Module 5 Graded Quiz

LATEST SUBMISSION GRADE

100%

1.Question 1
What are some best practices organizations need to follow in order to protect their cloud resources and systems? *Select two.*

1 / 1 point

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Adopt a shared responsibility model

Correct

Operating applications and services in cloud environments demands understanding the shared accountabilities for security and compliance between the organization and cloud provider.

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Distribute tasks, workloads, and network traffic

☐

Run security monitoring tools on a periodic basis to ensure security threats and breaches are flagged

☐

Active monitoring for security and compliance

Correct

To ensure stability and enforcement of compliance standards and business continuity, enterprises need to set up active monitoring of all connected systems and cloud-based services.

2.Question 2
Which of the following are key components of Identity and Access Management (IAM)? *Select two.*

1 / 1 point

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Protecting data while it is at rest, in motion, and in use

☐

Embedding security through the life cycle of an application

☐

Audit and Compliance

Correct

Audit and compliance is a critical service within the IAM framework. Auditors use these processes to validate implemented controls against an organization's security policy, industry compliance, and risk policies to report deviations.

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Cloud Directory Services

Correct

Cloud Directory Services are used to manage user profiles and their associated credentials and password policy inside a cloud environment.

3.Question 3
Which of these statements are true of cloud encryption

A. Encryption ensures only authorized users have access to sensitive dat

B. When encrypted data is intercepted without authorization, it is unreadable and meaningles

C. Encryption protects data when it is at rest, in transit, and in use in memo

D. Encryption eliminates data security risk

1 / 1 point

○

A and C only

○

A, B, and D only

○

A, B, and C only

○

A, B, C, and D

4.Question 4

Identify some of the standard cloud monitoring best practices from the provided options. *Select two.*

1 / 1 point

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Track usage and cost of your cloud resources and services

☐

Encrypt data before it is sent to the cloud

☐

Authenticate users attempting to access their cloud resources

☐

Leverage end-user experience monitoring solutions to capture the performance of an application from the point of view of its end users

5.Question 5

Which job role requires the following skills?

· Collaboration with development and operations teams

· Containerization expertise

· Creating custom automation tools

- Building and maintaining configuration and deployment frameworks

- Monitoring security and measuring performance

1 / 1 point

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Cloud Data Engineers

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Cloud DevOps Engineer

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Cloud Integration Specialists

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Cloud Solutions Architects

Correct

Cloud DevOps Engineers collaborate with development and operations teams to create reliable and rapid release pipelines for software and updates.