

## NSE4\_FGT-6.4 Dumps

### Fortinet NSE 4 - FortiOS 6.4

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**NEW QUESTION 1**

What types of traffic and attacks can be blocked by a web application firewall (WAF) profile? (Choose three.)

- A. Traffic to botnetservers
- B. Traffic to inappropriate web sites
- C. Server information disclosure attacks
- D. Credit card data leaks
- E. SQL injection attacks

**Answer:** ACE

**NEW QUESTION 2**

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 3**

Which two statements are correct regarding FortiGate HA cluster virtual IP addresses? (Choose two.)

- A. Heartbeat interfaces have virtual IP addresses that are manually assigned.
- B. A change in the virtual IP address happens when a FortiGate device joins or leaves the cluster.
- C. Virtual IP addresses are used to distinguish between cluster members.
- D. The primary device in the cluster is always assigned IP address 169.254.0.1.

**Answer:** AB

**NEW QUESTION 4**

View the exhibit.

A user behind the FortiGate is trying to go to <http://www.addictinggames.com> (Addicting Games). Based on this configuration, which statement is true?

- A. Addicting.Games is allowed based on the Application Overrides configuration.
- B. Addicting.Games is blocked on the Filter Overrides configuration.
- C. Addicting.Games can be allowed only if the Filter Overrides actions is set to Exempt.
- D. Addcting.Games is allowed based on the Categories configuration.

**Answer:** A

**NEW QUESTION 5**

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 6**

NGFW mode allows policy-based configuration for most inspection rules. Which security profile's configuration does not change when you enable policy-based inspection?

- A. Web filtering
- B. Antivirus
- C. Web proxy
- D. Application control

**Answer:** B

**NEW QUESTION 7**

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 8**

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 9**

View the exhibit.

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

- A. This setup requires at least two firewall policies with the action set to IPsec.
- B. Dead peer detection must be disabled to support this type of IPsec setup.
- C. The TunnelB route is the primary route for reaching the remote sit
- D. The TunnelA route is used only if the TunnelB VPN is down.
- E. This is a redundant IPsec setup.

**Answer:** CD

**NEW QUESTION 10**

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 10**

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 11

Which three statements about a flow-based antivirus profile are correct? (Choose three.)

- A. IPS engine handles the process as a standalone.
- B. FortiGate buffers the whole file but transmits to the client simultaneously.
- C. If the virus is detected, the last packet is delivered to the client.
- D. Optimized performance compared to proxy-based inspection.
- E. Flow-based inspection uses a hybrid of scanning modes available in proxy-based inspection.

**Answer:** CDE

#### NEW QUESTION 15

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 19

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 27

Which of statement 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 32

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 35

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 40

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 43**

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 47**

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 48**

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 50**

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 56**

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 the 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 60**

Refer to the exhibit.

Which contains a session diagnostic output. Which statement is true about the session diagnostic output?

- A. The session is in SYN\_SEXT state.
- B. The session is in FIN\_ACK state.
- C. The session is in FTN\_WAIT state.
- D. The session is in ESTABLISHED state.

**Answer:** D

**NEW QUESTION 63**

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

When detecting attacks, which anomaly, signature, or filter will FortiGate evaluate first?

- A. SMTP.Login.Brute.Force
- B. IMAP.Login.brute.Force
- C. ip\_src\_session
- D. Location: server Protocol: SMTP

**Answer:** B

**NEW QUESTION 67**

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 71**

Refer to the exhibits.

Exhibit A shows system performance output. Exhibit B shows a FortiGate configured with the default configuration of high memory usage thresholds. Based on the system performance output, which two statements are correct? (Choose two.)

- A. Administrators can access FortiGate only through the console port.
- B. FortiGate has entered conserve mode.
- C. FortiGate will start sending all files to FortiSandbox for inspection.
- D. Administrators cannot change the configuration.

**Answer:** CD

**NEW QUESTION 75**

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 76**

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 78**

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 79**

Refer to the exhibit.

Which contains a network diagram and routing table output. The Student is unable to access Webserver.

What is the cause of the problem and what is the solution for the problem?

- A. The first packet sent from Student failed the RPF check.This issue can be resolved by adding a static route to 10.0.4.0/24 through wan1.
- B. The first reply packet for Student failed the RPF check.This issue can be resolved by adding a static route to 10.0.4.0/24 through wan1.
- C. The first reply packet for Student failed the RPF check.This issue can be resolved by adding a static route to 203.0.114.24/32 through port3.
- D. The first packet sent from Student failed the RPF check.This issue can be resolved by adding a static route to 203.0.114.24/32 through port3.

**Answer:** C

**NEW QUESTION 81**

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 85**

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 90**

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 93**

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 94**

Refer to the exhibit.

The exhibit contains a network diagram, virtual IP, IP pool, and firewall policies configuration. The WAN (port1) interface has the IP address 10.200.1.1/24. The LAN (port3) interface has the IP address 10.0.1.254. /24. The first firewall policy has NAT enabled using IP Pool. 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?

- A. 10.200.1.1
- B. 10.200.3.1
- C. 10.200.1.100
- D. 10.200.1.10

**Answer:** A

**NEW QUESTION 99**

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 103**

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

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

**Answer:** AD

**NEW QUESTION 108**

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 112**

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 115**

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 119**

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 122**

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 123**

An administrator observes that the port1 interface cannot be configured with an IP address. What can be the reasons for that? (Choose three.)

- A. The interface has been configured for one-arm sniffer.
- B. The interface is a member of a virtual wire pair.
- C. The operation mode is transparent.
- D. The interface is a member of a zone.
- E. Captive portal is enabled in the interface.

**Answer:** ABC

**Explanation:**

[https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-whats-new-54/Top\\_VirtualWirePair.htm](https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-whats-new-54/Top_VirtualWirePair.htm)

**NEW QUESTION 124**

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 128**

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