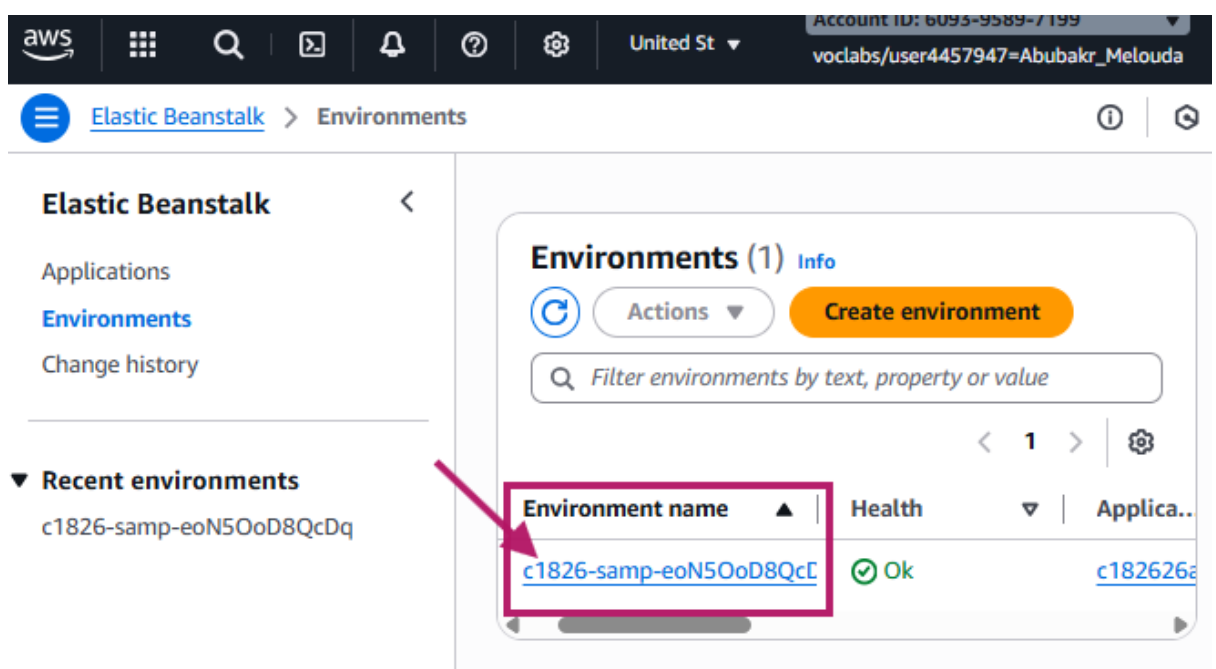
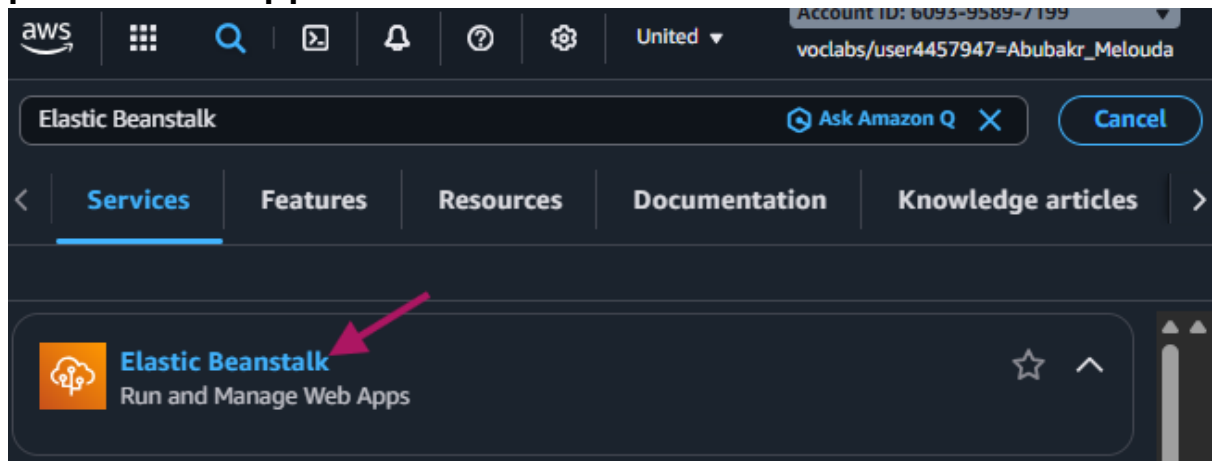
