

## Exam Questions NSE4\_FGT-7.2

Fortinet NSE 4 - FortiOS 7.2

[https://www.2passeasy.com/dumps/NSE4\\_FGT-7.2/](https://www.2passeasy.com/dumps/NSE4_FGT-7.2/)



#### NEW QUESTION 1

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 2

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 3

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 4

Refer to exhibit.

An administrator configured the web filtering profile shown in the exhibit to block access to all social networking sites except Twitter. However, when users try to access twitter.com, they are redirected to a FortiGuard web filtering block page.

The screenshot displays two configuration panes from a FortiGate device. The left pane is titled 'FortiGuard Category Based Filter' and shows a table of categories and their corresponding actions. The right pane is titled 'Static URL Filter' and shows a table of URLs and their corresponding actions.

Name	Action
Medicine	Allow
News and Media	Allow
Social Networking	Block
Political Organizations	Allow
Reference	Allow
Global Religion	Allow
Shopping	Allow
Society and Lifestyles	Allow
Sports	Allow

URL	Type	Action	Status
twitter.com	Wildcard	Allow	Enable

Based on the exhibit, which configuration change can the administrator make to allow Twitter while blocking all other social networking sites?

- A. On the FortiGuard Category Based Filter configuration, set Action to Warning for Social Networking
- B. On the Static URL Filter configuration, set Type to Simple
- C. On the Static URL Filter configuration, set Action to Exempt.
- D. On the Static URL Filter configuration, set Action to Monitor.

**Answer:** C

#### NEW QUESTION 5

Refer to the exhibits.  
 Exhibit A.

