# MODULE 3

## ASSIGNMENT 1

## Module-3: ELB Assignment - 1

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You have been asked to:

1. Create a Classic Load Balancer and register 3 EC2 instances with different web pages running in them
2. Migrate the Classic Load Balancer into an Application Load Balancer

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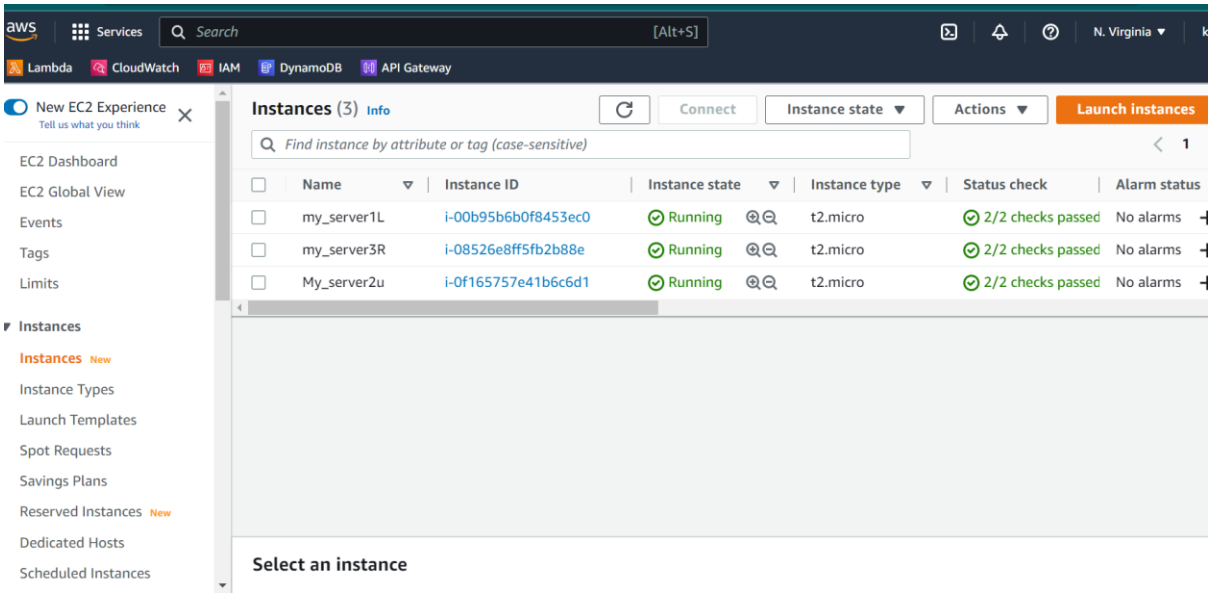
1. Created 3 instances with redhat,linux,ubuntu




# Welcome to nginx!

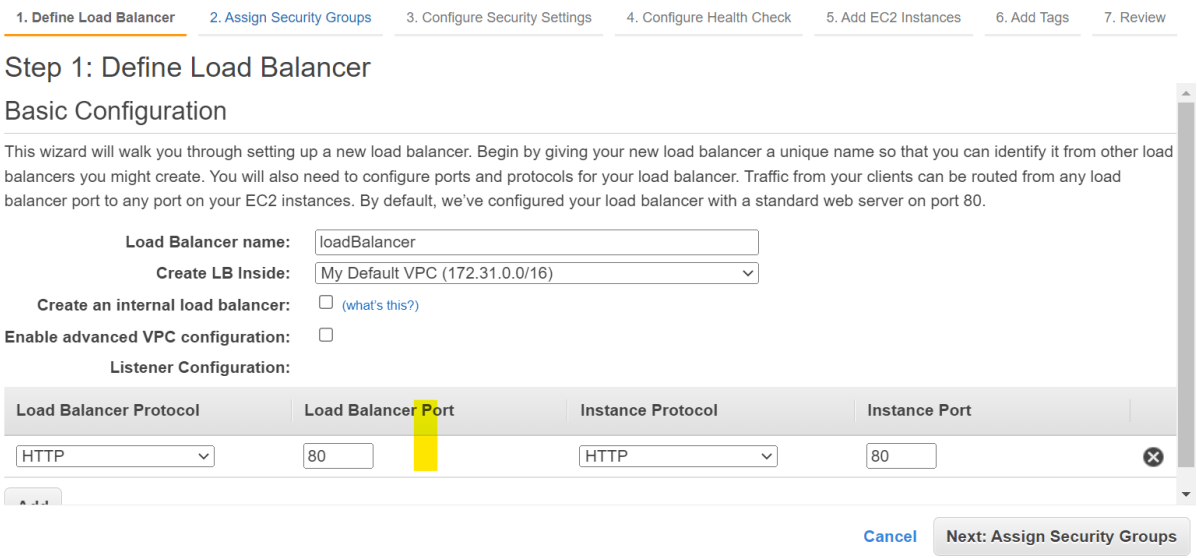
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

