Google Compute Engine and Networking

Quiz, 8 questions

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1 point

1.

True or False: Google Cloud Load Balancing allows you to balance HTTP-based traffic across multiple Compute Engine *regions.*

○ True

○ False

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1 point

2.

Which statement is true about Google VPC networks and subnets?

○ Networks are global; subnets are regional

○ Networks and subnets are global

○ Networks are global; subnets are zonal

○ Networks are regional; subnets are zonal

Google Compute Engine and Networking

1 point

3.

An application running in a Compute Engine virtual machine needs high-performance scratch space. Which type of storage meets this need?

○ Local SSD

○ Standard persistent

○ Local standard

○ SSD persistent

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1 point

4.

Choose an application that would be suitable for running in a Preemptible VM.

○ An interactive website

○ A batch job that can be checkpointed and restarted

○ An online relational database

○ A batch job that cannot be checkpointed and restarted

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1 point

5.

How do Compute Engine customers choose between big VMs and many VMs?

○ Use big VMs for in-memory databases and CPU-intensive analytics; use many VMs for fault tolerance and elasticity

○ Use big VMs for fault tolerance and elasticity; use many VMs for in-memory databases and CPU-intensive analytics

1 point

6.

How do VPC routers and firewalls work?

☐ They are managed by Google as a built-in feature.

☐ They are managed by Google in virtual machines, which customers may never modify.

☐ They are managed by Google in virtual machines, which customers may tune or turn off.

☐ Customers provision virtual machines and run their routers and firewalls in them.

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7.
A GCP customer wants to load-balance traffic among the back-end VMs that form part of a multi-tier application. Which load-balancing option should this customer choose?

○ The regional load balancer

○ The regional internal load balancer

○ The global HTTP(S) load balancer

○ The global TCP proxy

○ The global SSL proxy

1
point

8.
For which of these interconnect options is a Service Level Agreement available?

○ VPNs with Cloud Router

○ Direct Peering

○ Dedicated Interconnect

○ Carrier Peering

Upgrade to submit

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