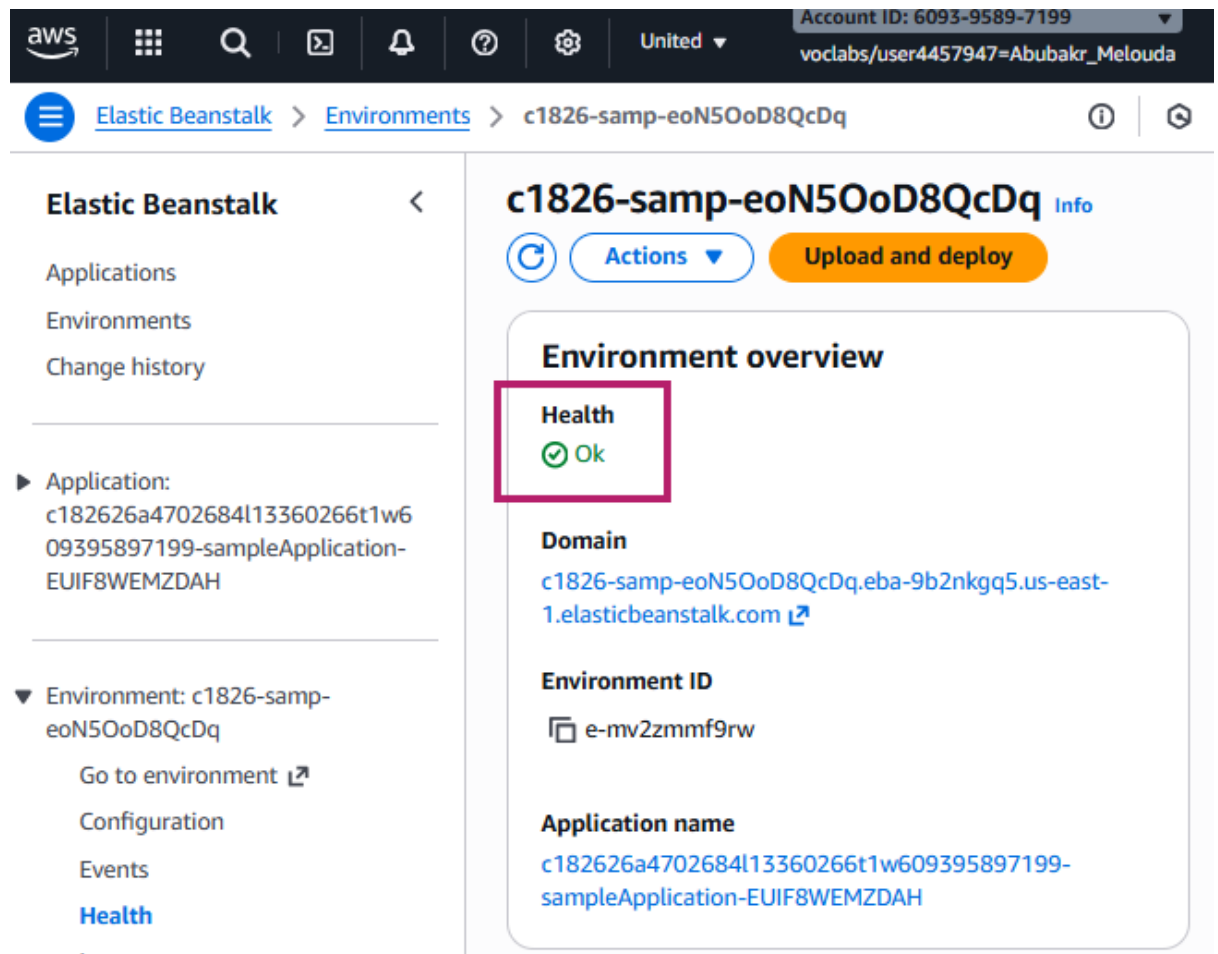