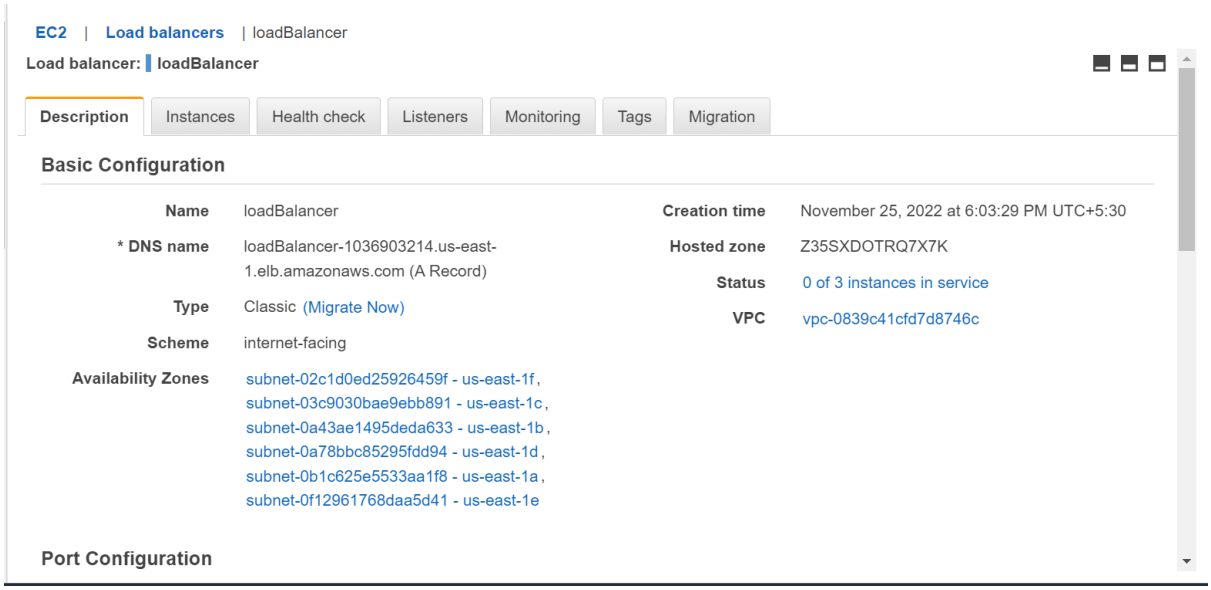
*Thank you for using nginx.*

➔ Default page of the AMI


hi team

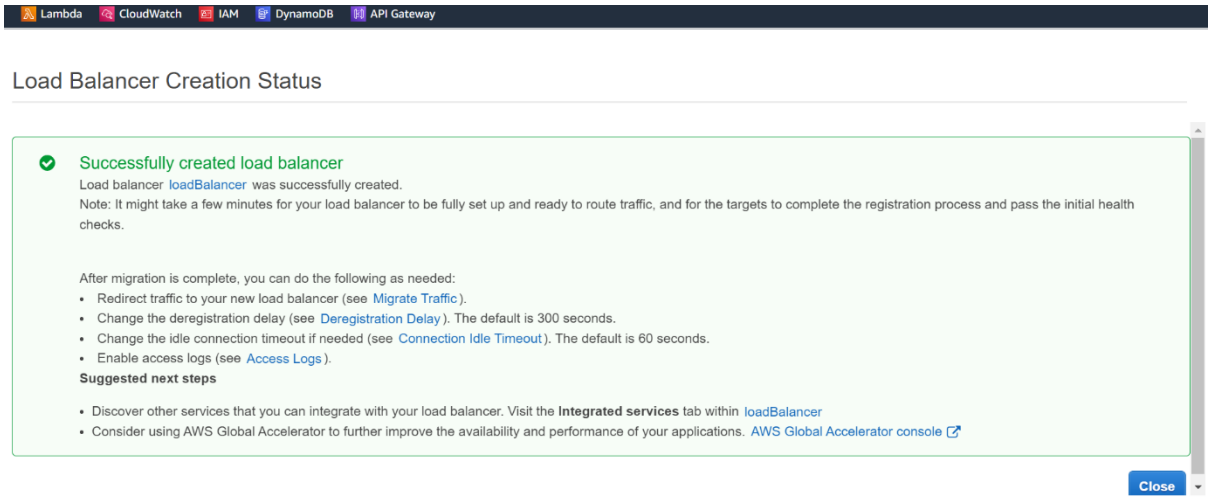



➔ Created Load Balancer




➔ Migrated to Application Load Balancer

➔ **As the Classic load balancer is retired, created an Application load balancer for this assignment.**




# ASSIGNMENT 2

## Module-2: Auto Scaling Assignment - 2

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You have been asked to:

1. Create a Web Server AMI with Apache 2 server running in it
2. Create a Launch Configuration with this AMI
3. Use this Launch Configuration to create an Auto Scaling group with 1 minimum and 3 maximum instances

