

GCP CDA Module 2 - Quiz 3 Answers

1. What is a key advantage of cloud cost optimization?

Increasing cloud storage

Cutting carbon emissions

Increasing carbon emissions

Reducing cost visibility

Explanation: Cloud cost optimization helps reduce unnecessary resource usage, which in turn lowers energy consumption and carbon emissions.

2. You want to improve the user experience while reducing cloud expenses for your organization. What is a key benefit of cloud cost optimization that can help you achieve this goal?

Increasing cloud accessibility

Reducing carbon emissions

Improving performance of applications

Enhancing cost visibility

Explanation: Optimizing cloud resources ensures applications run smoothly, enhancing user experience while reducing costs.

3. You notice that your cloud service operates efficiently without any lag. Which backend component is most likely responsible for this efficiency?

Security

Storage

Service

Runtime Cloud

Explanation: Runtime Cloud ensures that cloud services run efficiently, similar to an operating system managing performance.

4. What is rightsizing in cloud cost optimization?

Adjusting computing resources to fit the exact needs of an application or workload

Adjusting computing resources to decrease carbon emissions

Adjusting computing resources to increase cloud efficiency

Adjusting computing resources to reduce cost visibility

Explanation: Rightsizing ensures that resources are neither over- nor under-provisioned, optimizing cost and performance.

5. What is the role of “service” in cloud architecture?

To manage all tasks and resources

To interact with users

To complete specific tasks

To provide all storage solutions

Explanation: The 'service' component in cloud architecture manages computing tasks and resource allocation.