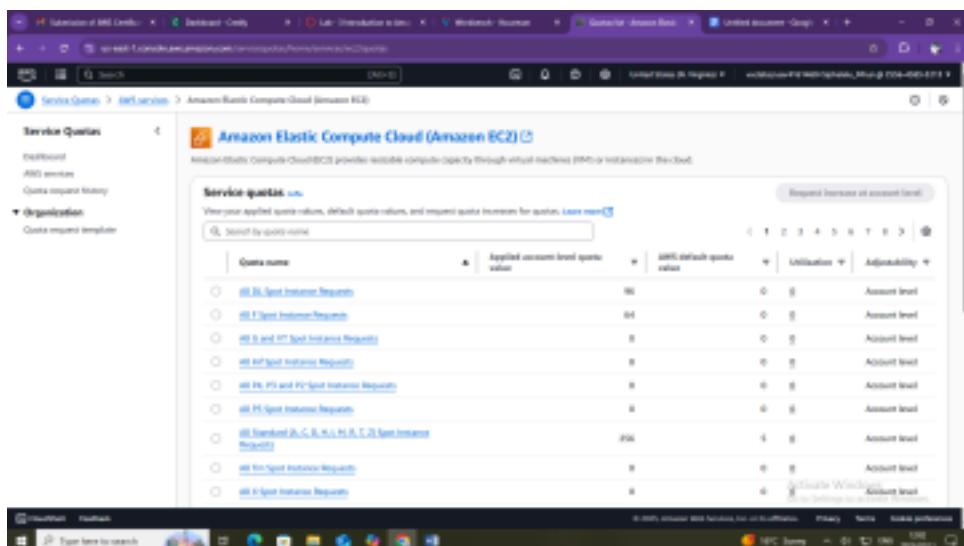
### Lab 2: Build your VPC and Launch a Web Server - Create Your VPC

- Create Additional Subnets
- Create a VPC Security Groups
- Launch a Web Server Instance



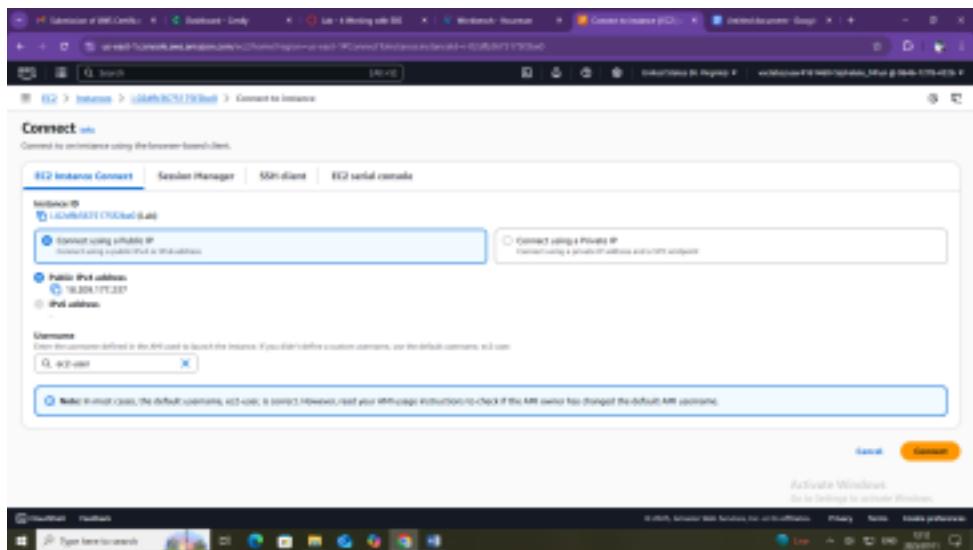
## Lab 3: Introduction to Amazon EC2

- Launch Your Amazon EC2 Instance
  - Monitor Your Instance
  - Update Your Security Group and Access the Web Server
  - Receive Your Instance: Instance Type and EBS Volume
  - Explore EC2 Limits
  - Test Stop Protection



