

# Fortinet

## Exam Questions NSE4\_FGT-6.4

Fortinet NSE 4 - FortiOS 6.4



#### NEW QUESTION 1

Which two actions can you perform only from the root FortiGate in a Security Fabric? (Choose two.)

- A. Shut down/reboot a downstream FortiGate device.
- B. Disable FortiAnalyzer logging for a downstream FortiGate device.
- C. Log in to a downstream FortiSwitch device.
- D. Ban or unban compromised hosts.

**Answer:** A

#### NEW QUESTION 2

Which statement about the IP authentication header (AH) used by IPsec is true?

- A. AH does not provide any data integrity or encryption.
- B. AH does not support perfect forward secrecy.
- C. AH provides data integrity but no encryption.
- D. AH provides strong data integrity but weak encryption.

**Answer:** C

#### NEW QUESTION 3

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 4

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 5

Which CLI command will display sessions both from client to the proxy and from the proxy to the servers?

- A. diagnose wad session list
- B. diagnose wad session list | grep hook-pre&&hook-out
- C. diagnose wad session list | grep hook=pre&&hook=out
- D. diagnose wad session list | grep "hook=pre"&"hook=out"

**Answer:** D

#### NEW QUESTION 6

Which CLI command allows administrators to troubleshoot Layer 2 issues, such as an IP address conflict?

- A. get system status
- B. get system performance status
- C. diagnose sys top
- D. get system arp

**Answer:** C

#### NEW QUESTION 7

If the Issuer and Subject values are the same in a digital certificate, which type of entity was the certificate issued to?

- A. A CRL

- B. A person
- C. A subordinate CA
- D. A root CA

**Answer:** D

#### NEW QUESTION 8

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 9

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 10

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 10

An administrator is configuring an IPsec VPN between site A and site B. The Remote Gateway setting in both sites has been configured as Static IP Address. For site A, the local quick mode selector is 192.160.1.0/24 and the remote quick mode selector is 192.168.2.0/24.

Which subnet must the administrator configure for the local quick mode selector for site B?

- A. 192.168.1.0/24
- B. 192.168.0.0/24
- C. 192.168.2.0/24
- D. 192.168.3.0/24

**Answer:** B

#### NEW QUESTION 13

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 17**

Refer to the exhibit.

Given the security fabric topology shown in the exhibit, which two statements are true? (Choose two.)

- A. This security fabric topology is a logical topology view.
- B. There are 19 security recommendations for the security fabric.
- C. There are five devices that are part of the security fabric.
- D. Device detection is disabled on all FortiGate devices.

**Answer:** AD

**NEW QUESTION 18**

Refer to the exhibit.

Given the interfaces shown in the exhibit. which two statements are true? (Choose two.)

- A. port1-vlan1 and port2-vlan1 can be assigned in the same VDOM or to different VDOMs
- B. port1 is a native VLAN.
- C. port1-vlan10 and port2-vlan10 are part of the same broadcast domain.
- D. Traffic between port2 and port2-vlan1 is allowed by default.

**Answer:** CD

**NEW QUESTION 22**

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 23**

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 28

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 31

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 34

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 35

Which statements best describe auto discovery VPN (ADVPN). (Choose two.)

- A. It requires the use of dynamic routing protocols so that spokes can learn the routes to other spokes.
- B. ADVPN is only supported with IKEv2.
- C. Tunnels are negotiated dynamically between spokes.
- D. Every spoke requires a static tunnel to be configured to other spokes so that phase 1 and phase 2 proposals are defined in advance.

**Answer:** AC

#### NEW QUESTION 39

A network administrator is configuring a new IPsec VPN tunnel on FortiGate. The remote peer IP address is dynamic, in addition, the remote peer does not support a dynamic DNS update service. What type of remote gateway should administrator configure on FortiGate for the new IPsec VPN tunnel to work?

- A. Static IP Address
- B. Dialup User
- C. Dynamic DNS
- D. Pre-shared Key

**Answer:** C

#### NEW QUESTION 44

An administrator has configured a route-based IPsec VPN between two FortiGate devices. Which statement about this IPsec VPN configuration is true?

- A. A phase 2 configuration is not required.
- B. This VPN cannot be used as part of a hub-and-spoke topology.
- C. A virtual IPsec interface is automatically created after the phase 1 configuration is completed.
- D. The IPsec firewall policies must be placed at the top of the list.

**Answer:** C

#### Explanation:

In a route-based configuration, FortiGate automatically adds a virtual interface with the VPN name (Infrastructure Study Guide, 206)

#### NEW QUESTION 46

Examine the following web filtering log.

Which statement about the log message is true?

- A. The action for the category Games is set to block.
- B. The usage quota for the IP address 10.0.1.10 has expired
- C. The name of the applied web filter profile is default.
- D. The web site miniclip.com matches a static URL filter whose action is set to Warning.

**Answer:** C

#### NEW QUESTION 49

A network administrator wants to set up redundant IPsec VPN tunnels on FortiGate by using two IPsec VPN tunnels and static routes.

\*All traffic must be routed through the primary tunnel when both tunnels are up

\*The secondary tunnel must be used only if the primary tunnel goes down

\*In addition, FortiGate should be able to detect a dead tunnel to speed up tunnel failover

Which two key configuration changes are needed on FortiGate to meet the design requirements? (Choose two.)

- A. Enable Dead Peer Detection.
- B. Configure a lower distance on the static route for the primary tunnel, and a higher distance on the static route for the secondary tunnel.
- C. Enable Auto-negotiate and Autokey Keep Alive on the phase 2 configuration of both tunnels.
- D. Configure a higher distance on the static route for the primary tunnel, and a lower distance on the static route for the secondary tunnel.

