



## **Fortinet**

### **Exam Questions NSE4\_FGT-6.4**

Fortinet NSE 4 - FortiOS 6.4

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### NEW QUESTION 1

Refer to the exhibits to view the firewall policy (Exhibit A) and the antivirus profile (Exhibit B).

Which statement is correct if a user is unable to receive a block replacement message when downloading an infected file for the first time?

- A. The firewall policy performs the full content inspection on the file.
- B. The flow-based inspection is used, which resets the last packet to the user.
- C. The volume of traffic being inspected is too high for this model of FortiGate.
- D. The intrusion prevention security profile needs to be enabled when using flow-based inspection mode.

**Answer: A**

### NEW QUESTION 2

Refer to the exhibit.

The global settings on a FortiGate device must be changed to align with company security policies. What does the Administrator account need to access the FortiGate global settings?

- A. Change password
- B. Enable restrict access to trusted hosts
- C. Change Administrator profile
- D. Enable two-factor authentication

**Answer: D**

### NEW QUESTION 3

Which of the following are purposes of NAT traversal in IPsec? (Choose two.)

- A. To delete intermediary NAT devices in the tunnel path.
- B. To dynamically change phase 1 negotiation mode aggressive mode.
- C. To encapsulation ESP packets in UDP packets using port 4500.
- D. To force a new DH exchange with each phase 2 rekey.

**Answer: AC**

### NEW QUESTION 4

Which three statements about security associations (SA) in IPsec are correct? (Choose three.)

- A. Phase 2 SAs are used for encrypting and decrypting the data exchanged through the tunnel.
- B. An SA never expires.
- C. A phase 1 SA is bidirectional, while a phase 2 SA is directional.
- D. Phase 2 SA expiration can be time-based, volume-based, or both.
- E. Both the phase 1 SA and phase 2 SA are bidirectional.

**Answer: BCD**

### NEW QUESTION 5

Refer to the exhibit.

The exhibits show a network diagram and the explicit web proxy configuration.

In the commanddiagnose sniffer packet, what filter can you use to capture the traffic between the client and the explicit web proxy?

- A. 'host 192.168.0.2 and port 8080'
- B. 'host 10.0.0.50 and port 80'
- C. 'host 192.168.0.1 and port 80'
- D. 'host 10.0.0.50 and port 8080'

**Answer: A**

### NEW QUESTION 6

To complete the final step of a Security Fabric configuration, an administrator must authorize all the devices on which device?

- A. FortiManager

- B. Root FortiGate
- C. FortiAnalyzer
- D. Downstream FortiGate

**Answer: B**

#### NEW QUESTION 7

Which two protocol options are available on the CLI but not on the GUI when configuring an SD-WAN Performance SLA? (Choose two.)

- A. DNS
- B. ping
- C. udp-echo
- D. TWAMP

**Answer: AC**

#### NEW QUESTION 8

A FortiGate is operating in NAT mode and configured with two virtual LAN (VLAN) sub interfaces added to the physical interface. Which statements about the VLAN sub interfaces can have the same VLAN ID, only if they have IP addresses in different subnets.

- A. The two VLAN sub interfaces can have the same VLAN ID, only if they have IP addresses in different subnets.
- B. The two VLAN sub interfaces must have different VLAN IDs.
- C. The two VLAN sub interfaces can have the same VLAN ID, only if they belong to different VDOMs.
- D. The two VLAN sub interfaces can have the same VLAN ID, only if they have IP addresses in the same subnet.

**Answer: B**

#### Explanation:

FortiGate\_Infrastructure\_6.0\_Study\_Guide\_v2-Online.pdf -> page 147

"Multiple VLANs can coexist in the same physical interface, provide they have different VLAN ID"

#### NEW QUESTION 9

Which of the following statements correctly describes FortiGates route lookup behavior when searching for a suitable gateway? (Choose two)

- A. Lookup is done on the first packet from the session originator
- B. Lookup is done on the last packet sent from the responder
- C. Lookup is done on every packet, regardless of direction
- D. Lookup is done on the trust reply packet from the responder

**Answer: AD**

#### NEW QUESTION 10

Which two attributes are required on a certificate so it can be used as a CA certificate on SSL Inspection? (Choose two.)

