



NSE4_FGT-6.0^{Q&As}

Fortinet NSE 4 - FortiOS 6.0

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**QUESTION 1**

View the following exhibit, which shows the firewall policies and the object uses in the firewall policies.

Address Object

Name	Type	Details
+ Address 24		
all	Subnet	0.0.0.0/0
facebook.com	FQDN	facebook.com
LOCAL_WINDOWS	Subnet	10.0.1.10/32

Internet Service Object

Name 0	Reputation0	Direction0	Protocol 0	Port 0	Number of Ethernet 0
+ Internet Service Database 285					
Facebook.Web 4		Both	TCP	80 443	8.322

Firewall Policies

ID	From	To	Source	Destination	Schedule	Service	Action	NAT
2	port3	port1	LOCAL_WINDOWS	facebook.com	always	All_UDP	Accept	Enabled
3	port1	port3	facebook.com	facebook.com	always	All_UDP	Accept	Enabled
4	port4	port1	LOCAL_WINDOWS	all	always	DNS HTTP HTTPS	Accept	Enabled
5	port3	port1	LOCAL_WINDOWS	Facebook.Web	always		Accept	Enabled
1	port3	port1	all	all	always	All	Accept	Enabled

The administrator is using the Policy Lookup feature and has entered the search create shown in the following exhibit.



Policy Lookup

Policy Lookup

Source Interface	<input type="text" value="port3"/>
Protocol	<input type="text" value="TCP"/>
Source	<input type="text" value="10.0.1.10"/>
Source Port	<input type="text" value="Optional (1-65535)"/>
Destination	<input type="text" value="facebook.com"/>
Destination Port	<input type="text" value="443"/>

Search

Cancel

Which of the following will be highlighted based on the input criteria?

- A. Policy with ID1.
- B. Policies with ID 2 and 3.
- C. Policy with ID 5.
- D. Policy with ID 4.

Correct Answer: A

QUESTION 2

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.

Correct Answer: D

QUESTION 3

Examine the network diagram and the existing FGTI 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	<div>Subnet</div> 172.20.1.0/24	<div>Named Address</div>	<div>Internet Service</div>
Gateway	172.11.12.1		
Interface	port1		
Administrative Distance	10		
Comments	<div></div> 0/255		
Status	<div>Enabled</div> <div>Disabled</div>		

Advanced Options

Priority	0
----------	---

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 4



Examine this output from a debug flow: Which statements about the output are correct? (Choose two.)

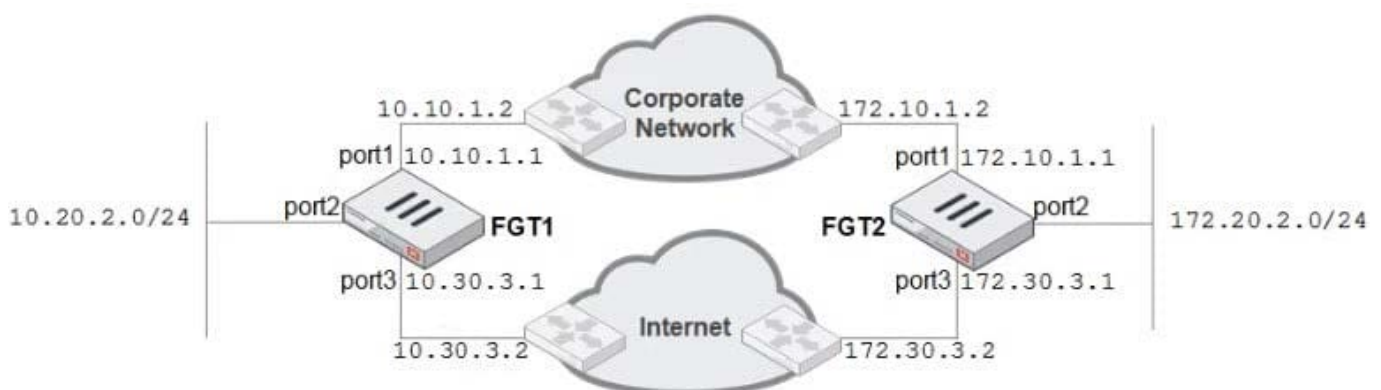
```
id=2 line=4677 msg= "vd-root received a packet (photo =6, 66.171.121.44:80->10.200.1.1:49886) from port1. flag [S.], seg 3567496940, ack 2176715502, win 5840"
id=2 line= 4739 msg= "Find an existing session, id=00007fc0, reply direction"
id=2 line= 2733 msg= "DNAT 10.200.1.1:49886->10.0.1.10:49886"
id=2 line=2582 msg= "find a route: flag= 00000000 gw=10.0.1.10 via port3"
```

- A. FortiGate received a TCP SYN/ACK packet.
- B. The source IP address of the packet was translated to 10.0.1.10.
- C. FortiGate routed the packet through port 3.
- D. The packet was allowed by the firewall policy with the ID 00007fc0.

Correct Answer: AC

QUESTION 5

Examine the network diagram shown in the exhibit, and then answer the following question:



A firewall administrator must configure equal cost multipath (ECMP) routing on FGT1 to ensure both port1 and port3 links are used at the same time for all traffic destined for 172.20.2.0/24. Which of the following static routes will satisfy this requirement on FGT1? (Choose two.)

- A. 172.20.2.0/24 (1/0) via 10.10.1.2, port1 [0/0]
- B. 172.20.2.0/24 (25/0) via 10.30.3.2, port3 [5/0]
- C. 172.20.2.0/24 (25/0) via 10.10.1.2, port1 [5/0]
- D. 172.20.2.0/24 (1/150) via 10.30.3.2, port3 [10/0]

Correct Answer: BC