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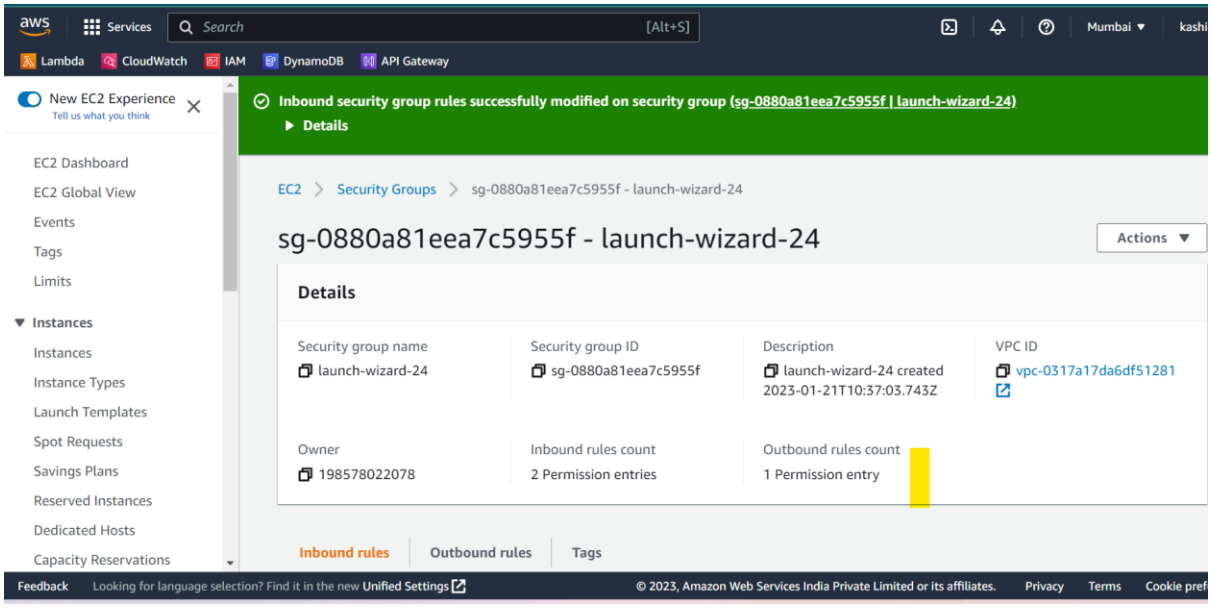
