

# **Fortinet**

# **Exam Questions NSE4\_FGT-7.0**

Fortinet NSE 4 - FortiOS 7.0



## **NEW QUESTION 1**

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. 168. 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: C

#### **Explanation:**

For an IPsec VPN between site A and site B, the administrator has configured the local quick mode selector for site A as 192.168.1.0/24 and the remote quick mode selector as 192.168.2.0/24. This means that the VPN will allow traffic to and from the 192.168.1.0/24 subnet at site A to reach the 192.168.2.0/24 subnet at site B.

To complete the configuration, the administrator must configure the local quick mode selector for site B. To do this, the administrator must use the same subnet as the remote quick mode selector for site A, which is 192.168.2.0/24. This will allow traffic to and from the 192.168.2.0/24 subnet at site B to reach the 192.168.1.0/24 subnet at site A.

Therefore, the administrator must configure the local quick mode selector for site B as 192.168.2.0/24.

#### **NEW QUESTION 2**

Which statement about the policy ID number of a firewall policy is true?

- A. It is required to modify a firewall policy using the CLI.
- B. It represents the number of objects used in the firewall policy.
- C. It changes when firewall policies are reordered.
- D. It defines the order in which rules are processed.

Answer: A

#### **NEW QUESTION 3**

Refer to the exhibit.

```
Fortigate # diagnose sniffer packet any "icmp"
interfaces=[any]
filters=[icmp]
20.370482 port2 in 10.0.1.2 -> 8.8.8.8: icmp: echo request
0x0000
        4500 003c 2f8f 0000 8001 f020 0a00 0102
                                                        E.../.......
0x0010
        0808 0808 0800 4d5a 0001 0001 6162 6364
                                                        .....MZ....abcd
         6566 6768 696a 6b6c 6d6e 6f70 7172 7374
                                                        efghijklmnopqrst
                                                        uvwabcdefghi
         7576 7761 6263 6465 6667 6869
0x0030
20.370805 port1 out 10.56.240.228 -> 8.8.8.8: icmp: echo request
        4500 003c 2f8f 0000 7f01 0106 0a38 f0e4
0x0000
                                                       E..</....8..
         0808 0808 0800 6159 ec01 0001 6162 6364
                                                        ....aY....abcd
         6566 6768 696a 6b6c 6d6e 6f70 7172 7374
0x0020
                                                        efghijklmnopqrst
0x0030
        7576 7761 6263 6465 6667 6869
                                                        uvwabcdefghi
20.372138 port1 in 8.8.8.8 -> 10.56.240.228: icmp: echo reply
       4500 003c 0000 0000 7501 3a95 0808 0808
0x0000
                                                        E.. <....u.:....
         0a38 f0e4 0000 6959 ec01 0001 6162 6364
0x0010
                                                        .8....iY....abcd
0x0020
         6566 6768 696a 6b6c 6d6e 6f70 7172 7374
                                                        efghijklmnopqrst
0x0030
         7576 7761 6263 6465 6667 6869
                                                        uvwabcdefghi
20.372163 port2 out 8.8.8.8 -> 10.0.1.2: icmp: echo reply
       4500 003c 0000 0000 7401 2bb0 0808 0808
0x0000
                                                        E.. <....t.+....
0x0010
        0a00 0102 0000 555a 0001 0001 6162 6364
                                                        .....UZ....abcd
         6566 6768 696a 6b6c 6d6e 6f70 7172 7374
0x0020
                                                        efghijklmnopqrst
0x0030
         7576 7761 6263 6465 6667 6869
                                                        uvwabcdefghi
```

An administrator is running a sniffer command as shown in the exhibit.

Which three pieces of information are included in the sniffer output? (Choose three.)

- A. Interface name
- B. Ethernet header
- C. IP header
- D. Application header
- E. Packet payload

**Answer:** ACE

# **NEW QUESTION 4**

Which two types of traffic are managed only by the management VDOM? (Choose two.)

- A. FortiGuard web filter queries
- B. PKI
- C. Traffic shaping
- D. DNS

Answer: AD



#### **NEW QUESTION 5**

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

### **Explanation:**

Fortigate Infrastructure 7.0 Study Guide P.272-273 https://kb.fortinet.com/kb/documentLink.do?externalID=FD47732

### **NEW QUESTION 6**

The IPS engine is used by which three security features? (Choose three.)

