Project-2-—-Website-Orchestration-2

Problem Statement:

How to orchestrate a website with lesser time and higher availability along with Auto Scaling.

Topics:

In this AWS project, you have to deploy a high-availability PHP application with an external Amazon RDS database to Elastic Beanstalk. Running a DB instance external to Elastic Beanstalk decouples the database from the lifecycle of your environment. This lets you connect to the same database from multiple environments, swap one database for another, or perform a blue/green deployment without affecting your database.

Highlights:

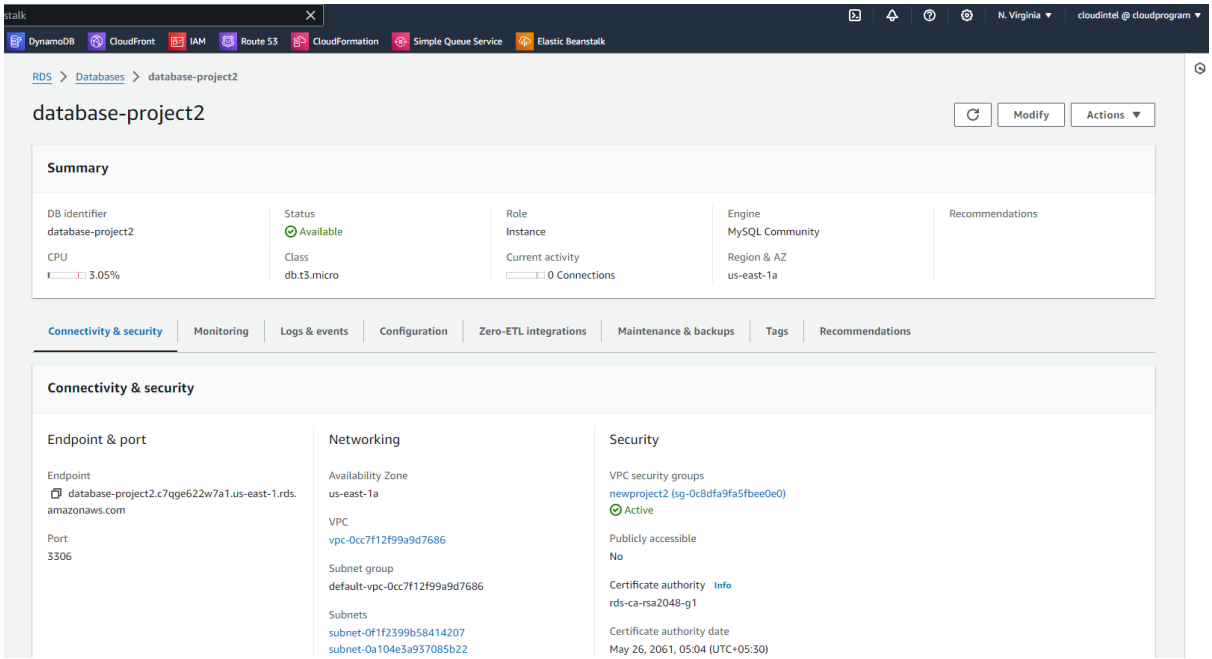
Launch a DB instance in Amazon RDS

Create an Elastic Beanstalk Environment

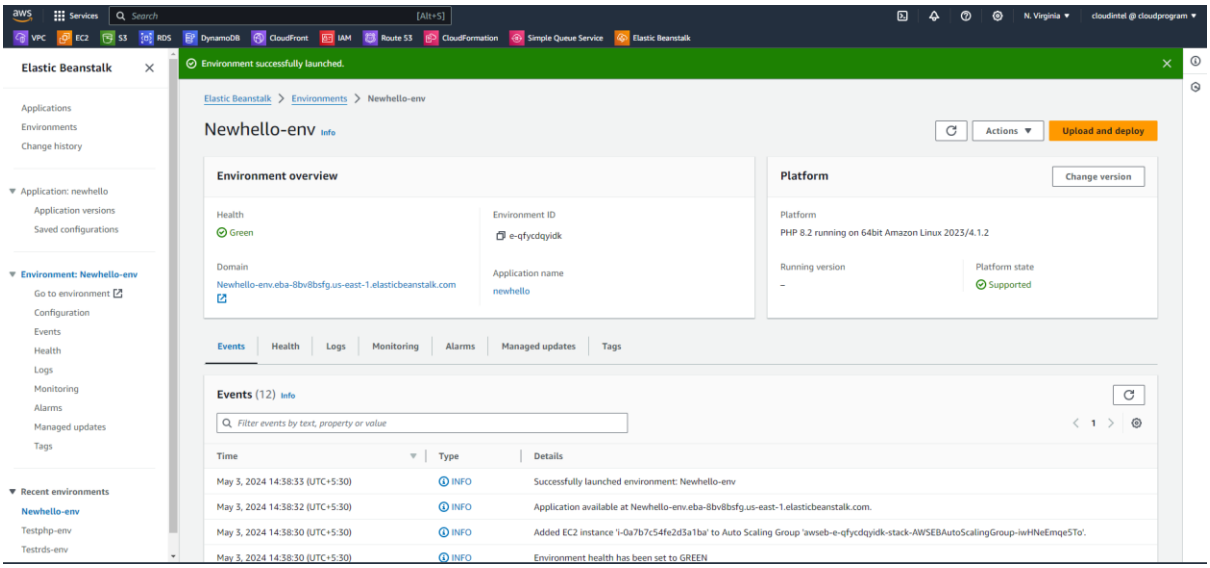
Configure Security Groups and Scaling

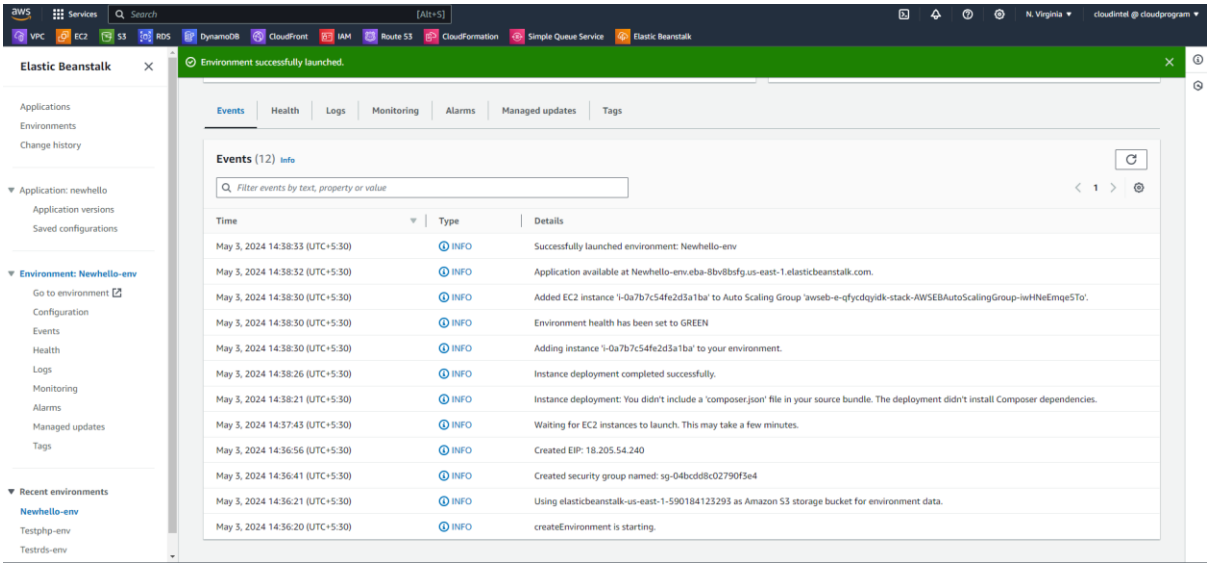
SOLUTION:

1. RDS Instance created

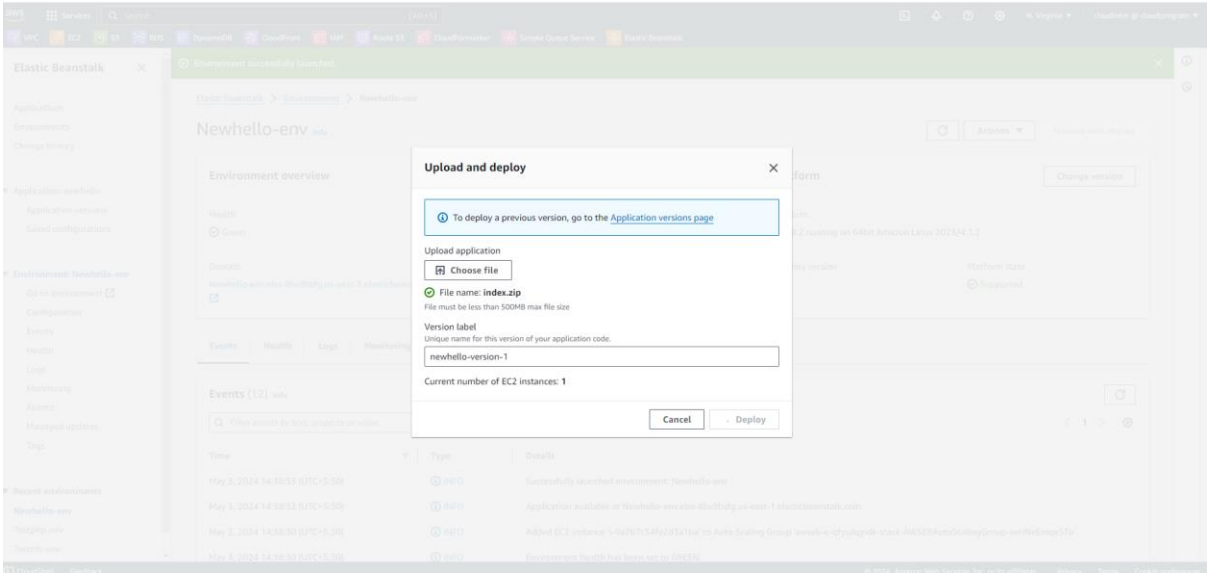


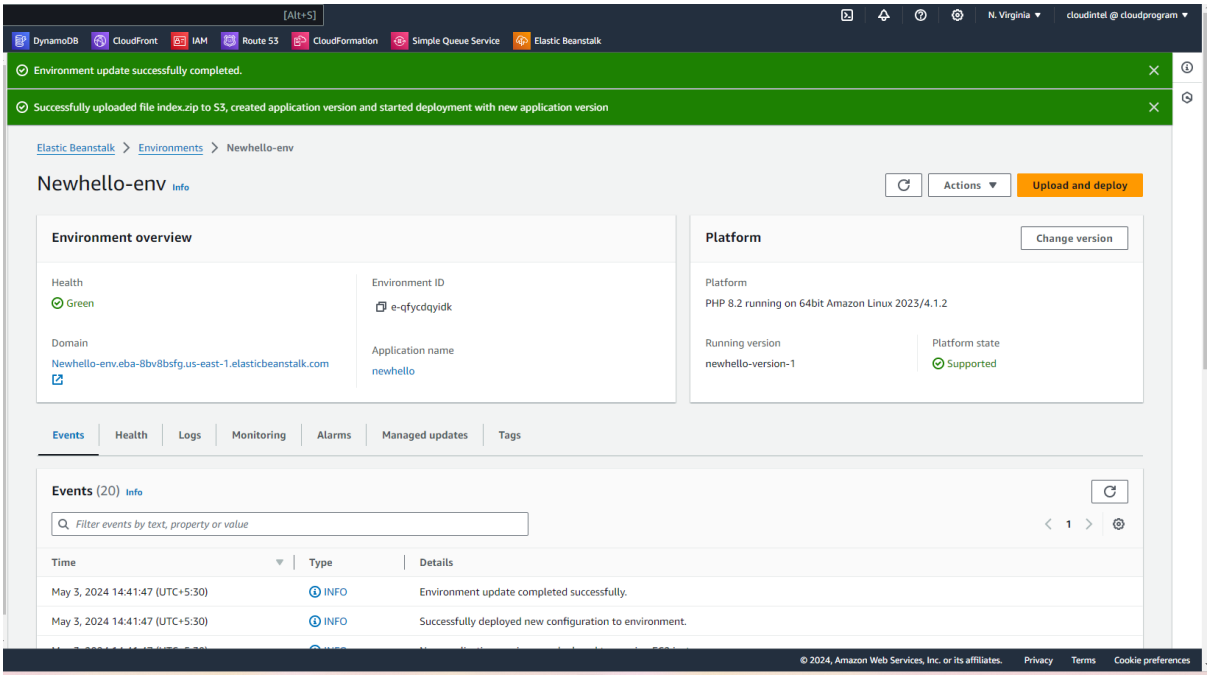
2. Elastic beanstalk environment created