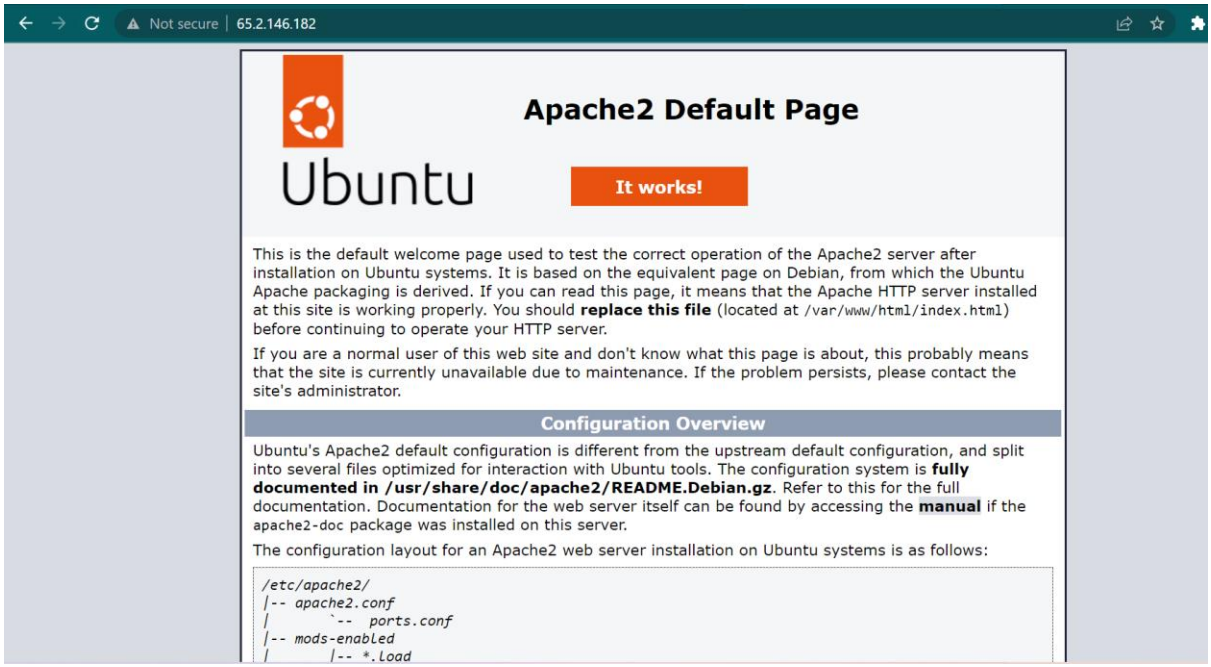
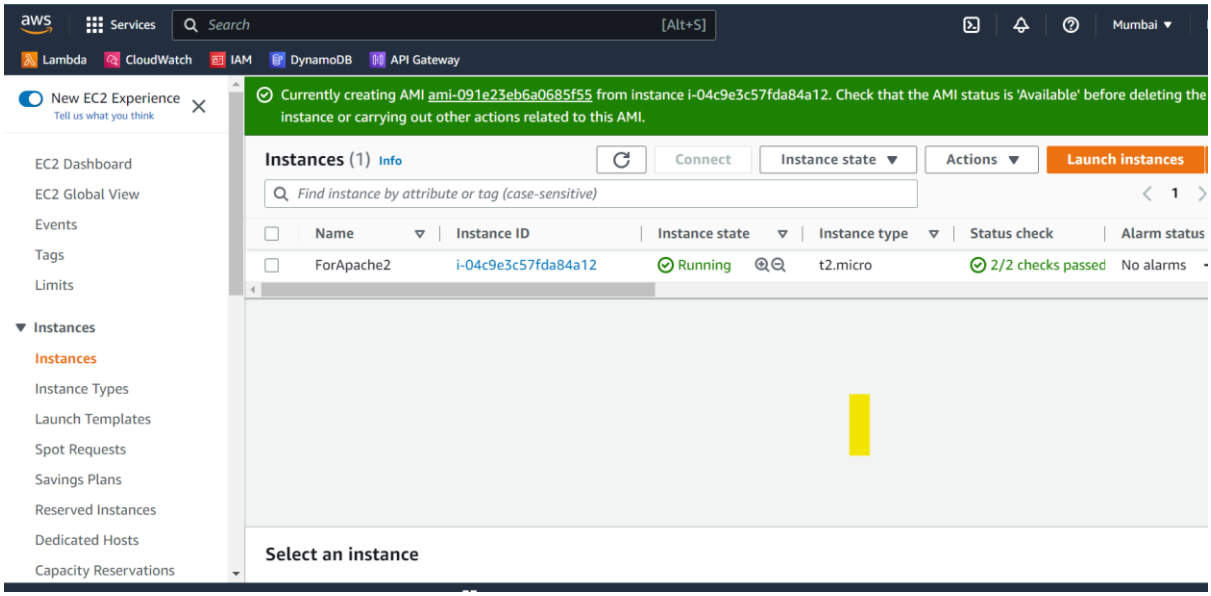


