Containers, Kubernetes, and Kubernetes Engine

Quiz, 6 questions

1 point

1. Identify two reasons for deploying applications using containers. (Choose 2 responses.)

- [x] Tight coupling between applications and operating systems
- [ ] Consistency across development, testing, production environments
- [ ] Simpler to migrate workloads
- [x] No need to allocate resources in which to run containers

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1 point

2. *True or False:* Kubernetes allows you to manage container clusters in multiple cloud providers.

- ( ) True
- ( ) False

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1 point

3. *True or False:* Google Cloud Platform provides a secure, high-speed container image storage service for use with Kubernetes Engine.

- ( ) True
- ( ) False

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1 point

4. In Kubernetes, what does "pod" refer to?

- A popular management subsystem
- A group of containers that work together
- A popular logging subsystem
- A group of clusters that work together

1 point

5. Does Google Cloud Platform offer its own tool for building containers (other than the ordinary docker command)?

- Yes; the GCP-provided tool is an option, but customers may choose not use it.
- No; all customers use the ordinary docker command.
- Yes. Kubernetes Engine customers must use the GCP-provided tool.

1 point

6. Where do your Kubernetes Engine workloads run?

- In clusters implemented using App Engine
- In clusters built from Compute Engine virtual machines
- In clusters implemented using Cloud Functions
- In clusters that are built into GCP, not separately manageable

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