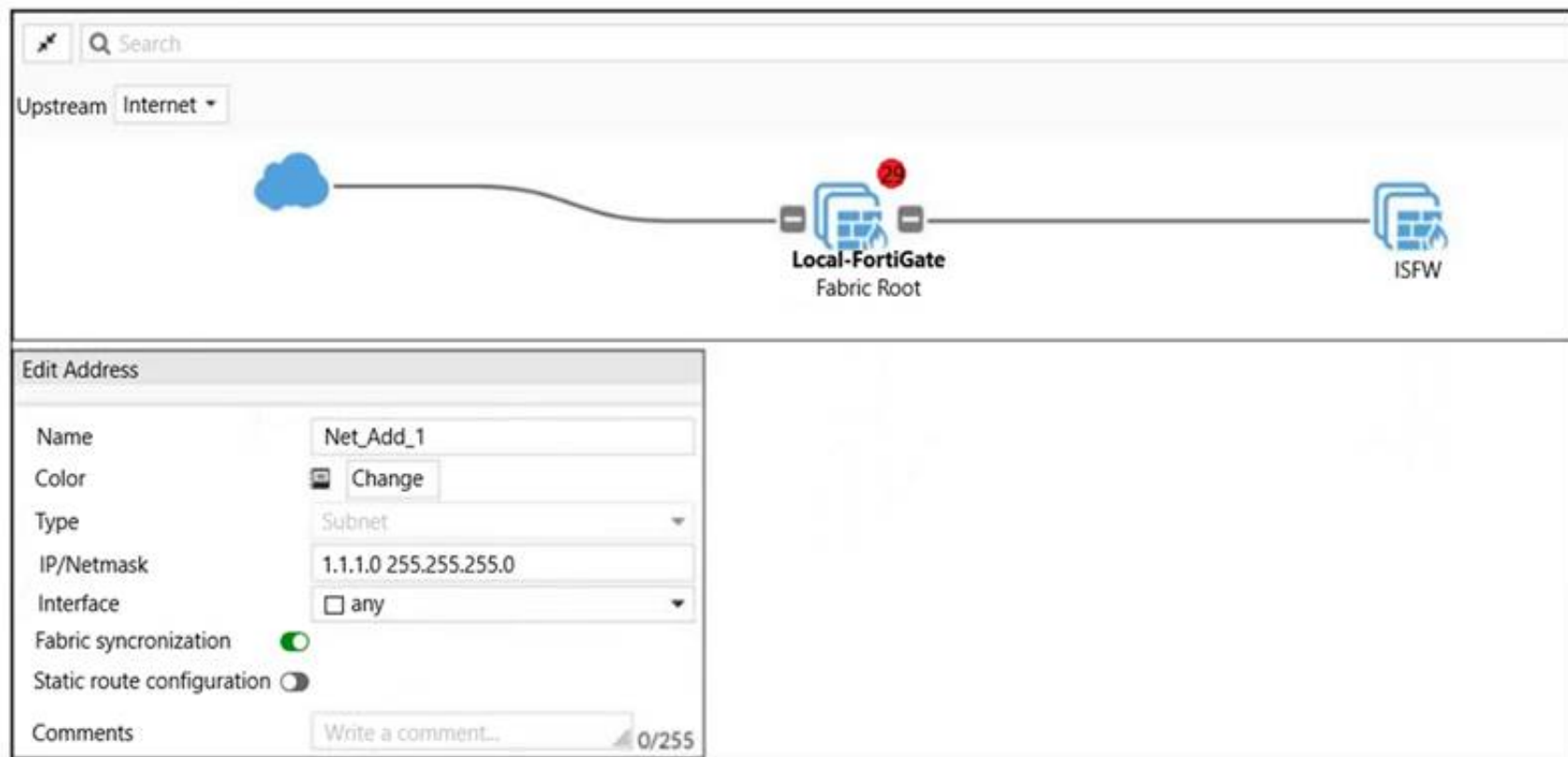


Exhibit B.

```
Local-FortiGate # show full-configuration system csf
config system csf
    set status enable
    set upstream-ip 0.0.0.0
    set upstream-port 8013
    set group-name "fortinet"
    set group-password ENC X18CtzrcUBUq9yz9nryP+YfM16
    BJkv7S/trtoh2gYAe5CH8YMAa0GT18aX+/dKH/o5izw1ZEoN1QN2N
    FGLT4r5z2AyYI8i1PxutiLcsCp1AdZadv1CxDe66IdLX7I6o22J9P
    set accept-auth-by-cert enable
    set log-unification enable
    set authorization-request-type serial
    set fabric-workers 2
    set downstream-access disable
    set configuration-sync default
    set fabric-object-unification local
    set saml-configuration-sync default
```

```
ISFW # show full-configuration system csf
config system csf
    set status enable
    set upstream-ip 10.0.1.254
    set upstream-port 8013
    set group-name ''
    set accept-auth-by-cert enable
    set log-unification enable
    set authorization-request-type serial
    set fabric-workers 2
    set downstream-access disable
    set configuration-sync default
    set saml-configuration-sync default
end

ISFW #
ISFW #
```

An administrator creates a new address object on the root FortiGate (Local-FortiGate) in the security fabric. After synchronization, this object is not available on the downstream FortiGate (ISFW).

What must the administrator do to synchronize the address object?

- A. Change the csf setting on Local-FortiGate (root) to set configuration-sync local.
- B. Change the csf setting on ISFW (downstream) to set configuration-sync local.
- C. Change the csf setting on Local-FortiGate (root) to set fabric-object-unification default.
- D. Change the csf setting on ISFW (downstream) to set fabric-object-unification default.

**Answer: C**

#### NEW QUESTION 6

When configuring a firewall virtual wire pair policy, which following statement is true?

- A. Any number of virtual wire pairs can be included, as long as the policy traffic direction is the same.
- B. Only a single virtual wire pair can be included in each policy.
- C. Any number of virtual wire pairs can be included in each policy, regardless of the policy traffic direction settings.
- D. Exactly two virtual wire pairs need to be included in each policy.

**Answer: A**

#### NEW QUESTION 7

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: BCE**

#### NEW QUESTION 8

An administrator configures FortiGuard servers as DNS servers on FortiGate using default settings. What is true about the DNS connection to a FortiGuard server?

- A. It uses UDP 8888.
- B. It uses UDP 53.

- C. It uses DNS over HTTPS.  
D. It uses DNS over TLS.

**Answer:** B

#### NEW QUESTION 9

You have enabled logging on your FortiGate device for Event logs and all Security logs, and you have set up logging to use the FortiGate local disk . What is the default behavior when the local disk is full?

- A. Logs are overwritten and the only warning is issued when log disk usage reaches the threshold of 95%.  
B. No new log is recorded until you manually clear logs from the local disk .  
C. Logs are overwritten and the first warning is issued when log disk usage reaches the threshold of 75%.  
D. No new log is recorded after the warning is issued when log disk usage reaches the threshold of 95%.

**Answer:** C

#### NEW QUESTION 10

Refer to the exhibit.

```
# diagnose test application ipsmonitor
1: Display IPS engine information
2: Toggle IPS engine enable/disable status
3: Display restart log
4: Clear restart log
5: Toggle bypass status
98: Stop all IPS engines
99: Restart all IPS engines and monitor
```

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:** A

#### NEW QUESTION 10

Refer to the exhibit.



An administrator has configured a performance SLA on FortiGate, which failed to generate any traffic. Why is FortiGate not sending probes to 4.2.2.2 and 4.2.2.1 servers? (Choose two.)

