✓ Congratulations! You passed!

Grade received 100%
To pass 75% or higher

Go to next item

Google Compute Engine and Networking

Latest Submission Grade 100%

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

   1 / 1 point

   ⦿ True

   ◯ False

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

2. Which statement is true about Google VPC networks and subnets?

   1 / 1 point

   ⦿ Networks are global; subnets are regional

   ◯ Networks are global; subnets are zonal

   ◯ Networks are regional; subnets are zonal

   ◯ Networks and subnets are global

   > ✓ **Correct**
   > Correct!

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

1 / 1 point

○ Standard persistent

○ SSD persistent

○ Local standard

◉ Local SSD

✓ **Correct**
Correct!

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

1 / 1 point

◉ A batch job that can be checkpointed and restarted

○ An interactive website

○ An online relational database

○ A batch job that cannot be checkpointed and restarted

✓ **Correct**
Correct!

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

1 / 1 point

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

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

⊘ **Correct**
Correct!

6. How do VPC routers and firewalls work?   1 / 1 point

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

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

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

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

⊘ **Correct**
Correct!

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?   1 / 1 point

○ The global HTTP(S) load balancer

○ The global TCP proxy

◉ The regional internal load balancer

○ The global SSL proxy

○ The regional load balancer

✓ **Correct**
Correct!

8. For which of these interconnect options is a Service Level Agreement available?   **1 / 1 point**

○ VPNs with Cloud Router

○ Direct Peering

◉ Dedicated Interconnect

○ Carrier Peering

✓ **Correct**
Correct!