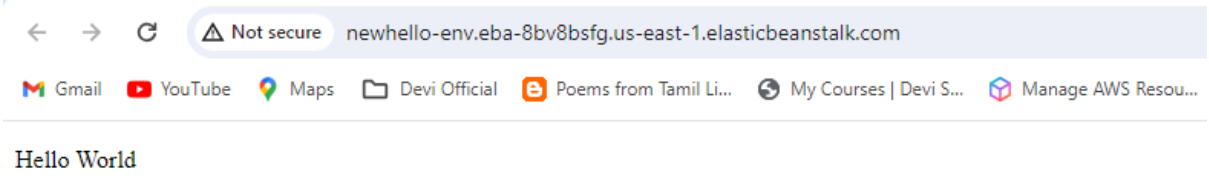


Upload and Deploy



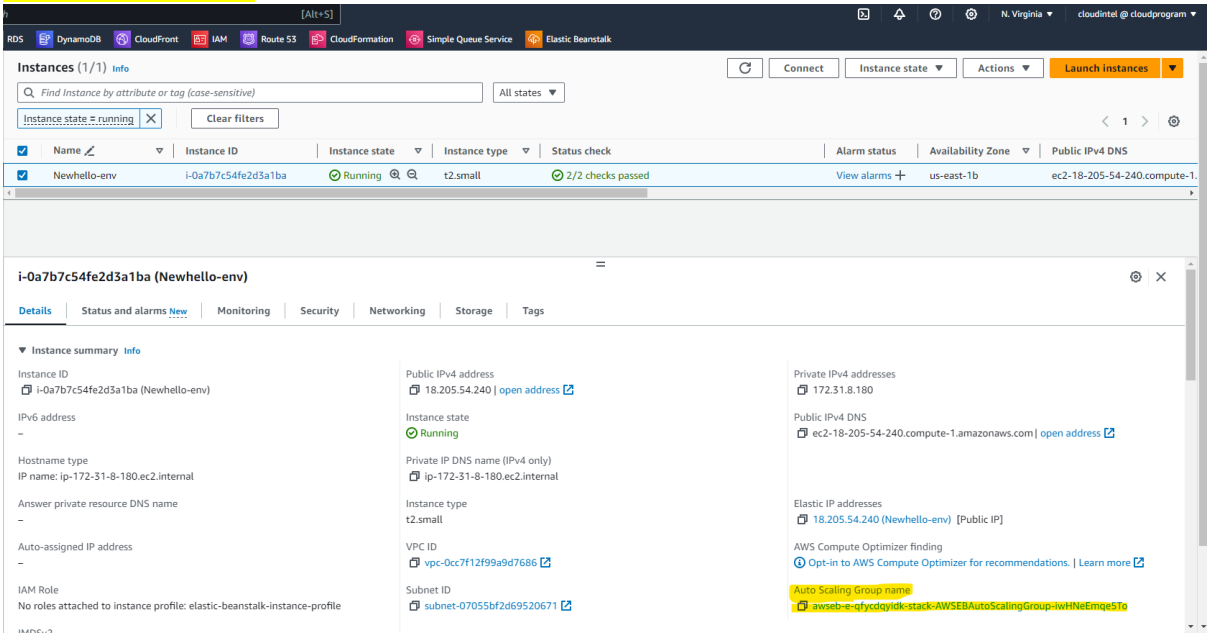


Verification

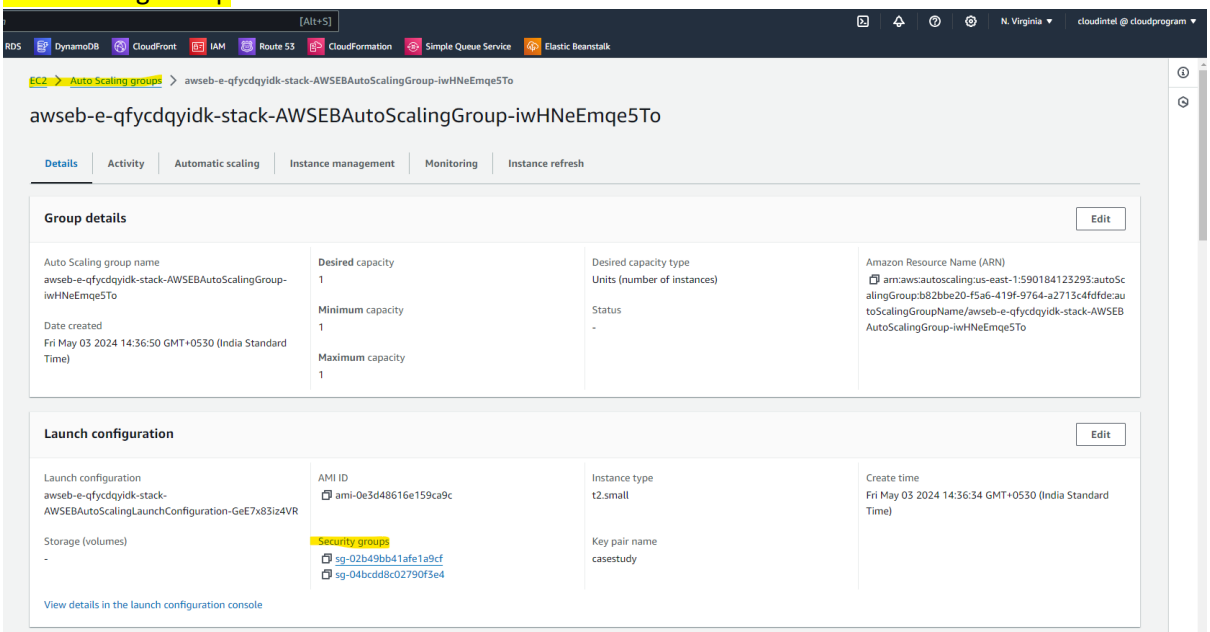


Hello World

EC2 Instance Created

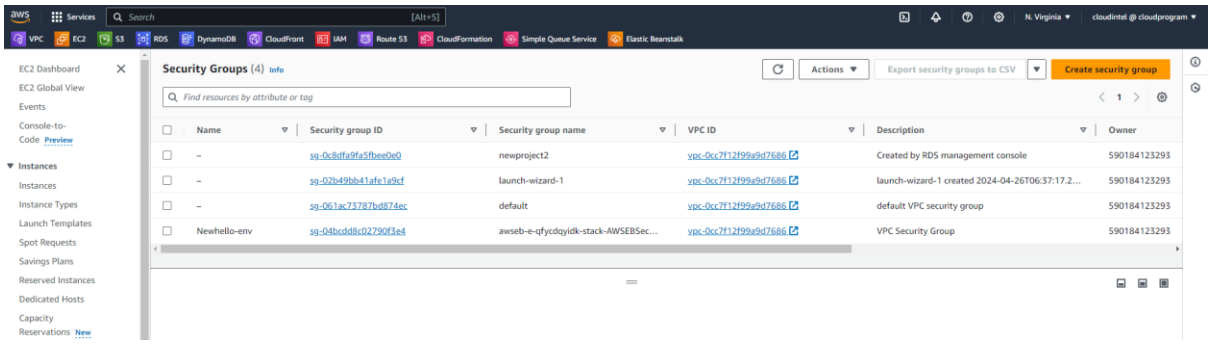


