

Google Compute Engine and Networking

Quiz, 8 questions

8/8 points (100%)



Congratulations! You passed!

Next Item



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point

1.

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



True

Correct

Correct! With global Cloud Load Balancing, your application presents a single front-end to the world.



False



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point

2.

Which statement is true about Google VPC networks and subnets?



Networks are global; subnets are regional

Correct

Correct!



Networks and subnets are global



Networks are global; subnets are zonal





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point

3.

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

☐ Standard persistent

☐ SSD persistent

☒ Local SSD



Correct

Correct!

☐ Local standard



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4.

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

☐ A batch job that cannot be checkpointed and restarted

☐ An online relational database

☐ An interactive website

☒ A batch job that can be checkpointed and restarted



Correct

Correct!

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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

Correct

Correct!



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



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6.

How do VPC routers and firewalls work?



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

Un-selected is correct



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

Correct

Correct!



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

Un-selected is correct



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

Un-selected is correct

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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 global TCP proxy
- ☐ The global SSL proxy
- ☒ The regional internal load balancer



Correct

Correct!

- ☐ The global HTTP(S) load balancer



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point

8.

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

- ☐ Direct Peering
- ☒ Dedicated Interconnect



Correct

Correct!

- ☐ VPNs with Cloud Router
 - ☐ Carrier Peering
-

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