## (Module 6 Lab Activity - AWS Elastic Beanstalk)

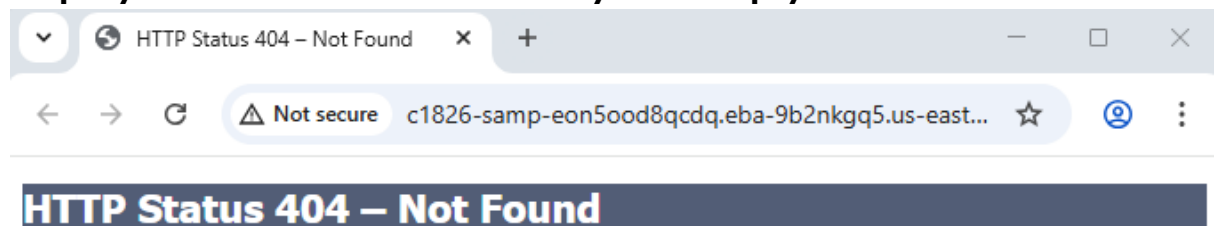
- Screenshot Elastic Beanstalk environment overview showing pre-created application"



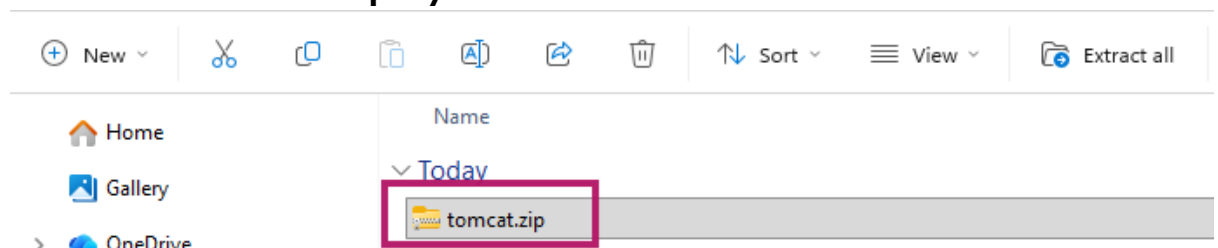
- Screenshot Elastic Beanstalk environment dashboard showing healthy status



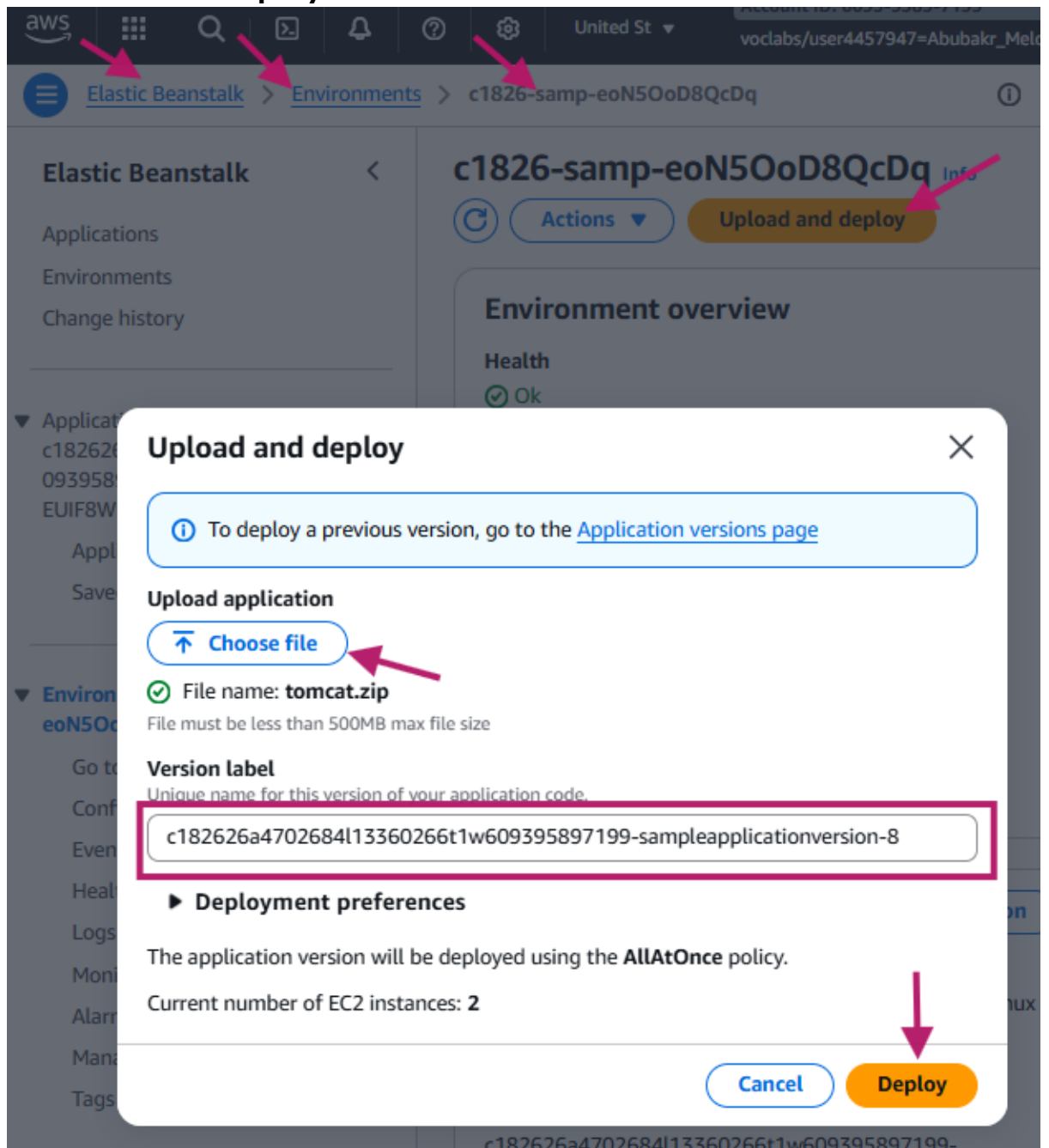
- Screenshot expected 404 error before application deployment - environment ready but empty