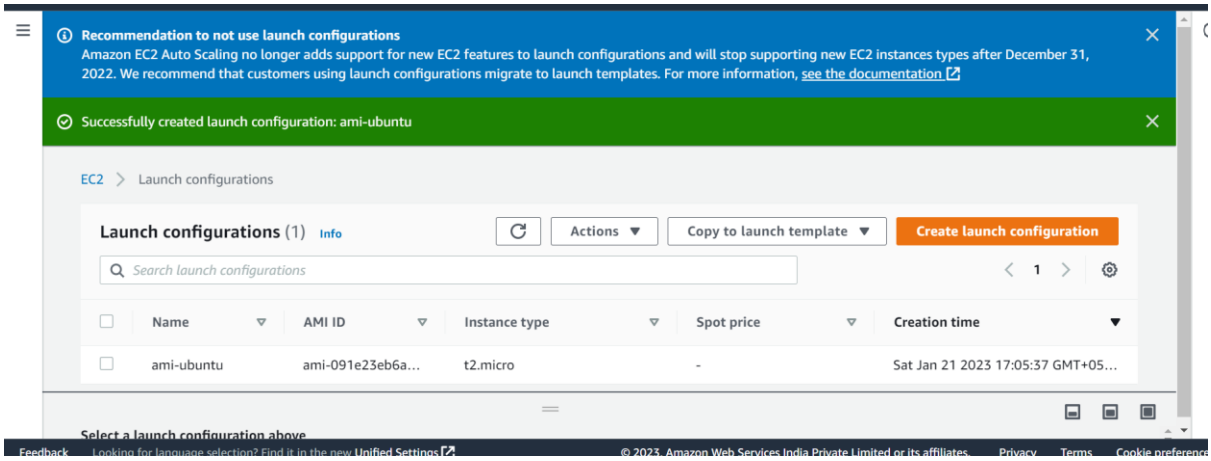

➔ Set up ec2 and security group



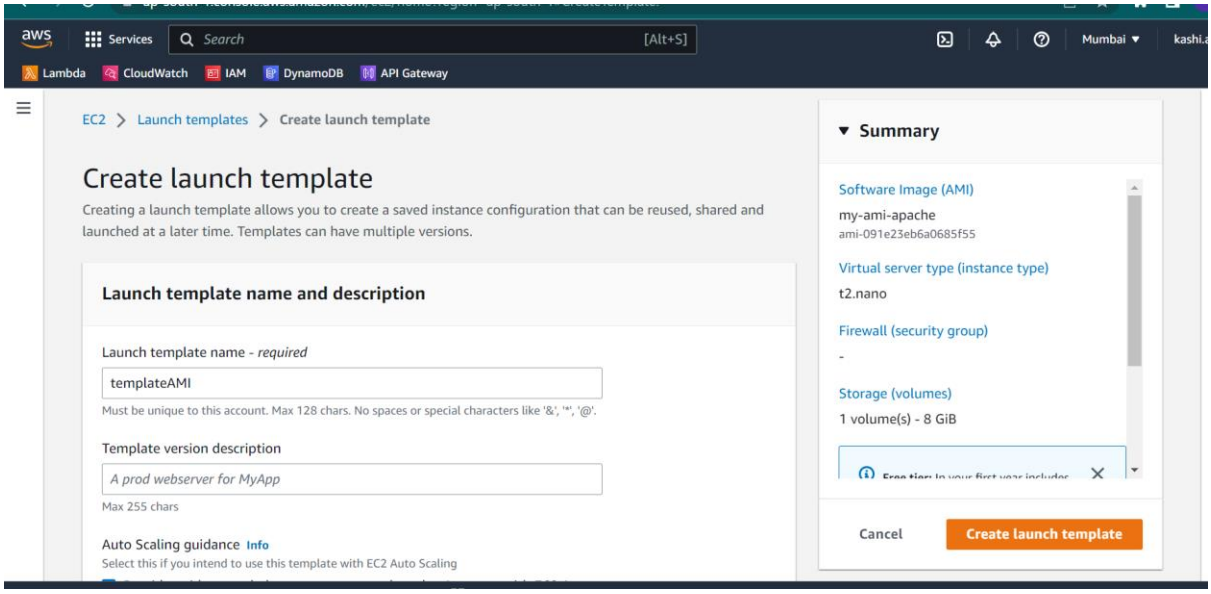

➔ Installed Apache 2 on server

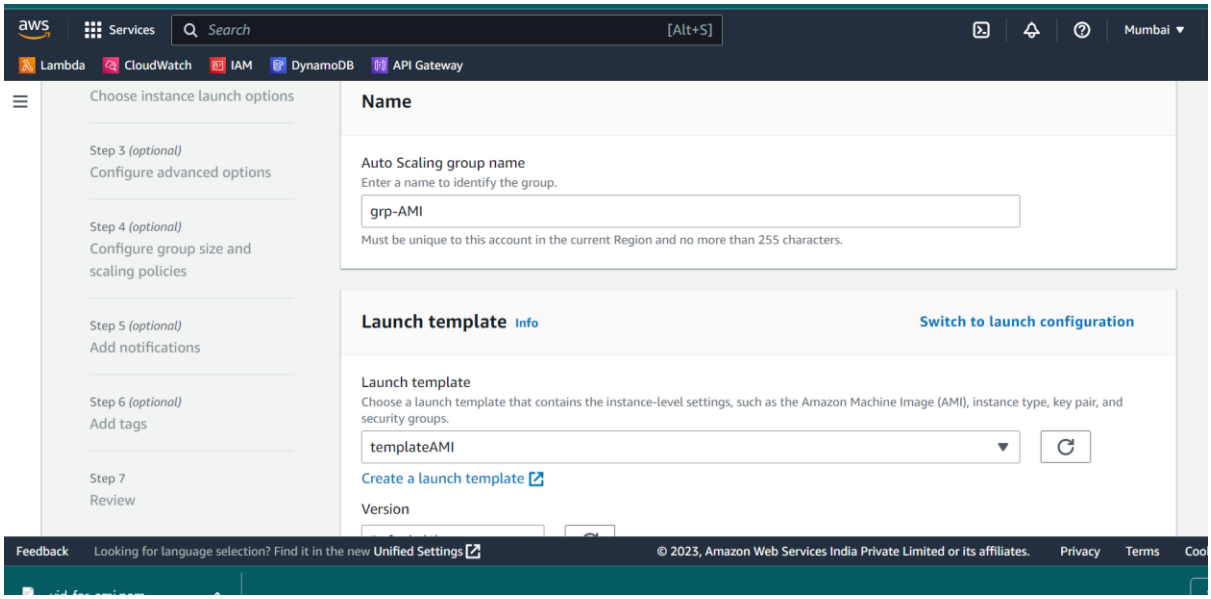



➔ Created AMI from Instance

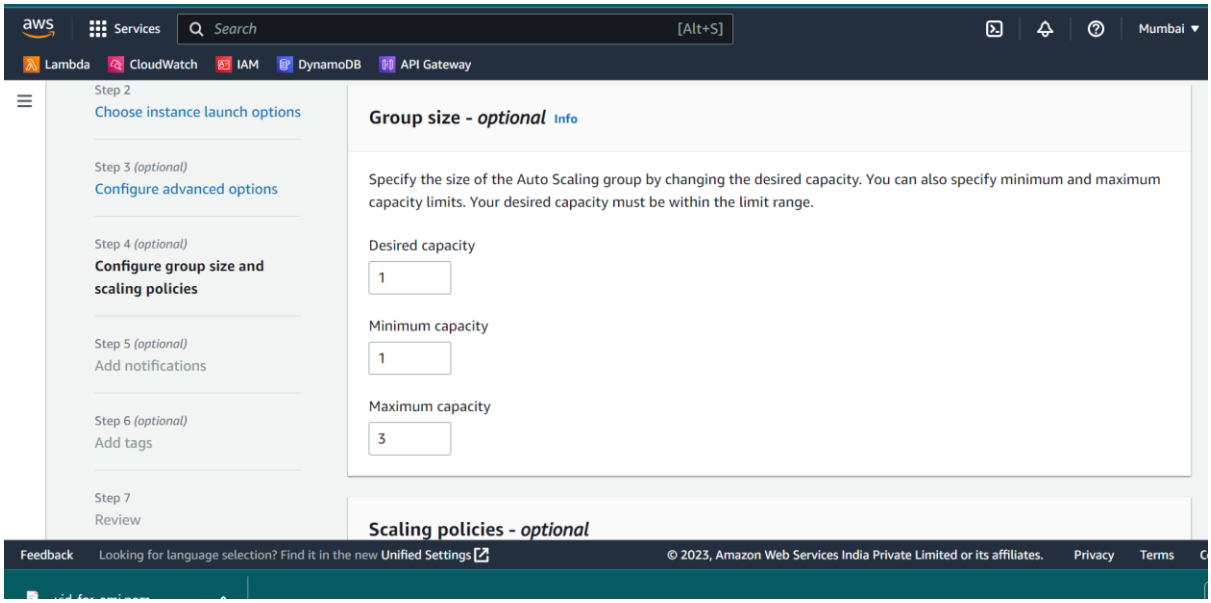



➔ As Auto scaling does not support launch configuration for ec2 have used launch template






➔ Created Auto-scaling Group with min capacity 1 and max capacity 3



# ASSIGNMENT 3

## Module-3: Route 53 Assignment - 3

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You have been asked to:

1. Use the Route 53 Hosted Zone created in the Assignment
2. Route the traffic to an EC2 instance with an Apache web server running in it using it's IP address