- A. The Detection Mode setting is not set to Passive.  
B. Administrator didn't configure a gateway for the SD-WAN members, or configured gateway is not valid.  
C. The configured participants are not SD-WAN members.  
D. The Enable probe packets setting is not enabled.

**Answer:** BD

#### NEW QUESTION 14

Refer to the exhibit.

A network administrator is troubleshooting an IPsec tunnel between two FortiGate devices. The administrator has determined that phase 1 status is up, but phase 2 fails to come up.





Based on the phase 2 configuration shown in the exhibit, which configuration change will bring phase 2 up?

- A. On Remote-FortiGate, set Seconds to 43200.
- B. On HQ-FortiGate, set Encryption to AES256.
- C. On HQ-FortiGate, enable Diffie-Hellman Group 2.
- D. On HQ-FortiGate, enable Auto-negotiate.

Answer: B

#### NEW QUESTION 16

Refer to the exhibit, which contains a session diagnostic output.

```
session info: proto=17 proto_state=01 duration=254 expire=179 timeout=0 flags=00000000 socktype=0 sockport=0 av_idx=0 use=3
origin-shaper=
reply-shaper=
per_ip_shaper=
class_id=0 ha_id=0 policy_dir=0 tunnel=/ helper=dns-udp vlan_cos=0/255
state=log may_dirty f00 log-start
statistic(bytes/packets/allow_err): org=1420/22/1 reply=5678/22/1 tuples=2
tx speed(Bps/kbps): 5/0 rx speed(Bps/kbps): 22/0
orgin->sink: org pre->post, reply pre->post dev=5->3/3->5 gwy=10.200.1.254/10.0.1.200
hook=post dir=org act=snat 10.0.1.200:2486->208.91.112.53:53(10.200.1.1:62902)
hook=pre dir=reply act=dnat 208.91.112.53:53->10.200.1.1:62902(10.0.1.200:2486)
misc=0 policy_id=3 auth_info=0 chk_client_info=0 vd=0
serial=0001fc1e tos=ff/ff app_list=0 app=0 url_cat=0
rpd_b_link_id= 00000000 rpd_b_svc_id=0 ngfwid=n/a
npu_state=0x040000
```

Which statement is true about the session diagnostic output?

- A. The session is a UDP unidirectional state.
- B. The session is in TCP ESTABLISHED state.
- C. The session is a bidirectional UDP connection.
- D. The session is a bidirectional TCP connection.

Answer: C

Explanation:

https://kb.fortinet.com/kb/viewContent.do?externalId=FD30042

#### NEW QUESTION 19

Which two statements are correct about a software switch on FortiGate? (Choose two.)

- A. It can be configured only when FortiGate is operating in NAT mode
- B. Can act as a Layer 2 switch as well as a Layer 3 router
- C. All interfaces in the software switch share the same IP address
- D. It can group only physical interfaces

Answer: AC

#### NEW QUESTION 20

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 21

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 23

Which two statements explain antivirus scanning modes? (Choose two.)

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

**Answer:** BC

#### Explanation:

An antivirus profile in full scan mode buffers up to your specified file size limit. The default is 10 MB. That is large enough for most files, except video files. If your FortiGate model has more RAM, you may be able to increase this threshold. Without a limit, very large files could exhaust the scan memory. So, this threshold balances risk and performance. Is this tradeoff unique to FortiGate, or to a specific model? No. Regardless of vendor or model, you must make a choice. This is because of the difference between scans in theory, that have no limits, and scans on real-world devices, that have finite RAM. In order to detect 100% of malware regardless of file size, a firewall would need infinitely large RAM--something that no device has in the real world. Most viruses are very small. This table shows a typical tradeoff. You can see that with the default 10 MB threshold, only 0.01% of viruses pass through.

#### NEW QUESTION 28

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 31

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 scanning of application traffic to the DNS protocol only.
- B. It limits the scanning of application traffic to use parent signatures only.
- C. It limits the scanning of application traffic to the browser-based technology category only.
- D. It limits the scanning of application traffic to the application category only.

**Answer:** C

#### Explanation:

<https://docs.fortinet.com/document/fortigate/5.6.0/cookbook/38324/ngfw-policy-based-mode>

#### NEW QUESTION 36

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 38

In consolidated firewall policies, IPv4 and IPv6 policies are combined in a single consolidated policy. Instead of separate policies. Which three statements are true about consolidated IPv4 and IPv6 policy configuration? (Choose three.)

- A. The IP version of the sources and destinations in a firewall policy must be different.
- B. The Incoming Interfac
- C. Outgoing Interfac
- D. Schedule, and Service fields can be shared with both IPv4 and IPv6.
- E. The policy table in the GUI can be filtered to display policies with IPv4, IPv6 or IPv4 and IPv6 sources and destinations.
- F. The IP version of the sources and destinations in a policy must match.
- G. The policy table in the GUI will be consolidated to display policies with IPv4 and IPv6 sources and destinations.