- A. The keyUsage extension must be set to keyCertSign.
- B. The common name on the subject field must use a wildcard name.
- C. The issuer must be a public CA.
- D. The CA extension must be set to TRUE.

**Answer: BD**

#### NEW QUESTION 10

Why does FortiGate Keep TCP sessions in the session table for several seconds, even after both sides (client and server) have terminated the session?

- A. To allow for out-of-order packets that could arrive after the FIN/ACK packets
- B. To finish any inspection operations
- C. To remove the NAT operation
- D. To generate logs

**Answer: B**

#### NEW QUESTION 14

Refer to the exhibit.

The exhibit contains the configuration for an SD-WAN Performance SLA, as well as the output of diagnose sys virtual-wan-link health-check. Which interface will be selected as an outgoing interface?

- A. port2
- B. port4
- C. port3
- D. port1

**Answer: B**

### NEW QUESTION 19

Refer to the exhibit.

Based on the administrator profile settings, what permissions must the administrator set to run the diagnose firewall auth list CLI command on FortiGate?

- A. Custom permission for Network
- B. Read/Write permission for Log & Report
- C. CLI diagnostics commands permission
- D. Read/Write permission for Firewall

**Answer:** A

### NEW QUESTION 20

Refer to the exhibit.

The exhibit shows a CLI output of firewall policies, proxy policies, and proxy addresses.  
How does FortiGate process the traffic sent to <http://www.fortinet.com>?

- A. Traffic will be redirected to the transparent proxy and it will be allowed by proxy policy ID 3.
- B. Traffic will not be redirected to the transparent proxy and it will be allowed by firewall policy ID 1.
- C. Traffic will be redirected to the transparent proxy and it will be allowed by proxy policy ID 1.
- D. Traffic will be redirected to the transparent proxy and it will be denied by the proxy implicit deny policy.

**Answer:** D

### NEW QUESTION 22

Examine the exhibit, which contains a virtual IP and firewall policy configuration.

The WAN (port1) interface has the IP address 10.200.1.1/24. The LAN (port2) interface has the IP address 10.0.1.254/24.  
The first firewall policy has NAT enabled on the outgoing interface address. The second firewall policy is configured with a VIP as the destination address.  
Which IP address will be used to source NAT the Internet traffic coming from a workstation with the IP address 10.0.1.10/24?

- A. 10.200.1.10
- B. Any available IP address in the WAN (port1) subnet 10.200.1.0/24
- C. 10.200.1.1
- D. 10.0.1.254

**Answer:** B

#### Explanation:

<https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-firewall-52/Firewall%20Objects/Virtual%20IPs>.

### NEW QUESTION 24

By default, FortiGate is configured to use HTTPS when performing live web filtering with FortiGuard servers. Which two CLI commands will cause FortiGate to use an unreliable protocol to communicate with FortiGuard servers for live web filtering? (Choose two.)

- A. set fortiguard anycast disable
- B. set protocol udp
- C. set webfilter-force-off disable
- D. set webfilter-cache disable

**Answer:** AC

### NEW QUESTION 28

Examine this output from a debug flow:

Why did the FortiGate drop the packet?

- A. The next-hop IP address is unreachable.
- B. It failed the RPF check.
- C. It matched an explicitly configured firewall policy with the action DENY.
- D. It matched the default implicit firewall policy.

**Answer:** D

**Explanation:**

<https://kb.fortinet.com/kb/documentLink.do?externalID=13900>

**NEW QUESTION 29**

Which of the following conditions must be met in order for a web browser to trust a web server certificate signed by a third-party CA?

- A. The public key of the web server certificate must be installed on the browser.
- B. The web-server certificate must be installed on the browser.
- C. The CA certificate that signed the web-server certificate must be installed on the browser.
- D. The private key of the CA certificate that signed the browser certificate must be installed on the browser.

**Answer: C**

**NEW QUESTION 30**

Which two statements are true about the FGCP protocol? (Choose two.)

- A. Not used when FortiGate is in Transparent mode
- B. Elects the primary FortiGate device
- C. Runs only over the heartbeat links
- D. Is used to discover FortiGate devices in different HA groups

**Answer: CD**

**NEW QUESTION 35**

Which type of logs on FortiGate record information about traffic directly to and from the FortiGate management IP addresses?

