



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 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 5

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 6

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 7

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 8

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 9

Examine this FortiGate configuration:

Examine the output of the following debug command:

Based on the diagnostic outputs above, how is the FortiGate handling the traffic for new sessions that require inspection?

- A. It is allowed, but with no inspection
- B. It is allowed and inspected as long as the inspection is flow based
- C. It is dropped.
- D. It is allowed and inspected, as long as the only inspection required is antivirus.

Answer: C

NEW QUESTION 10

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 10

Which of the following statements correctly describes FortiGate's 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 13

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 18

Which of the statements is true about SSL VPN web mode?

- A. The tunnel is up while the client is connected.
- B. It supports a limited number of protocols.
- C. The external network application sends data through the VPN.
- D. It assigns a virtual IP address to the client.

Answer: C

NEW QUESTION 22

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 25

Refer to the exhibit.

Which contains a PerformanceSLA configuration.

An administrator has configured a performance SLA on FortiGate. Which failed to generate any traffic. Why is FortiGate not generating any traffic for the performance SLA?

- A. Participants configured are not SD-WAN members.
- B. There may not be a static route to route the performance SLA traffic.
- C. The Ping protocol is not supported for the public servers that are configured.
- D. You need to turn on the Enable probe packets switch.

Answer: D

NEW QUESTION 27

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 29

Which two statements are correct regarding FortiGate FSSO agentless polling mode? (Choose two.)

- A. FortiGate points the collector agent to use a remote LDAP server.
- B. FortiGate uses the AD server as the collector agent.
- C. FortiGate uses the SMB protocol to read the event viewer logs from the DCs.
- D. FortiGate queries AD by using the LDAP to retrieve user group information.

Answer: CD

NEW QUESTION 30

Which two statements about antivirus scanning mode are true? (Choose two.)

- A. In proxy-based inspection mode, files bigger than the buffer size are scanned.
- B. In flow-based inspection mod
- C. FortiGate buffers the file, but also simultaneously transmits it to the client.
- D. In proxy-based inspection mode, antivirus scanning buffers the whole file for scanning, before sending it to the client.
- E. In flow-based inspection mode, files bigger than the buffer size are scanned.

Answer: CD

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 35

An administrator has configured outgoing Interface any in a firewall policy. Which statement is true about the policy list view?

- A. Policy lookup will be disabled.
- B. By Sequence view will be disabled.
- C. Search option will be disabled
- D. Interface Pair view will be disabled.

Answer: A

NEW QUESTION 40

Which three options are the remote log storage options you can configure on FortiGate? (Choose three.)

- A. FortiCache
- B. FortiSIEM
- C. FortiAnalyzer
- D. FortiSandbox
- E. FortiCloud

Answer: BCD

NEW QUESTION 45

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 47

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 52

An administrator has configured two-factor authentication to strengthen SSL VPN access. Which additional best practice can an administrator implement?

- A. Configure Source IP Pools.
- B. Configure split tunneling in tunnel mode.
- C. Configure different SSL VPN realms.

D. Configure host check.

Answer: D

NEW QUESTION 57

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 tie 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 62

Refer to the exhibit.

The Root and To_Internet VDOMs are configured in NAT mode. The DMZ and Local VDOMs are configured in transparent mode.

The Root VDOM is the management VDOM. The To_Internet VDOM allows LAN users to access internet. TheTo_Internet VDOM is the only VDOM with internet access and is directly connected to ISP modem.

Which two statements are true? (Choose two.)

- A. Inter-VDOM links are required to allow traffic between the Local and Root VDOMs.
- B. A static route is required on the To_Internet VDOM to allow LAN users to access the internet.
- C. Inter-VDOM links are required to allow traffic between the Local and DMZ VDOMs.
- D. Inter-VDOM links are not required between the Root and To_Internet VDOMs because the Root VDOM is used only as a management VDOM.

Answer: AD

NEW QUESTION 67

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 68

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 eith the VPN name (Infrastructure Study Guide, 206)

NEW QUESTION 73

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 tunnelfailover

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 state route for the secondary tunnel.

Answer: A

NEW QUESTION 76

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 80

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 85

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 88

When browsing to an internal web server using a web-mode SSL VPN bookmark, which IP address is used as the source of the HTTP request?

- A. remote user's public IP address
- B. The public IP address of the FortiGate device.
- C. The remote user's virtual IP address.
- D. The internal IP address of the FortiGate device.

Answer: D

Explanation:

Source IP seen by the remote resources is FortiGate's internal IP address and not the user's IP address

NEW QUESTION 91

Which statement regarding the firewall policy authentication timeout is true?

- A. It is an idle timeou
- 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 timeou
- D. The FortiGate removes the temporary policy for a user's source IP address after this timer has expired.
- E. It is an idle timeou
- 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 timeou
- H. The FortiGate removes the temporary policy for a user's source MAC address after this timer has expired.

Answer: A

NEW QUESTION 92

View the exhibit:

Which the FortiGate handle web proxy traffic rue? (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 95

An administrator is configuring an Ipsec between site A and siteB. The Remotes 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.-192.168.3.0/24B.192.168.2.0/24C.192.168.1.0/24D.192.168.0.0/8

Answer: B

NEW QUESTION 100

What is the limitation of using a URL list and application control on the same firewall policy, in NGFW policy-based mode?

- A. It limits the scope of application control to the browser-based technology category only.
- B. It limits the scope of application control to scan application traffic based on application category only.
- C. It limits the scope of application control to scan application traffic using parent signatures only
- D. It limits the scope of application control to scan application traffic on DNS protocol only.

Answer: B

NEW QUESTION 103

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 106

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 111

Refer to the web filter raw logs.

Based on the raw logs shown in the exhibit, which statement is correct?

- A. Social networking web filter category is configured with the action set to authenticate.
- B. The action on firewall policy ID 1 is set to warning.
- C. Access to the social networking web filter category was explicitly blocked to all users.
- D. The name of the firewall policy is all_users_web.

Answer: D

NEW QUESTION 112

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 115

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 116

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 117

Which three authentication timeout types are availability for selection on FortiGate? (Choose three.)

- A. hard-timeout
- B. auth-on-demand
- C. soft-timeout
- D. new-session
- E. Idle-timeout

Answer: ADE

Explanation:

<https://kb.fortinet.com/kb/documentLink.do?externalID=FD37221>

NEW QUESTION 121

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 122

Examine the IPS sensor configuration shown in the exhibit, and then answer the question below.

An administrator has configured the WINDOWS_SERVERS IPS sensor in an attempt to determine whether the influx of HTTPS traffic is an attack attempt or not. After applying the IPS sensor, FortiGate is still not generating any IPS logs for the HTTPS traffic. What is a possible reason for this?

- A. The IPS filter is missing the Protocol: HTTPS option.
- B. The HTTPS signatures have not been added to the sensor.
- C. A DoS policy should be used, instead of an IPS sensor.
- D. A DoS policy should be used, instead of an IPS sensor.
- E. The firewall policy is not using a full SSL inspection profile.

Answer: E

NEW QUESTION 123

Refer to the exhibit.

Review the Intrusion Prevention System (IPS) profile signature settings. Which statement is correct in adding the FTP.Login.Failed signature to the IPS sensor profile?

- A. The signature setting uses a custom rating threshold.
- B. The signature setting includes a group of other signatures.
- C. Traffic matching the signature will be allowed and logged.
- D. Traffic matching the signature will be silently dropped and logged.

Answer: B

NEW QUESTION 125

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