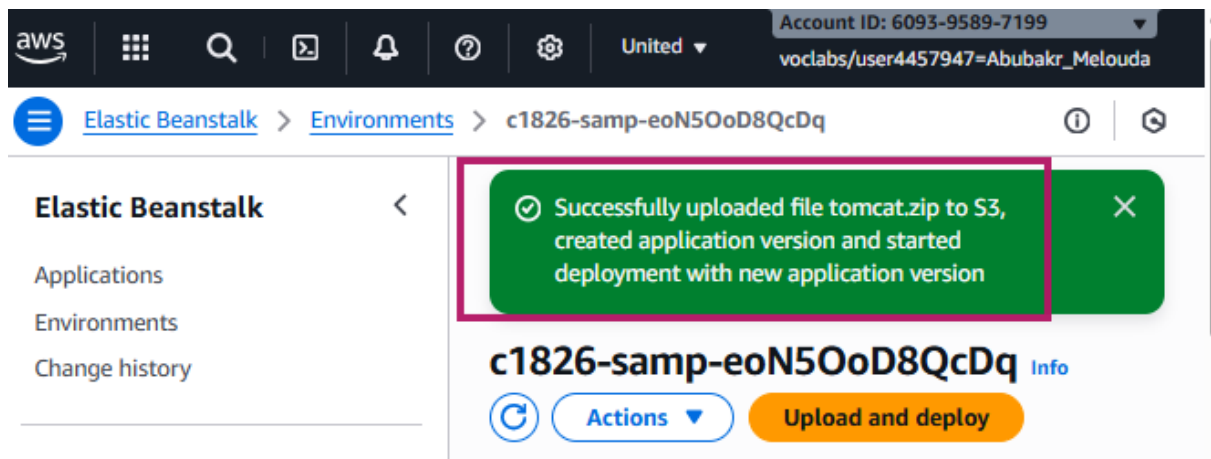


- Screenshot sample Tomcat application downloaded for Elastic Beanstalk deployment

