

# GIAC GCLD

## GIAC Cloud Security Essentials

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# Latest Version: 6.0

## Question: 1

Which three considerations are key when maintaining the attack surface of compute resources through automation practices?

(Choose Three)

Response:

- A. Automatically escalating privileges for convenience.
- B. Periodically reviewing and adjusting security group configurations.
- C. Automating the monitoring of network traffic to and from compute instances.
- D. Regularly updating automation scripts to adhere to best security practices.
- E. Disabling logging to increase performance.

**Answer: B,C,D**

## Question: 2

Which of the following is a key advantage of using Infrastructure as Code (IaC) for provisioning cloud resources?

Response:

- A. Increased dependency on manual documentation.
- B. Slower deployment cycles.
- C. Enhanced consistency and repeatability in resource provisioning.
- D. Higher risk of configuration drift.

**Answer: C**

## Question: 3

How does segmentation improve cloud network security?

Response:

- A. By reducing the overall cost of the network
- B. By limiting the scope of potential breaches
- C. By increasing the speed of the network
- D. By enhancing user accessibilities

**Answer: B**

### Question: 4

Why is it essential to have a process for regularly reviewing and updating compute resource configurations in the cloud?

Response:

- A. To ensure configurations remain overly permissive for user convenience.
- B. To align with the latest cloud gaming trends.
- C. To adapt to evolving security threats and maintain compliance.
- D. To standardize configurations regardless of the workload.

**Answer: C**

### Question: 5

During a cloud-focused penetration test, which of the following outcomes should be a key deliverable?

Response:

- A. Comprehensive details on the social engineering tactics used.
- B. Identification of all physical vulnerabilities within the data center.
- C. Detailed findings on misconfigurations and vulnerabilities.
- D. An exhaustive list of all employee names and roles.

**Answer: C**

### Question: 6

What are the key benefits of integrating SIEM (Security Information and Event Management) solutions in cloud-based network security monitoring?

(Choose two)

Response:

- A. Automated incident response
- B. Enhanced user productivity
- C. Real-time visibility and threat detection
- D. Reduced need for data encryption

**Answer: A,C**

### Question: 7

In a Platform as a Service (PaaS) setup, the cloud provider is responsible for securing the \_\_\_\_\_.  
Response:

- A. Data
- B. Applications
- C. Runtime
- D. Endpoints

**Answer: C**

### Question: 8

What role does compliance play in cloud risk management?  
Response:

- A. It guarantees the elimination of all cloud risks.
- B. It provides a framework for legal and regulatory adherence.
- C. It replaces the need for an internal risk management process.
- D. It ensures automatic data encryption across all cloud services.

**Answer: B**

### Question: 9

What mechanism ensures data privacy and security when accessing cloud services from various geographical locations?  
Response:

- A. Data localization
- B. Geofencing
- C. Virtual Private Network (VPN)
- D. Content Delivery Network (CDN)

**Answer: C**

### Question: 10

How do encryption and tunneling contribute to secure data transmission in cloud environments?

Response:

- A. By ensuring data is publicly accessible
- B. By verifying the identity of users accessing the data
- C. By protecting data integrity and confidentiality during transit
- D. By increasing the data transfer speed

<b>Answer: C</b>
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