

Practice Quiz: Cloud Computing

TOTAL POINTS 5

1. When we use cloud services provided to the general consumer, such as Google Suite or Gmail, what cloud deployment model are we using?

1 / 1 point

- ☐ Hybrid cloud
- ☐ Private cloud
- ☒ Public cloud
- ☐ Multi-cloud



Correct

Keep it up! A public cloud offers services to the general public, often as SaaS (Software as a Service) offerings.

2. What is a container?

1 / 1 point

- ☐ A cloud deployment model that is a combination of public and private clouds
- ☐ A synonym for virtual machine
- ☐ A public file server
- ☒ A virtualized environment containing applications and configurations that can run quickly and reliably on any computing environment

You got it! A container is an OS- and hardware-independent environment that allows for easy migration and compatibility.

3. Select the examples of Managed Web Application Platforms. (Check all that apply)

1 / 1 point

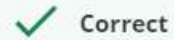
☒ Google App Engine.



Correct

Nice work! Google App Engine is a Platform as a Service (PaaS) product that offers access to Google's flexible hosting and Tier 1 Internet service for Web app developers and enterprises.

☒ Amazon Elastic Beanstalk



Correct

Great job! AWS Elastic Beanstalk is an easy-to-use PaaS service for deploying and scaling web applications.

☒ Microsoft App Service.



Correct

Woohoo! Microsoft Azure App Service enables you to build and host web apps, mobile back ends, and RESTful APIs in the programming language of your choice without having to manage infrastructure.

☐ Dropbox

4. When a company solely owns and manages its own cloud infrastructure, what type of cloud deployment model are they using?

1 / 1 point

- ☐ Public cloud
- ☐ Hybrid cloud
- ☒ Private cloud
- ☐ Multi-cloud


 **Correct**

Way to go! A private cloud deployment is one that is fully owned and operated by a single company or entity.

5. Which "direction" are we scaling when we add RAM or CPU resources to individual nodes?

1 / 1 point

- ☐ Down
- ☐ Horizontal
- ☐ Up
- ☒ Vertical

 **Correct**

Awesome! Vertical scaling is a form of upscaling, but upscaling can also be horizontal.