Auto Scaling Group

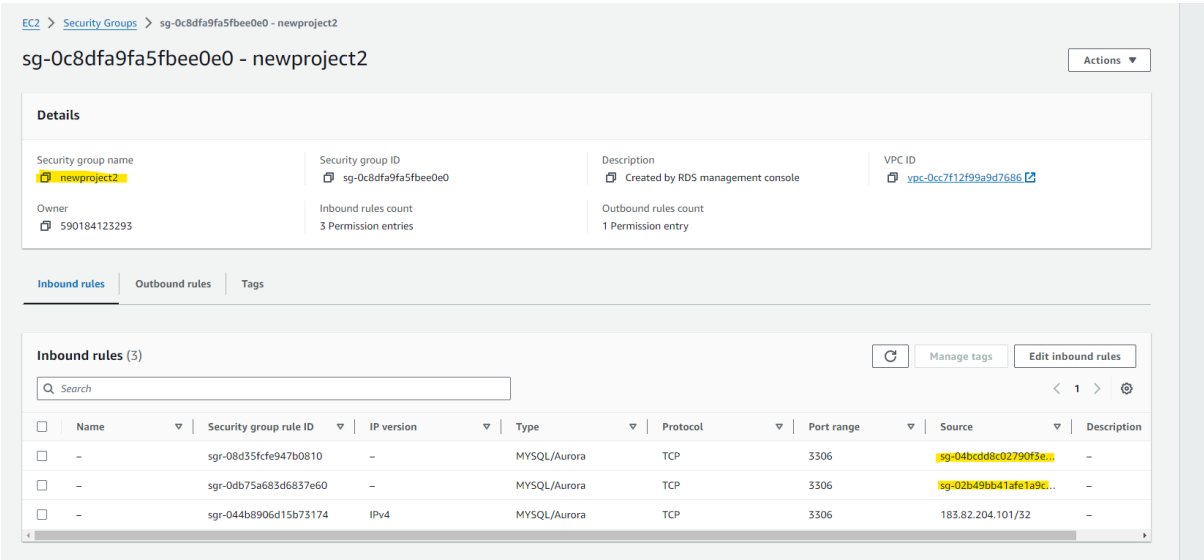


3. Security group configurations

AVAILABLE SG's



RDS SG Inbound rules configured with source (ASG security groups)



Verify Connectivity from EC2 (Elastic-Bean Stalk) to RDS