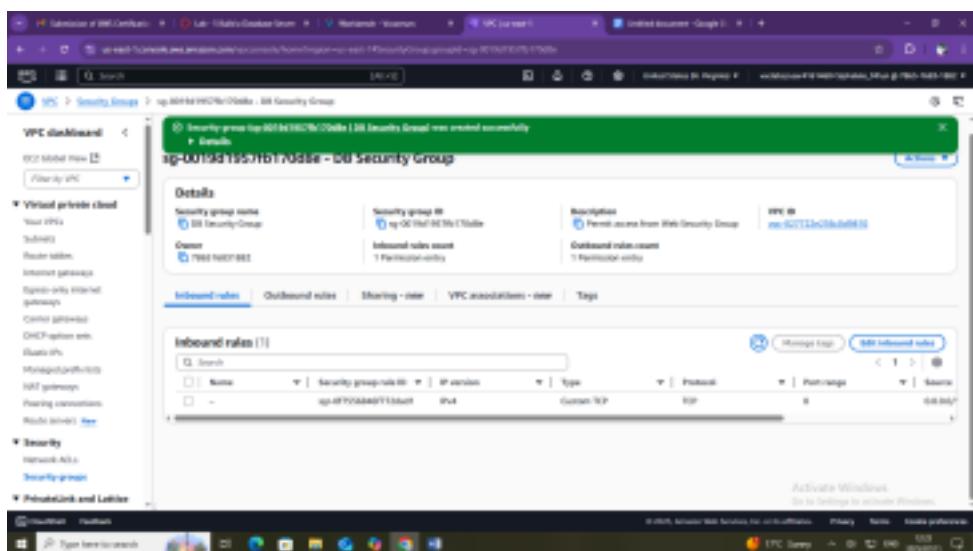
## Lab 4: Working with EBS

- Create a New EBS Volume
  - Attach a Volume to an I instance
  - Connect To Your Amazon EC2 Instance
  - Create and Configure Your File System
  - Create an Amazon EBS Snapshot
  - Restore the Amazon EBS Snapshot



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

- Create a Security Group for the RDS DB Instance
- Create DB Subnet Group
- Create an Amazon RDS DB Instance
- Interact with Your Database



## Lab 6: Scale and Load Balance Your Architecture

- Create an AMI For Auto Scaling
  - Create a Load Balancer
  - Create a Launch Template and an Auto Scaling Group
  - Verify that Load Balancing is Working
  - Test Auto Scaling
  - Terminate Web Server 1

The screenshot shows the AWS CloudWatch Metrics console. On the left, there's a sidebar with navigation links like 'Metrics', 'Metrics Insights', 'Metrics Dashboards', 'Metrics Data Sources', 'Metrics Metrics', and 'Metrics Metrics Insights'. The main area has tabs for 'Metrics Insights' and 'Metrics Metrics'. Below the tabs, there's a search bar and a table with columns: 'Metric Name', 'Dimensions', 'Time Range', 'Series Count', and 'Last Update'. One row in the table is highlighted.

## Elastic Beanstalk

The screenshot shows the AWS Elastic Beanstalk console. The top navigation bar includes links for 'Activity', 'AWS Lambda', 'VPC', 'VivinoSearch - VivinoSearch', 'Instances | EC2 (us-east-1)', and 'Welcome'. The main content area displays the 'Instances' section of the Elastic Beanstalk interface. It shows two instances: 'Web Server 1' and 'Web Server 2'. Both instances are listed as 'Running' with green status indicators. The 'Details' tab is selected. On the right side, there are sections for 'Public IP address' (130.11.193.193), 'Private IP address' (10.10.0.81), and 'Actions' (Activate Windows). At the bottom, there are tabs for 'Overview', 'Feedback', and a search bar.

## Activity: AWS Lambda

The screenshot shows the AWS Lambda console with the 'Add triggers' page open. The browser tab is titled 'Activity - AWS Lambda'. The main content area is titled 'EventBridge (CloudWatch Events)' and shows a list of triggers: 'aws', 'asynchronous', 'schedule', and 'management-tools'. A 'Rule' section allows creating a new rule or selecting existing ones. The 'Create a new rule' option is selected. The 'Rule name' field contains 'everyMinute'. The 'Rule description' field is empty. The 'Rule type' section shows 'Schedule expression' is selected, with a note about self-triggering using cron expressions. The 'Schedule expression' field contains 'e.g. rate(1 day), cron(0 17 ? \* MON-FRI \*)'. A note at the bottom states 'Lambda will add the necessary permissions for Amazon EventBridge (CloudWatch Events) to invoke your Lambda function from this trigger.' The browser status bar shows 'Account ID: 1036-5025-6983' and 'voclabs/user4161460-Siphatele\_Mfusi'. The bottom of the screen shows a Windows taskbar with icons for CloudShell, Feedback, and various system tools.