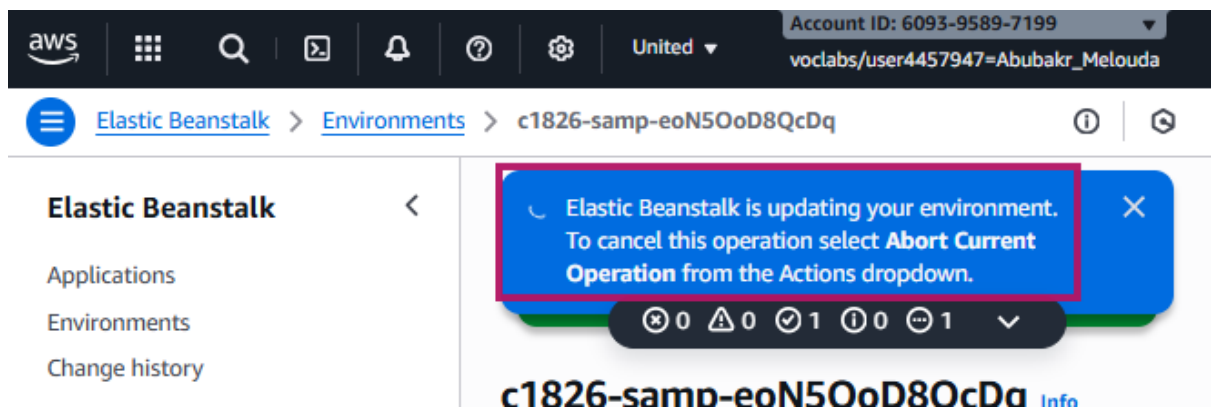


- Screenshot uploading Tomcat application to Elastic Beanstalk for deployment

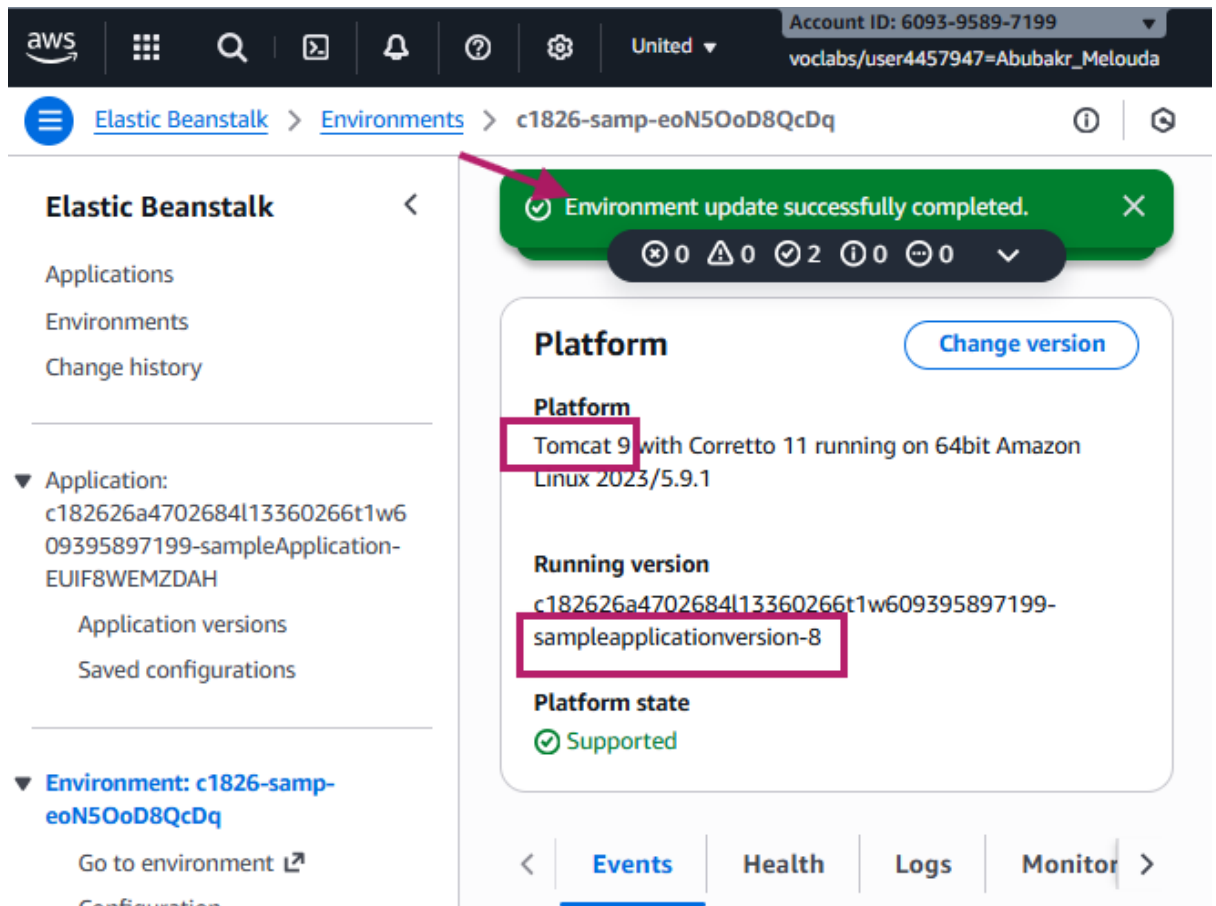




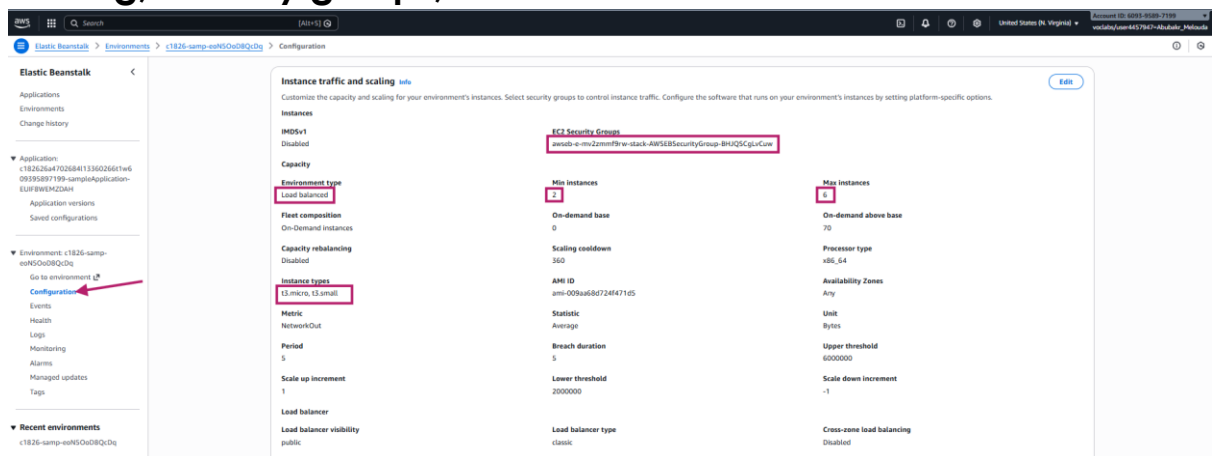
- Screenshot Elastic Beanstalk deploying application - shows version update progress



- Screenshot Tomcat application successfully deployed and running on Elastic Beanstalk



- Screenshot Elastic Beanstalk configuration showing auto-scaling, security groups, and instance details



- Screenshot Elastic Beanstalk database configuration options - shows easy RDS integration

