Quiz: Containers in the Cloud

Your score: 100% Passing score: 75%

Retake

Congratulations! You passed this assessment.

✓ 1. Select two reasons for using containers to deploy applications. (Choose 2 responses.)

- ✓ Migrating workloads is simpler.

Correct!

- ☐ It provides tight coupling between applications and operating systems.
- ✓ It creates consistency across development, testing, and production environments.

Correct!

- ☐ Allocating resources in which to run containers is not necessary

- [ ] Allocating resources in which to run containers is not necessary.

✓ 2. How do you keep your Kubernetes version updated in Google Kubernetes Engine?

- ○ You cannot update a running cluster. You need to create a copy of the cluster with the updated Kubernetes version.
- ○ You are required to set up a cron job to periodically check the Kubernetes version in your cluster.
- ✓ The Google Kubernetes Engine team periodically performs automatic upgrades of your cluster to newer stable versions.
- ○ You need to stop your cluster and manually update the Kubernetes version in your cluster.

Correct!

✓ 3. How do containers access an operating system?

- ○ Containers use a shared base operating system stored in a shared runtime layer.

- ○ You need to stop your cluster and manually update the Kubernetes version in your cluster.

Correct!

✓ 3. How do containers access an operating system?

- ○ Containers use a shared base operating system stored in a shared runtime layer.
- ✓ Containers use a shared base operating system stored in a shared kernel layer.
- ○ Each container has its own instance of an operating system.
- ○ Containers use a shared base operating system stored in a Cloud Storage bucket.

Correct!

✓ 4. Where do the resources used to build Google Kubernetes Engine clusters come from?

Correct!

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- ○ Cloud Storage
- ○ App Engine
- ✓ Compute Engine
- ○ Bare metal servers

Correct!

✓ 5. Anthos provides a rich set of tools for monitoring and maintaining the consistency of your applications across which of the following locations?

- Applications hosted on premises, in the cloud, or in multiple

Correct!

✓ 5. Anthos provides a rich set of tools for monitoring and maintaining the consistency of your applications across which of the following locations?

- ✓ Applications hosted on-premises, in the cloud, or in multiple clouds.
- ○ Applications hosted with one cloud provider only.
- ○ Applications hosted on-premises only.
- ○ Applications hosted with multiple cloud providers only.

Correct!

✓ 6. What is a Kubernetes cluster?

- ○ A group of containers that provide high availability for

- Applications hosted with multiple cloud providers only.

Correct!

✓ 6. What is a Kubernetes cluster?

- A group of containers that provide high availability for applications.
- ✓ A group of machines where Kubernetes can schedule workloads.
- A group of pods that manage the administration of a Kubernetes application.

Correct!

✓ 7. What is a Kubernetes pod?

- A group of VMs

workloads.

- ○ A group of pods that manage the administration of a Kubernetes application.

Correct!

✓ 7. What is a Kubernetes pod?

- ○ A group of VMs
- ○ A group of clusters
- ✓ A group of containers
- ○ A group of nodes

Correct!