COS20019 Cloud Computing Architecture

Assignment 5H: Week 9 Lab

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Module 9 Challenge Lab - Creating a Scalable and Highly Available Environment for the Cafe

# In this assignment, I successfully evaluated the existing café web application environment, created a NAT gateway for enhanced availability, set up a bastion host for secure access, and configured a launch template for efficient instance creation. I then established an Auto Scaling group and an HTTP Application Load Balancer to optimize scalability and load distribution. After testing, I confirmed that the café web application functioned as expected and that automatic scaling worked effectively. This ensures the café is prepared to handle increased traffic and maintain a highly available and scalable architecture. (Optional) Module 13 - Guided Lab 1: Breaking a Monolithic Node.js Application into Microservices

  