The screenshot shows the AWS Elastic Beanstalk Configuration console. The top navigation bar includes the AWS logo, a search icon, a document icon, a notification bell, a help icon, a settings gear, and the region 'United States (N. Virginia)'. The account ID '6093-9589-7199' and user 'voclabs/user4457947=Abubakr\_Melouda' are displayed on the right. The breadcrumb trail shows 'Elastic Beanstalk > Environments > c1826-samp-eoN5OoD8QcDg > Configuration'. The main heading is 'Configure networking and database' with an 'Info' link. The 'Instance settings' section explains choosing a subnet and mentions public IP addresses. The 'VPC' section has a dropdown menu and a 'Create VPC' button. The 'Public IP address' section has an 'Enable' checkbox. The 'Instance subnets' section has a search bar and a table with columns: Availability Zone, Subnet, CIDR, and Name. It shows 'No instance subnets' and 'No instance subnets to display'. The 'Database' section has an 'Enable database' checkbox, which is highlighted with a red box. At the bottom are 'Cancel', 'Continue', and 'Apply' buttons.

**Configure networking and database** [Info](#)

**Instance settings**

Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. [Learn more](#)

**VPC**

Launch your environment in a custom VPC instead of the default VPC. You can create a VPC and subnets in the VPC management console. [Learn more](#)

– [Create VPC](#)

**Public IP address**

Assign a public IP address to the Amazon EC2 instances in your environment.

☐ Enable

**Instance subnets**

Filter instance subnets

Availability Zone	Subnet	CIDR	Name
No instance subnets			
No instance subnets to display			

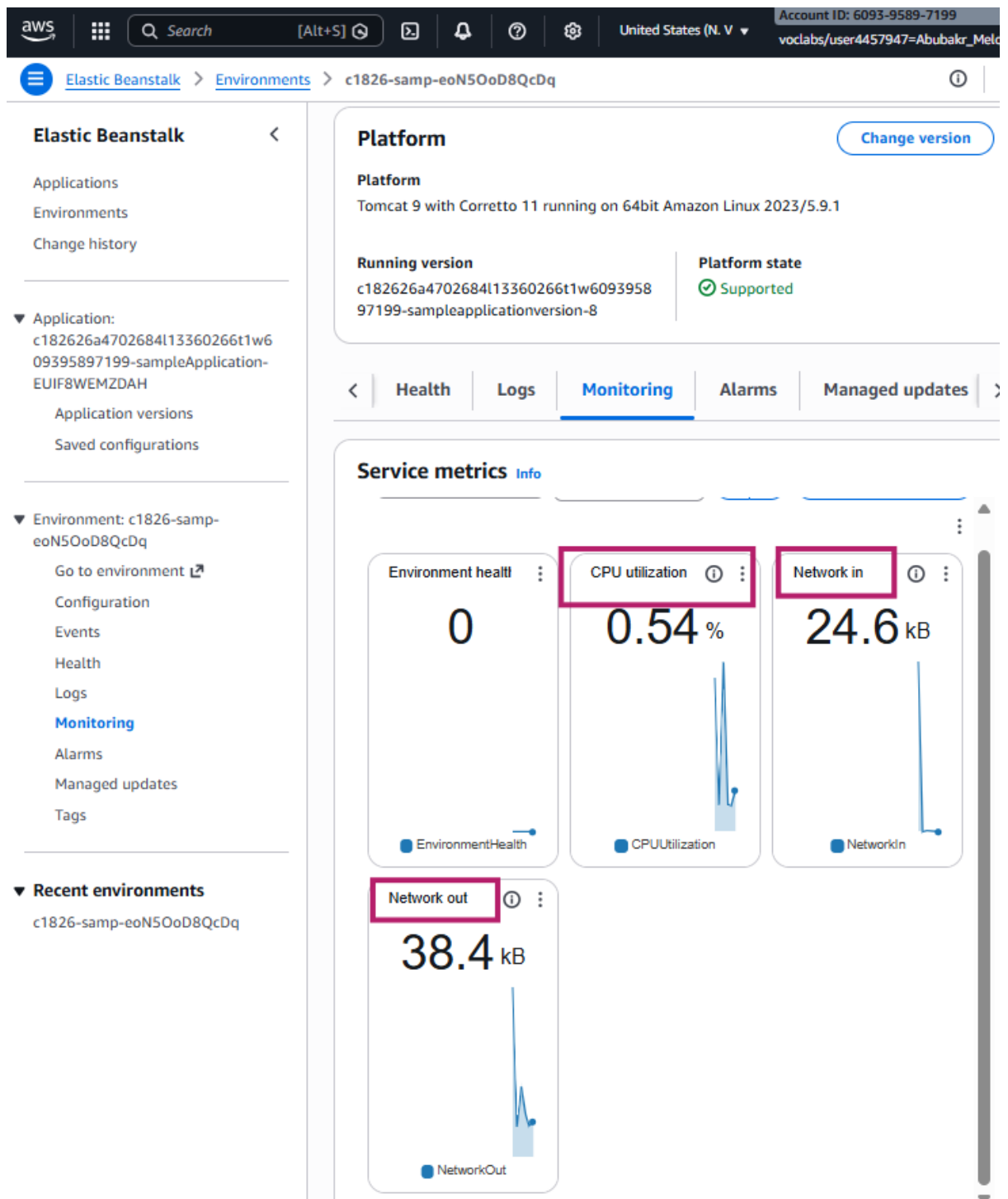
**Database** [Info](#)

