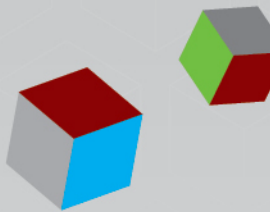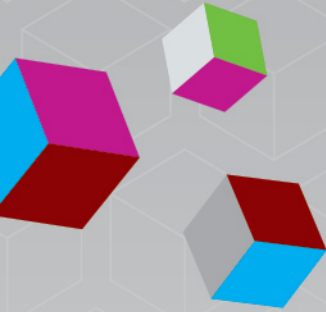TEST PROJECT
Cloud Computing
POST-SECONDARY

1 INTRODUCTION

In recent years, Cloud Computing has become a necessity for businesses across all sectors and verticals. To keep a competitive edge, businesses leverage the cloud to develop solutions that can handle the demands of their customers and give them a positive customer experience given any load or fault scenario. There are key aspects to successfully building a cloud-based solution. These include system design, deployment, network design, high availability, scalability, automation, security, cost, and monitoring.
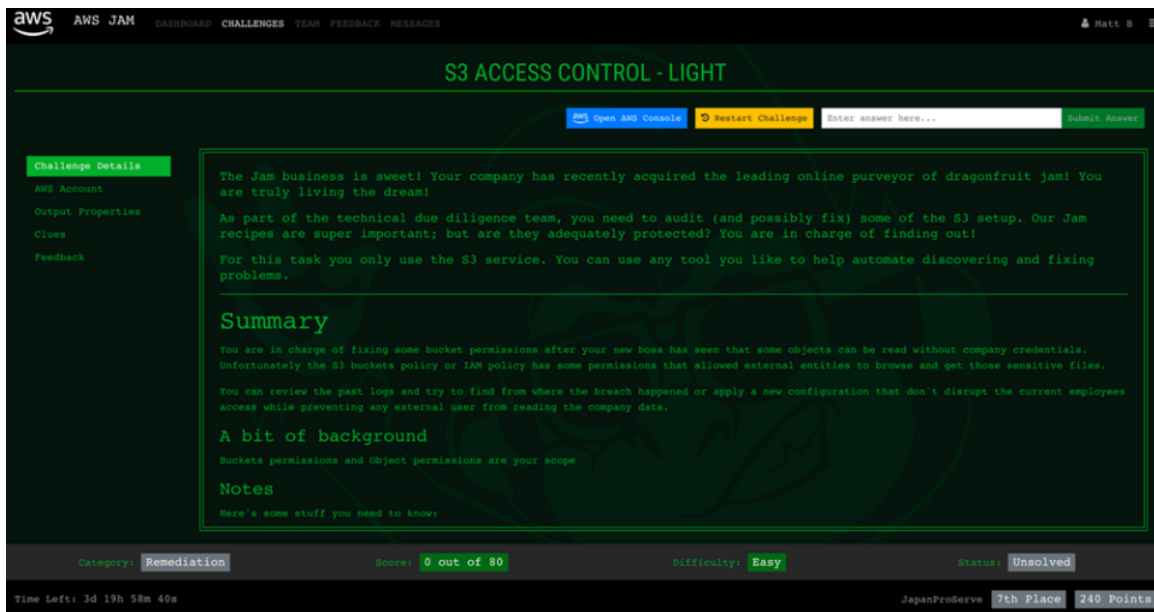
This test project will comprise of two separate challenges. An "AWS GameDay" challenge that is designed to assess Competitors based on their ability to effectively and securely deploy, maintain, troubleshoot and scale a web application. The second challenge will be an "AWS Jam" challenge. This challenge is designed to assess competitors troubleshooting abilities across a wide variety of AWS services.

2 DESCRIPTION OF PROJECT AND TASKS

Using the Jam Platform

You will be using the jam platform for both days of the competition. Once the jam event opens, you'll be able to complete the challenges in any order that you wish. Once we are ready to start the jam event, you will all be given an event password. This will unlock your tasks for that day. The default view of the jam platform is a map. This is just a fun layout but is not important for this event. You can complete any challenge in any order.

Once you select a challenge you will see a screen like this:

This will give you the instructions for the task, access to your account, and the ability to restart the challenge if you believe you've broken something and cannot repair it yourself. Any time to restart a Jam is time used; you will not receive this time back.

The jam modules can be very difficult, but all can and have been solved using only the instructions given to you. However, you do have the option of revealing clues. Clues are designed to help you make progress toward the final solution, but it is important to remember that you will not receive full points for the module if you use a clue. Determine you own strategy and be mindful of the consequences of using a clue. You **will** be penalized for the use of clues.

DIGITAL

READING

PROBLEM SOLVING