

# GIAC GNFA

## GIAC Network Forensic Analyst (GNFA)

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# Latest Version: 6.0

## Question: 1

Which protocol is commonly used for network device management and monitoring?

Response:

- A. HTTP
- B. SNMP
- C. FTP
- D. DHCP

**Answer: B**

## Question: 2

Which security measures help protect against unauthorized access to network architecture?

(Select two.)

Response:

- A. Implementing least privilege access
- B. Using default admin credentials
- C. Deploying intrusion detection systems (IDS)
- D. Allowing open access to all internal systems

**Answer: A,C**

## Question: 3

Which technologies are commonly used in network segmentation strategies?

(Select two.)

Response:

- A. VLANs
- B. MPLS
- C. IPv6
- D. VPN

**Answer: A,B**

### Question: 4

What is the primary purpose of a VLAN in network architecture?

Response:

- A. To increase network speed
- B. To logically segment networks without requiring physical separation
- C. To encrypt network traffic
- D. To replace firewalls in enterprise environments

**Answer: B**

### Question: 5

Which challenges are commonly encountered when reverse engineering network protocols?

(Select two.)

Response:

- A. Lack of documentation
- B. Presence of encryption
- C. Use of default ports
- D. Standardized communication patterns

**Answer: A,B**

### Question: 6

Which of the following is an indication of a custom or proprietary network protocol?

Response:

- A. Standard TCP and UDP port usage
- B. Non-standard packet structures and headers
- C. Use of open-source encryption libraries
- D. Presence of cleartext credentials in packets

**Answer: B**

### Question: 7

Which actions can be taken after detecting malicious activity using NetFlow?

(Select two.)

Response:

- A. Block malicious IP addresses at the firewall
- B. Capture full packet data for forensic analysis
- C. Decrypt all traffic for deeper analysis
- D. Modify encryption keys dynamically

**Answer: A,B**

### Question: 8

Which of the following are key benefits of centralizing security event logs?

(Select two.)

Response:

- A. Improved detection of correlated security events
- B. Reduced need for manual log review
- C. Faster network speeds
- D. Immediate compliance with all security regulations

**Answer: A,B**

### Question: 9

An organization notices an increase in wireless network congestion and connectivity issues. What steps should be taken to identify potential sources of interference?

Response:

- A. Conduct a site survey to identify interference sources
- B. Increase the power of the access points
- C. Disable WPA2 encryption
- D. Implement VLAN segmentation

**Answer: A**

### Question: 10

A security analyst detects an application sending large volumes of encoded traffic to a remote server over an uncommon port. The analyst suspects data exfiltration. What should be done next?

Response:

- A. Investigate the encoding scheme used in the traffic
- B. Immediately block the port on the firewall
- C. Assume the traffic is normal and ignore it
- D. Terminate all active network sessions

**Answer: A**

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