Integrate an RDS SQL database with your environment. [Learn more](#)

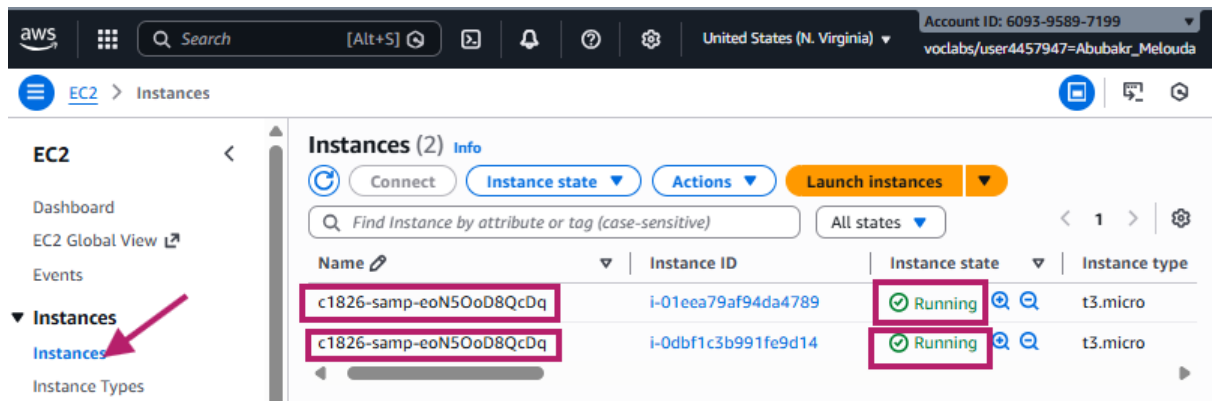
☐ Enable database

[Cancel](#) [Continue](#) [Apply](#)

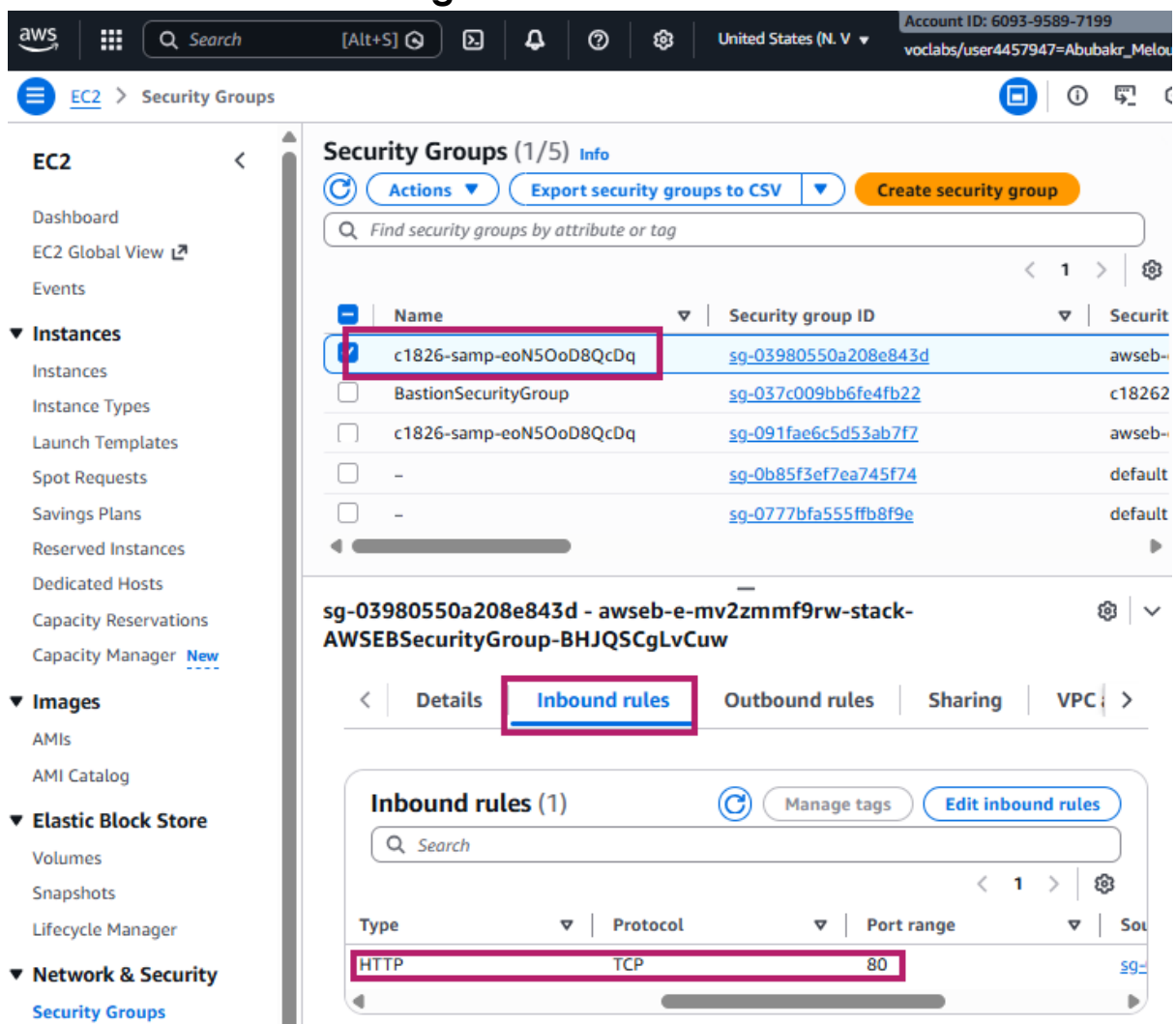
- Screenshot Elastic Beanstalk monitoring dashboard showing application metrics



