Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

Next item →

1. According to the US National Institute of Standards and Technology (NIST) definition of "cloud computing," what is the meaning of the statement "a shared pool of configurable computing resources"? **1 / 1 point**

- ○ Data security associated with data loss or unavailability causing business disruption.
- ○ Five essential characteristics, three deployment, and three service models.
- ◉ Networks, servers, storage, applications, and services.
- ○ Leveraging cloud services over the open internet on hardware owned by the cloud provider.

Correct
Correct! These are all recognized as computing resources that can be configured as needed and shared.

2. What tasks do hypervisors accomplish? **1 / 1 point**

- ○ Facilitate access to mainframes for multiple users to access the same data storage layer
- ○ Scale on demand to support fluctuating workloads
- ◉ Enable multiple operating systems to run alongside each other and separate VMs logically
- ○ Fluctuates workloads and facilitates access to mainframes

Correct
Correct! A hypervisor is a small software layer that enables multiple operating systems to run alongside each other.

3. Which key considerations drive an organization's selection of cloud computing when considering expenditure for off-the-shelf software and investments in upgrades? **1 / 1 point**

- ◉ Software as a service and development platforms
- ○ Speed and productivity
- ○ Risk exposure
- ○ Infrastructure and workloads

Correct
Correct! Organizations must consider whether paying for application access is more viable than purchasing off-the-shelf software and subsequently investing in upgrades.

4. Which of the following statements describes a benefit of cloud computing? **1 / 1 point**

- ◉ Hardware failures do not result in data loss because of backups maintained on the network
- ○ Lack of standardization in how the constantly evolving technologies integrate
- ○ Data security associated with loss or unavailability of data
- ○ Business continuity

Correct
Correct! Cloud-based applications and data are accessible from virtually any internet-connected device. Hardware failures do not result in data loss because of backups maintained on the network.

5. Which service provider provides one of the largest cloud-based data management platforms? **1 / 1 point**

- ○ Alibaba Cloud
- ○ Salesforce
- ○ Amazon Web Services
- ◉ Oracle Cloud

Correct
Correct! Oracle Data Cloud provides one of the largest cloud-based data management platforms helping customers personalize their online, offline, and mobile marketing campaigns for targeted audiences.

6. Which service provider uses its cloud platform internally for their end-user products, such as Search and app engines that automatically allocate and de-allocate resources to handle demand? **1 / 1 point**

- ○ Microsoft Azure
- ○ Oracle Cloud
- ○ SAP
- ◉ Google Cloud Platform (GCP)

Correct
Correct! Google uses GCP internally for their end-user products, such as Google Search and YouTube. The Google App Engine is a platform for developing and hosting web applications in Google-managed data centers, automatically allocating and de-allocating resources to handle demand.

7. According to the International Data Corporation (IDC), what is that crucial ability that will make cloud computing essential for businesses to succeed, sustain, and compete in today's markets? **1 / 1 point**

- ○ Multi-cloud infrastructures
- ○ Applied exponential technologies such as AI, Automation, IoT, and Blockchain
- ○ Cognitively enabled workflows
- ◉ Data-driven decisions

Correct
Correct! Considering the unprecedented amounts of data being produced daily and the ability to make data-driven decisions crucial to any business, the power, resources, and technologies available on the cloud will make using the cloud essential for businesses to succeed, sustain, and compete.

8. Why did American Airlines require a new technology platform? **1 / 1 point**

- ◉ Requirement for better customer service
- ○ Acceleration of growth
- ○ Removal of barriers to innovation
- ○ Establishment of a scalable hosting platform for low-latency delivery

Correct
Correct! To become more responsive to customer needs, American Airlines needed a new technology platform and a new approach to development that would help the company deliver digital self-service tools and customer value more rapidly across its enterprise.

9. Select the answer that best describes how does Cloud Computing helps IoT devices? **1 / 1 point**

- ○ Provides a fixed physical location for the data collected from IoT devices
- ○ Draws insights from data collected from the IoT devices and users
- ○ Stores data on an encrypted physical drive
- ◉ Provides the resources to store and process the data produced by IoT devices and users.

Correct
Correct! IoT devices generate unprecedented amounts of data worldwide, and the cloud provides the resources to gather, store, and process this data.

10. Which of the following denotes the relationship between Blockchain, AI, and cloud? **1 / 1 point**

- ○ Blockchain provides an immutable network, AI provides distributed computing resources and cloud powers decision-making
- ◉ Blockchain provides a decentralized source of truth, AI powers analytics and decision-making, and the cloud provides globally distributed computing resources
- ○ Blockchain lends trust and transparency to AI by recording the data and variables that go into a decision made in an AI algorithm, and the cloud provides an immutable network
- ○ Blockchain provides the distributed computing resources, AI powers the analytics, and the cloud records the data

Correct
Correct! Blockchain technology provides the trusted, decentralized source of truth, AI powers the analytics and decision-making from the data collected, and the cloud provides globally distributed, scalable, and cost-efficient computing resources to support both the unprecedented amounts of data being collected and the processing power required to draw insights from this data.

Captured by FireShot Pro: 09 一月 2025, 20:50:54
https://getfireshot.com