**Answer:** A

#### NEW QUESTION 54

Refer to the exhibit.

According to the certificate values shown in the exhibit, which type of entity was the certificate issued to?

- A. A user
- B. A root CA
- C. A bridge CA
- D. A subordinate

**Answer:** A

#### NEW QUESTION 58

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 59

Which of the following statements is true regarding SSL VPN settings for an SSL VPN portal?

- A. By default, FortiGate uses WINS servers to resolve names.
- B. By default, the SSL VPN portal requires the installation of a client's certificate.
- C. By default, split tunneling is enabled.
- D. By default, the admin GUI and SSL VPN portal use the same HTTPS port.

**Answer:** D

#### NEW QUESTION 60

Which of the following statements about central NAT are true? (Choose two.)

- A. IP tool references must be removed from existing firewall policies before enabling central NAT.
- B. Central NAT can be enabled or disabled from the CLI only.
- C. Source NAT, using central NAT, requires at least one central SNAT policy.
- D. Destination NAT, using central NAT, requires a VIP object as the destination address in a firewall.

**Answer:** AB

#### NEW QUESTION 63

Refer to the exhibits.

The exhibits show the SSL and authentication policy (Exhibit A) and the security policy (Exhibit B) for Facebook.

Users are given access to the Facebook web application. They can play video content hosted on Facebook but they are unable to leave reactions on videos or other types of posts.

Which part of the policy configuration must you change to resolve the issue?

- A. The SSL inspection needs to be a deep content inspection.
- B. Force access to Facebook using the HTTP service.
- C. Additional application signatures are required to add to the security policy.
- D. Add Facebook in the URL category in the security policy.

**Answer:** A

#### NEW QUESTION 65

Which statement regarding the firewall policy authentication timeout is true?

- A. It is an idle timeout
- B. The FortiGate considers a user to be "idle" if it does not see any packets coming from the user's source IP.
- C. It is a hard timeout
- D. The FortiGate removes the temporary policy for a user's source IP address after this timer has expired.
- E. It is an idle timeout
- F. The FortiGate considers a user to be "idle" if it does not see any packets coming from the user's source MAC.
- G. It is a hard timeout
- H. The FortiGate removes the temporary policy for a user's source MAC address after this timer has expired.

**Answer:** A

#### NEW QUESTION 68

View the exhibit:

Which the FortiGate handle web proxy traffic rule? (Choose two.)

- A. Broadcast traffic received in port1-VLAN10 will not be forwarded to port2-VLAN10.
- B. port-VLAN1 is the native VLAN for the port1 physical interface.
- C. port1-VLAN10 and port2-VLAN10 can be assigned to different VDOMs.
- D. Traffic between port1-VLAN1 and port2-VLAN1 is allowed by default.

**Answer:** AC

#### NEW QUESTION 70

An administrator is configuring an Ipsec between site A and site B. The Remote Gateway setting in both sites has been configured as Static IP Address. For site A, the local quick mode selector is 192.16.1.0/24 and the remote quick mode selector is 192.16.2.0/24. How must the administrator configure the local quick mode selector for site B?

- A. A.-192.168.3.0/24 B. 192.168.2.0/24 C. 192.168.1.0/24 D. 192.168.0.0/8



**Answer:** B

**NEW QUESTION 74**

Which statements about the firmware upgrade process on an active-active HA cluster are true? (Choose two.)

- A. The firmware image must be manually uploaded to each FortiGate.
- B. Only secondary FortiGate devices are rebooted.
- C. Uninterruptable upgrade is enabled by default.
- D. Traffic load balancing is temporally disabled while upgrading the firmware.

**Answer:** CD

**NEW QUESTION 76**

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 77**

Examine this PAC file configuration.

Which of the following statements are true? (Choose two.)

- A. Browsers can be configured to retrieve this PAC file from the FortiGate.
- B. Any web request to the 172.25.120.0/24 subnet is allowed to bypass the proxy.
- C. All requests not made to Fortinet.com or the 172.25.120.0/24 subnet, have to go through altproxy.corp.com: 8060.
- D. Any web request fortinet.com is allowed to bypass the proxy.

**Answer:** AD

**NEW QUESTION 81**

Which statements are true regarding firewall policy NAT using the outgoing interface IP address with fixed port disabled? (Choose two.)

- A. This is known as many-to-one NAT.
- B. Source IP is translated to the outgoing interface IP.
- C. Connections are tracked using source port and source MAC address.
- D. Port address translation is not used.

**Answer:** AB

**NEW QUESTION 86**

Which two settings can be separately configured per VDOM on a FortiGate device? (Choose two.)

- A. System time
- B. FortiGuaid update servers
- C. Operating mode
- D. NGFW mode

**Answer:** AD

**NEW QUESTION 89**

An administrator does not want to report the logon events of service accounts to FortiGate. What setting on the collector agent is required to achieve this?

- A. Add the support of NTLM authentication.
- B. Add useraccounts to Active Directory (AD).
- C. Add user accounts to the FortiGate group fitter.
- D. Add user accounts to the Ignore User List.

**Answer:** C

**NEW QUESTION 90**

Which of the following SD-WAN load –balancing method use interface weight value to distribute traffic? (Choose two.)

- A. Source IP
- B. Spillover



C. Volume  
D. Session

**Answer:** CD

**NEW QUESTION 95**

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 100**

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