- Screenshot EC2 instances automatically created by Elastic Beanstalk for the application



- Screenshot security group automatically configured by Elastic Beanstalk allowing HTTP traffic



- Screenshot Elastic Load Balancer automatically created by Elastic Beanstalk for traffic distribution



The screenshot displays the AWS Management Console interface for the 'Load balancers' section. The left-hand navigation pane shows the 'EC2' category with various options. Under 'Load Balancing', the 'Load Balancers' link is highlighted with a red arrow. The main content area shows a table of load balancers with one entry, 'awseb-e-m-AWSEBLoa-NN009632T9SK', which is highlighted with a red box. Below the table, the 'Details' tab is selected, showing information about the load balancer type, scheme, VPC, availability zones, and DNS name.

Name	State	Type	Scheme
awseb-e-m-AWSEBLoa-NN009632T9SK	-	classic	-

**Load balancer: awseb-e-m-AWSEBLoa-NN009632T9SK**

**Details**

- Load balancer type:** Classic
- Status:** 2 of 2 instances in service
- Scheme:** Internet-facing
- Hosted zone:** Z35SXDOTRQ7X7K
- VPC:** [vpc-09166d8076c71a7a3](#)
- Date created:** January 1, 2026, 23:52 (UTC+00:00)
- Availability Zones:**
  - [subnet-0954b2d76a9708dc0](#) us-east-1c (use1-az4)
  - [subnet-07edf42303c784c69](#) us-east-1a (use1-az1)
  - [subnet-0326ed0ae5a4dce46](#) us-east-1b (use1-az2)
- DNS name:** [awseb-e-m-AWSEBLoa-NN009632T9SK-1268619794.us-east-1.elb.amazonaws.com](#) (A Record)

- Screenshot auto scaling group managing instance count based on load (2-6 instances)

aws

Search

[Alt+S]

United States (N. Virginia)

Account ID: 6093-9589-7199

voclabs/user4457947--Abubakr\_Melou

EC2

Auto Scaling groups

Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IP

Auto Scaling groups (1/1)

Last updated less than a minute ago

Launch configurations

Launch templates

Actions

Create Auto Scaling group

Search your Auto Scaling groups

<input checked="" type="checkbox"/>	Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones	
<input checked="" type="checkbox"/>	<a href="#">awseb-e-mv2zmmf9rw-stack-AWSEBAutoScalingGroup-RkxjrjeMYyC8</a>	<a href="#">AWSEBEC2LaunchTemplate_4CuxSLqmbD</a>	2	-	2	2	6	3 Availability Zones	T...

Auto Scaling group: awseb-e-mv2zmmf9rw-stack-AWSEBAutoScalingGroup-RkxjrjeMYyC8

DetailsIntegrationsAutomatic scalingInstance managementInstance refreshActivityMonitoringTags - moved

awseb-e-mv2zmmf9rw-stack-AWSEBAutoScalingGroup-RkxjrjeMYyC8 Capacity overview

arn:aws:autoscaling:us-east-1:609395897199:autoScalingGroup:b0382606-19ca-4f2d-ad99-de0dbbdee87c:autoScalingGroupName/awseb-e-mv2zmmf9rw-stack-AWSEBAutoScalingGroup-RkxjrjeMYyC8

Desired capacity2

Scaling limits2 - 6

Desired capacity typeUnits (number of instances)

Status-