

# NSE4\_FGT-6.0<sup>Q&As</sup>

Fortinet NSE 4 - FortiOS 6.0

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**QUESTION 1**

Which of the following FortiGate configuration tasks will create a route in the policy route table? (Choose two.)

- A. Static route created with a Named Address object
- B. Static route created with an Internet Services object
- C. SD-WAN route created for individual member interfaces
- D. SD-WAN rule created to route traffic based on link latency

Correct Answer: BD

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**QUESTION 2**

Which statements about HA for FortiGate devices are true? (Choose two.)

- A. Sessions handled by proxy-based security profiles cannot be synchronized.
- B. Virtual clustering can be configured between two FortiGate devices that have multiple VDOMs.
- C. HA management interface settings are synchronized between cluster members.
- D. Heartbeat interfaces are not required on the primary device.

Correct Answer: BC

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**QUESTION 3**

What FortiGate components are tested during the hardware test? (Choose three.)

- A. Administrative access
- B. HA heartbeat
- C. CPU
- D. Hard disk
- E. Network interfaces

Correct Answer: CDE

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**QUESTION 4**

Which of the following static routes are not maintained in the routing table?

- A. Named Address routes

- B. Dynamic routes
- C. ISDB routes
- D. Policy routes

Correct Answer: D

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#### QUESTION 5

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.

Correct Answer: D

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#### QUESTION 6

Which of the following conditions are required for establishing an IPsec VPN between two FortiGate devices? (Choose two.)

- A. If XAuth is enabled as a server in one peer, it must be enabled as a client in the other peer.
- B. If the VPN is configured as route-based, there must be at least one firewall policy with the action set to IPsec.
- C. If the VPN is configured as DialUp User in one peer, it must be configured as either Static IP Address or Dynamic DNS in the other peer.
- D. If the VPN is configured as a policy-based in one peer, it must also be configured as policy-based in the other peer.

Correct Answer: BC

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#### QUESTION 7

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.

Correct Answer: D

**QUESTION 8**

An administrator needs to strengthen the security for SSL VPN access. Which of the following statements are best practices to do so? (Choose three.)

- A. Configure split tunneling for content inspection.
- B. Configure host restrictions by IP or MAC address.
- C. Configure two-factor authentication using security certificates.
- D. Configure SSL offloading to a content processor (FortiASIC).
- E. Configure a client integrity check (host-check).

Correct Answer: CDE

**QUESTION 9**

View the exhibit:

Status	Name	VLAN ID	Type	IP/Netmask
Physical(12)				
	port1		Physical Interface	10.200.1.1 255.255.255.0
	port1-VLAN1	1	VLAN	10.200.5.1 255.255.255.0
	port1-VLAN10	10	VLAN	10.0.10.1 255.255.255.0
	port2		Physical Interface	10.200.2.1 255.255.255.0
	port2-VLAN1	1	VLAN	10.0.5.1 255.255.255.0
	port2-VLAN10	10	VLAN	10.0.20.254 255.255.255.0
	port3		Physical Interface	10.0.1.254 255.255.255.0

Which statement about the exhibit is true? (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.

Correct Answer: AC

**QUESTION 10**

Examine the network diagram and the existing FGT1 routing table shown in the exhibit, and then answer the following question:



```
FGT1 # get router info routing-table all
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default;

S    172.20.0.0/16 [10/0] via 172.21.1.2, port2
C    172.21.0.0/16 is directly connected, port2
C    172.11.11.0/24 is directly connected, port1
```

An administrator has added the following static route on FGT1.

**New Static Route**

Destination <i>i</i>	<b>Subnet</b>   Named Address   Internet Service
	172.20.1.0/24
Gateway	172.11.12.1
Interface	port1
Administrative Distance <i>i</i>	10
Comments	<input type="text"/> 0/255
Status	<input checked="" type="checkbox"/> Enabled   <input type="checkbox"/> Disabled

**Advanced Options**

Priority *i*

Since the change, the new static route is not showing up in the routing table. Given the information provided, which of the following describes the cause of this problem?

- A. The new route's destination subnet overlaps an existing route.
- B. The new route's Distance value should be higher than 10.
- C. The Gateway IP address is not in the same subnet as port1.
- D. The Priority is 0, which means that this route will remain inactive.

Correct Answer: C

**QUESTION 11**

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

- A. It is useful when users log in to DCs that are not monitored by a collector agent.
- B. It takes over as the primary authentication method when configured alongside FSSO.
- C. Multi-domain environments require DC agents on every domain controller.
- D. NTLM-enabled web browsers are required.

Correct Answer: AD

**QUESTION 12**

Examine the exhibit, which shows the output of a web filtering real time debug.

```
Local-FortiGate # diagnose debug enable
Local-FortiGate # diagnose debug application urlfilter -1
Local-FortiGate # msg="received a request /tmp/.wad_192_0_0.url.socket, addr_len
=31: d=www.bing.com:80, id=29, vfname='root', vfid=0, profile='default', type=0,
client=10.0.1.10, url_source=1, url=/"
Url matches local rating
action=10(ftgd-block) wf-act=3(BLOCK) user="N/A" src=10.0.1.10 sport=63683 dst=2
04.79.197.200 dport=80 service="http" cat=26 cat_desc="Malicious Websites" hostn
ame="www.bing.com" url=/"
```

Why is the site www.bing.com being blocked?

- A. The web site www.bing.com is categorized by FortiGuard as Malicious Websites.
- B. The user has not authenticated with the FortiGate yet.
- C. The web server IP address 204.79.197.200 is categorized by FortiGuard as Malicious Websites.
- D. The rating for the web site www.bing.com has been locally overridden to a category that is being blocked.

Correct Answer: D

**QUESTION 13**

Which one of the following processes is involved in updating IPS from FortiGuard?

- A. FortiGate IPS update requests are sent using UDP port 443.
- B. Protocol decoder update requests are sent to service.fortiguard.net.

- C. IPS signature update requests are sent to update.fortiguard.net.
- D. IPS engine updates can only be obtained using push updates.

Correct Answer: C

**QUESTION 14**

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

Destination	Gateway	Interface	Priority	Distance
172.20.168.0/24	172.25.1 76.1	port1	10	20
172.20.168.0/24	172.25.1 78.1	port2	20	20

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

Correct Answer: B

**QUESTION 15**

What FortiGate configuration is required to actively prompt users for credentials?

- A. You must enable one or more protocols that support active authentication on a firewall policy.
- B. You must position the firewall policy for active authentication before a firewall policy for passive authentication
- C. You must assign users to a group for active authentication
- D. You must enable the Authentication setting on the firewall policy

Correct Answer: C