Assignment 2

The due date for submitting this assignment has passed. As a result, no marks will be awarded for this assignment.

1. None of the predefined instance types are suitable for your application. What do you do?
   - Set up a custom instance type.
   - Create an active virtual machine that fits your needs.
   - Use a custom instance type (if feasible).

2. What is the current status of your application?
   - False
   - True

3. What is the granularity you need for the database?
   - Coarse
   - Fine

4. What is the key to success in using Kubernetes in your organization?
   - Secure
   - Efficient

5. Which of the following is a valid Kubernetes resource?
   - Deployment
   - Service
   - StatefulSet

6. What is the purpose of the Kubernetes API server?
   - Manage clusters
   - Execute processes
   - Store cluster state

7. What is the significance of Kubernetes in a modern application architecture?
   - Centralizes management of resources
   - Provides scalability and elasticity
   - Enhances application security

8. What are the benefits of using Kubernetes in your infrastructure?
   - Simplifies deployment and scaling
   - Improves application visibility
   - Increases operational efficiency