- A. Antivirus in flow-based inspection
- B. Web filter in flow-based inspection
- C. Application control
- D. DNS filter
- E. Web application firewall

**Answer: ABC** 

## **Explanation:**

FortiGate Security 7.2 Study Guide (p.385): "The IPS engine is responsible for most of the features shown in this lesson: IPS and protocol decoders. It's also responsible for application control, flow-based antivirus protection, web filtering, and email filtering."

#### **NEW QUESTION 7**

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

# Explanation:

https://docs.fortinet.com/document/fortigate/6.0.0/handbook/49719/configuring-sd-wan-load-balancing

# **NEW QUESTION 8**

Which of the following are purposes of NAT traversal in IPsec? (Choose two.)

- A. To detect 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 9**

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: CD

# **NEW QUESTION 10**

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: A

# **NEW QUESTION 11**

On FortiGate, which type of logs record information about traffic directly to and from the FortiGate management IP addresses?

- A. System event logs
- B. Forward traffic logs



C. Local traffic logsD. Security logs

Answer: C

### **NEW QUESTION 12**

Which two statements are true about the FGCP protocol? (Choose two.)

- A. FGCP elects the primary FortiGate device.
- B. FGCP is not used when FortiGate is in transparent mode.
- C. FGCP runs only over the heartbeat links.
- D. FGCP is used to discover FortiGate devices in different HA groups.

Answer: AC

### **Explanation:**

The FGCP (FortiGate Clustering Protocol) is a protocol that is used to manage high availability (HA) clusters of FortiGate devices. It performs several functions, including the following:

FGCP elects the primary FortiGate device: In an HA cluster, FGCP is used to determine which FortiGate device will be the primary device, responsible for handling traffic and making decisions about what to allow or block. FGCP uses a variety of factors, such as the device's priority, to determine which device should be the primary.

FGCP runs only over the heartbeat links: FGCP communicates between FortiGate devices in the HA cluster using the heartbeat links. These are dedicated links that are used to exchange status and control information between the devices. FGCP does not run over other types of links, such as data links.

#### **NEW QUESTION 13**

An administrator wants to configure Dead Peer Detection (DPD) on IPSEC VPN for detecting dead tunnels. The requirement is that FortiGate sends DPD probes only when no traffic is observed in the tunnel.

Which DPD mode on FortiGate will meet the above requirement?

- A. Disabled
- B. On Demand
- C. Enabled
- D. On Idle

Answer: D

### **NEW QUESTION 14**

Which feature in the Security Fabric takes one or more actions based on event triggers?

- A. Fabric Connectors
- B. Automation Stitches
- C. Security Rating
- D. Logical Topology

Answer: B

# **NEW QUESTION 15**

Consider the topology:

Application on a Windows machine <--{SSL VPN} -->FGT--> Telnet to Linux server.

An administrator is investigating a problem where an application establishes a Telnet session to a Linux server over the SSL VPN through FortiGate and the idle session times out after about 90 minutes. The administrator would like to increase or disable this timeout.

The administrator has already verified that the issue is not caused by the application or Linux server. This issue does not happen when the application establishes a Telnet connection to the Linux server directly on the LAN.

What two changes can the administrator make to resolve the issue without affecting services running through FortiGate? (Choose two.)

- A. Set the maximum session TTL value for the TELNET service object.
- B. Set the session TTL on the SSLVPN policy to maximum, so the idle session timeout will not happen after 90 minutes.
- C. Create a new service object for TELNET and set the maximum session TTL.
- D. Create a new firewall policy and place it above the existing SSLVPN policy for the SSL VPN traffic, and set the new TELNET service object in the policy.

Answer: CD

# **NEW QUESTION 16**

Which two configuration settings are synchronized when FortiGate devices are in an active-active HA cluster? (Choose two.)

- A. FortiGuard web filter cache
- B. FortiGate hostname
- C. NTP
- D. DNS

Answer: CD

# **Explanation:**

In the 7.2 Infrastructure Guide (page 306) the list of configuration settings that are NOT synchronized includes both 'FortiGate host name' and 'Cache'

**NEW QUESTION 17** 



Which statement about video filtering on FortiGate is true?

A. Full SSL Inspection is not required.

- B. It is available only on a proxy-based firewall policy.
- C. It inspects video files hosted on file sharing services.
- D. Video filtering FortiGuard categories are based on web filter FortiGuard categories.

Answer: B

**NEW QUESTION 18** 



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