- A. System event logs
- B. Forward traffic logs
- C. Local traffic logs
- D. Security logs

**Answer: A**

**NEW QUESTION 36**

Refer to the exhibit.

Examine the intrusion prevention system (IPS) diagnostic command.

Which statement is correct if option 5 was used with the IPS diagnostic command and the outcome was a decrease in the CPU usage?

- A. The IPS engine was inspecting high volume of traffic.
- B. The IPS engine was unable to prevent an intrusion attack.
- C. The IPS engine was blocking all traffic.
- D. The IPS engine will continue to run in a normal state.

**Answer: C**

**NEW QUESTION 38**

Refer to the exhibit.

Which contains a session list output. Based on the information shown in the exhibit, which statement is true?

- A. Destination NAT is disabled in the firewall policy.
- B. One-to-one NAT IP pool is used in the firewall policy.
- C. Overload NAT IP pool is used in the firewall policy.
- D. Port block allocation IP pool is used in the firewall policy.

**Answer: A**

**NEW QUESTION 41**

Which of the following are valid actions for FortiGuard category based filter in a web filter profile in proxy-based inspection mode? (Choose two.)

- A. Warning
- B. Exempt
- C. Allow
- D. Learn

**Answer: AC**

**NEW QUESTION 46**

Refer to the exhibits.

The SSL VPN connection fails when a user attempts to connect to it. What should the user do to successfully connect to SSL VPN?

- A. Change the SSL VPN port on the client.

- B. Change the Server IP address.
- C. Change the idle-timeout.
- D. Change the SSL VPN portal to the tunnel.

**Answer:** D

#### NEW QUESTION 47

Why does FortiGate keep TCP sessions in the session table for some seconds even after both sides (client and server) have terminated the session?

- A. To remove the NAT operation.
- B. To generate logs
- C. To finish any inspection operations.
- D. To allow for out-of-order packets that could arrive after the FIN/ACK packets.

**Answer:** D

#### NEW QUESTION 51

Examine this FortiGate configuration:

How does the FortiGate handle web proxy traffic coming from the IP address 10.2.1.200 that requires authorization?

- A. It always authorizes the traffic without requiring authentication.
- B. It drops the traffic.
- C. It authenticates the traffic using the authentication scheme SCHEME2.
- D. It authenticates the traffic using the authentication scheme SCHEME1.

**Answer:** D

#### Explanation:

“What happens to traffic that requires authorization, but does not match any authentication rule? The active and passive SSO schemes to use for those cases is defined under config authentication setting”

#### NEW QUESTION 56

In consolidated firewall policies, IPv4 and IPv6 policies are combined in a single consolidated policy. Instead of separate policies. Which three statements are true about consolidated IPv4 and IPv6 policy configuration? (Choose three.)

- A. The IP version of the sources and destinations in a firewall policy must be different.
- B. The Incoming Interface
- C. Outgoing Interface
- D. Schedule, and Service fields can be shared with both IPv4 and IPv6.
- E. The policy table in the GUI can be filtered to display policies with IPv4, IPv6 or IPv4 and IPv6 sources and destinations.
- F. The IP version of the sources and destinations in a policy must match.
- G. The policy table in the GUI will be consolidated to display policies with IPv4 and IPv6 sources and destinations.

**Answer:** ACE

#### NEW QUESTION 59

Examine the two static routes shown in the exhibit, then answer the following question.

Which of the following is the expected FortiGate behavior regarding these two routes to the same destination?

- A. FortiGate will load balance all traffic across both routes.
- B. FortiGate will use the port1 route as the primary candidate.
- C. FortiGate will route twice as much traffic to the port2 route
- D. FortiGate will only actuate the port1 route in the routing table

**Answer:** B

#### Explanation:

“If multiple static routes have the same distance, they are all active; however, only the one with the lowest priority is considered the best path.”

#### NEW QUESTION 64

Which of the following statements about backing up logs from the CLI and downloading logs from the GUI are true? (Choose two.)

- A. Log downloads from the GUI are limited to the current filter view
- B. Log backups from the CLI cannot be restored to another FortiGate.
- C. Log backups from the CLI can be configured to upload to FTP as a scheduled time
- D. Log downloads from the GUI are stored as LZ4 compressed files.

**Answer:** AB

#### NEW QUESTION 68

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