

Quiz - Introducing Google Cloud Platform

1. Choose fundamental characteristics of cloud computing. Mark all that are correct (4 correct responses).

- ☒ Computing resources available on-demand and self-service
- ☐ All resources are open-source-based
- ☐ Customers are required to commit to multi-year contracts
- ☒ Resources are available from anywhere over the network
- ☐ Providers always dedicate physical resources to each customer
- ☒ Customers pay only for what they use or reserve
- ☒ Customers can scale their resource use up and down

2. Choose a fundamental characteristic of devices in a virtualized data center.

- ☐ They are available from anywhere on the Internet.
- ☒ They are manageable separately from the underlying hardware.
- ☐ They use less resources than devices in a physical data center.
- ☐ They are more secure.

3. What type of cloud computing service lets you bind your application code to libraries that give access to the infrastructure your application needs?

- ☒ Platform as a Service
- ☐ Infrastructure as a Service
- ☐ Software as a Service
- ☐ Hybrid cloud
- ☐ Virtualized data centers

4. What type of cloud computing service provides raw compute, storage, and network, organized in ways that are familiar from physical data centers?

- ☐ Software as a Service
- ☐ Database as a Service
- ☒ Infrastructure as a Service
- ☐ Platform as a Service

5. Which statement is true about the zones within a region?

- ☒ The zones within a region have fast network connectivity among them.
- ☐ Customers must choose exactly one zone in each region in which to run their resources.
- ☐ The zones within a region are never closer to each other than 160 km.
- ☐ Each zone corresponds to a single physical data center.

6. What kind of customer benefits most from billing by the second for cloud resources such as virtual machines?

- ☒ Customers who create and run many virtual machines
- ☐ Customers who create many virtual machines and leave them running for months
- ☐ Customers who create too few virtual machines to get discounts
- ☐ Customers who create virtual machines running commercially licensed operating systems

1. Choose fundamental characteristics of cloud computing. Mark all that are correct (4 correct responses).

1 / 1 point

☒ Computing resources available on-demand and self-service

✓ Correct
Correct!

☐ All resources are open-source-based

☐ Customers are required to commit to multi-year contracts

☒ Resources are available from anywhere over the network

✓ Correct
Correct!

☐ Providers always dedicate physical resources to each customer

☒ Customers pay only for what they use or reserve

✓ Correct
Correct!

☒ Customers can scale their resource use up and down

✓ Correct
Correct!

2. Choose a fundamental characteristic of devices in a virtualized data center.

1 / 1 point

- ☐ They are available from anywhere on the Internet.
- ☒ They are manageable separately from the underlying hardware.
- ☐ They use less resources than devices in a physical data center.
- ☐ They are more secure.

✓ Correct
Correct!

3. What type of cloud computing service lets you bind your application code to libraries that give access to the infrastructure your application needs?

1 / 1 point

- ☒ Platform as a Service
- ☐ Infrastructure as a Service
- ☐ Software as a Service
- ☐ Hybrid cloud
- ☐ Virtualized data centers

✓ Correct
Correct!

4. What type of cloud computing service provides raw compute, storage, and network, organized in ways that are familiar from physical data centers?

1 / 1 point

- ☐ Software as a Service
- ☐ Database as a Service
- ☒ Infrastructure as a Service
- ☐ Platform as a Service

✓ Correct
Correct!

5. Which statement is true about the zones within a region?

1 / 1 point

- ☒ The zones within a region have fast network connectivity among them.
- ☐ Customers must choose exactly one zone in each region in which to run their resources.
- ☐ The zones within a region are never closer to each other than 160 km.
- ☐ Each zone corresponds to a single physical data center.

✓ Correct
Correct!

6. What kind of customer benefits most from billing by the second for cloud resources such as virtual machines?

1 / 1 point

- ☒ Customers who create and run many virtual machines
- ☐ Customers who create many virtual machines and leave them running for months
- ☐ Customers who create too few virtual machines to get discounts
- ☐ Customers who create virtual machines running commercially licensed operating systems

✓ Correct