Congratulations! You passed!

Grade received 100%
To pass 80% or higher

Go to next item

Kubernetes Architecture

Latest Submission Grade 100%

1. You are designing an application, and you want to ensure that the containers are located as close to each other as possible, in order to minimize latency. Which design decision helps meet this requirement? **1 / 1 point**

Correct

2. Which Kubernetes component does the kubectl command connect to in order to carry out operations on a cluster? **1 / 1 point**

Correct

3. You have deployed a new Kubernetes Engine regional cluster with four machines in the default pool for the first zone and left the number of zones at the default. How many Compute Engine machines are deployed and billed against your account? **1 / 1 point**

Correct

4. You need to ensure that the production applications running on your Kubernetes cluster are not impacted by test and staging deployments. Which features should you implement and configure to ensure that the resources for your production **1 / 1 point**

you implement and configure to ensure that the resources for your production applications can be prioritized?

Correct

5. When configuring storage for stateful applications, what steps must you take to provide file system storage inside your containers for data from your applications that will not be lost or deleted if your Pods fail or are deleted for any reason? **1 / 1 point**

Correct

6. You have a new logging and auditing utility that you need to deploy on all of the nodes within your cluster. Which type of controller should you use to handle this task? **1 / 1 point**

Correct

7. You want to deploy multiple copies of your application, so that you can load balance traffic across them. How should you deploy this application's Pods to the production Namespace in your cluster? **1 / 1 point**

Correct