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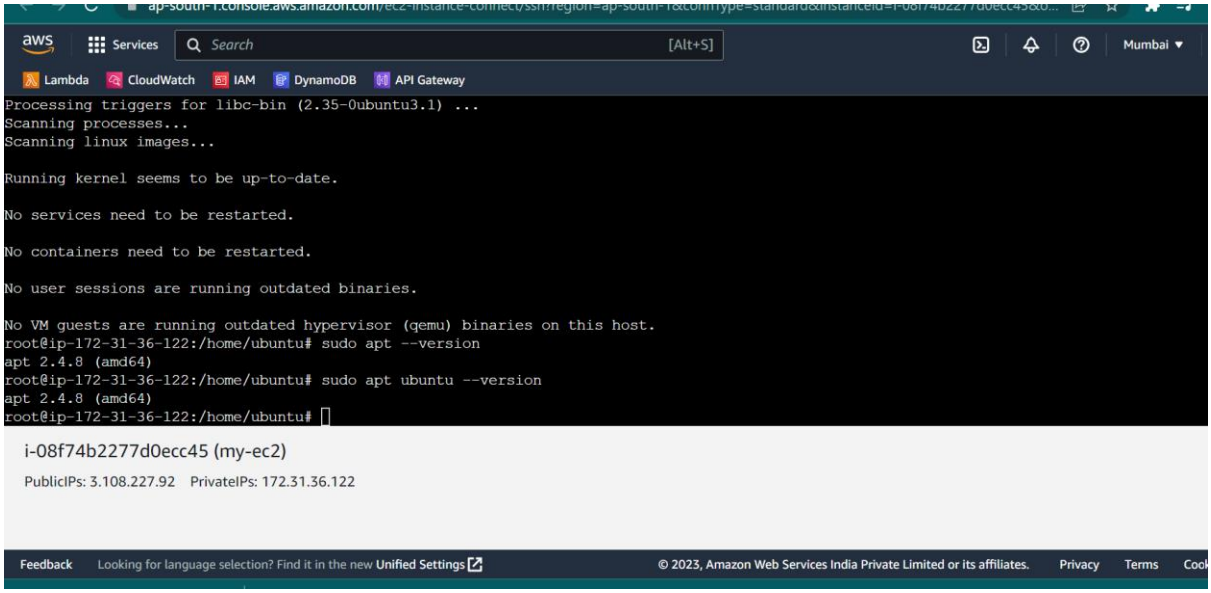
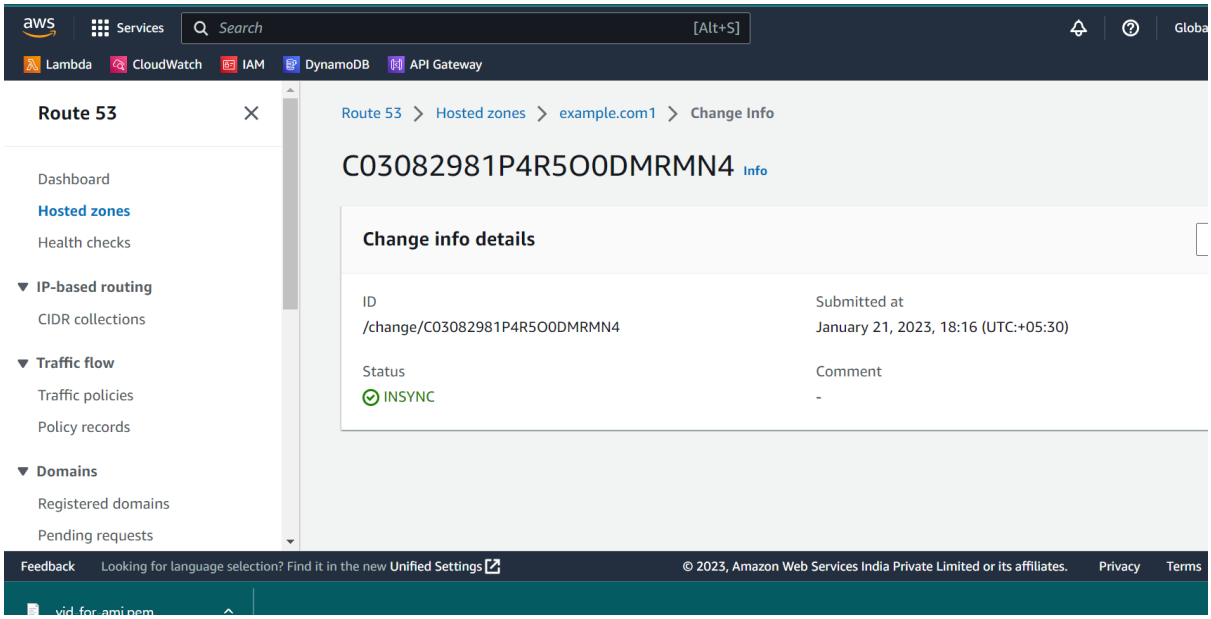
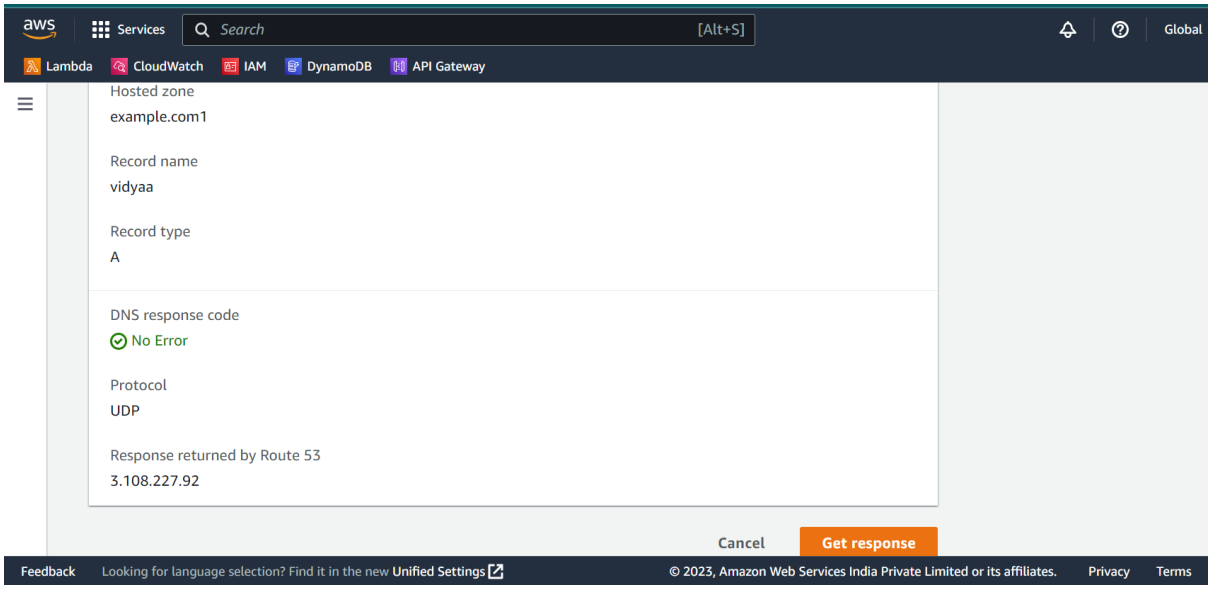
➔ Created ec2 instance with apache 2 on it




➔ Saved public ip




➔ Created record named vidya under zone example.com




➔ Got response from ec2 IP