Practice Quiz: Cloud Computing

PUNTOS TOTALES DE 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 puntos

    ○ Hybrid cloud

    ○ Private cloud

    ◉ Public cloud

    ○ Multi-cloud

    ✓ **Correcto**
    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 puntos

    ○ 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

    ✓ **Correcto**
    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 puntos

    ☑ Google App Engine.

✓ **Correcto**

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

✓ **Correcto**

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

☑ Microsoft App Service.

✓ **Correcto**

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 puntos**

- ◯ Public cloud
- ◯ Hybrid cloud
- ⊙ Private cloud
- ◯ Multi-cloud

✓ **Correcto**

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

5.   **1 / 1 puntos**

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

○ Down

○ Horizontal

○ Up

◉ Vertical

✓ **Correcto**

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