Answer: BDE

#### NEW QUESTION 43

Refer to the exhibit.

The exhibit shows the output of a diagnose command.

```
# diagnose firewall proute list
list route policy info(vf=root):
id=2130903041(0x7f030001) vwl_service=1(Critical-DIA) vwl_mbr_seq=1 2 dscp_tag=0xff 0xff
flags=0x0 tos=0x00 tos_mask=0x00 protocol=0 sport=0-65535 iif=0 dport=1-65535 path(2)
oif=3(port1) oif=4(port2)
source(1): 10.0.1.0-10.0.1.255
destination wildcard(1): 0.0.0.0/0.0.0.0
internet service(3): GoToMeeting(4294836966,0,0,0, 16354)
Microsoft.Office.365.Portal(4294837474,0,0,0, 41468) Salesforce(4294837976,0,0,0, 16920)
hit_count=0 last_used=2022-02-23 05:46:43
```

What does the output reveal about the policy route?

- A. It is an ISDB route in policy route.
- B. It is a regular policy route.
- C. It is an ISDB policy route with an SDWAN rule.
- D. It is an SDWAN rule in policy route.

Answer: C

#### NEW QUESTION 45

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 48

Which two statements are correct about NGFW Policy-based mode? (Choose two.)

- A. NGFW policy-based mode does not require the use of central source NAT policy
- B. NGFW policy-based mode can only be applied globally and not on individual VDOMs
- C. NGFW policy-based mode supports creating applications and web filtering categories directly in a firewall policy
- D. NGFW policy-based mode policies support only flow inspection

Answer: CD

#### NEW QUESTION 51

Refer to the exhibits.

The exhibits show the firewall policies and the objects used in the firewall policies.

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

Exhibit A Exhibit B

### Address Object

Name	Details
IP Range/Subnet 10	
LOCAL_CLIENT	10.0.1.10/32
all	0.0.0.0
FQDN 5	
facebook.com	facebook.com

### Internet Service Object

Name	Direction	Number of Entries
Predefined Internet Services 1,633		
Facebook-Web	Destination	26,578
IP	Port	Protocol
1.9.91.17 - 1.9.91.18	80	TCP
	443	
	8443	
1.9.91.17 - 1.9.91.18	443	UDP
1.9.91.30	443	UDP

### Firewall Policies

ID	From	To	Source	Destination	Schedule	Service	Action	NAT
3	port3	port1	LOCAL_CLIENT	facebook.com	always	ULL_UDP	✓ ACCEPT	Enabled
1	port1	port3	facebook.com	LOCAL_CLIENT	always	ULL_UDP	✓ ACCEPT	Enabled
4	port4	port1	LOCAL_CLIENT	all	always	HTTP DNS HTTPS	✓ ACCEPT	Enabled
5	port3	port1	LOCAL_CLIENT	Facebook-Web	always	Internet Service	✓ ACCEPT	Enabled
2	port3	port1	all	all	always	ALL	✓ ACCEPT	Enabled

Exhibit A Exhibit B

### Policy Lookup

Incoming Interface

port3

IP Version

IPv4

Protocol

TCP

Source

10.0.1.10

Source Port

Optional (1-65535)

Destination

facebook.com

Destination Port

443

Search

Close

Which policy will be highlighted, based on the input criteria?

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

Answer: A

### NEW QUESTION 53

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.



Exhibit A Exhibit B

```
# get system performance status
CPU states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
CPU0 states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
Memory: 2061108k total, 1854997k used (90%), 106111k free (5.1%), 100000k freeable (4.8%)
Average network usage: 83 / 0 kbps in 1 minute, 81 / 0 kbps in 10 minutes, 81 / 0 kbps in 30
minutes
Average sessions: 5 sessions in 1 minute, 3 sessions in 10 minutes, 3 sessions in 30 minutes
Average session setup rate: 0 sessions per second in last 1 minute, 0 sessions per second in last
10 minutes, 0 sessions per second in last 30 minutes
Virus caught: 0 total in 1 minute
IPS attacks blocked: 0 total in 1 minute
Uptime: 10 days, 3 hours, 28 minutes
```

Exhibit A Exhibit B

```
config system global
    set memory-use-threshold-red 88
    set memory-use-threshold-extreme 95
    set memory-use-threshold-green 82
end
```

Based on the system performance output, which two results are correct? (Choose two.)

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

**Answer:** BD

#### NEW QUESTION 58

Refer to the exhibit showing a debug flow output.

```
id=20085 trace_id=1 func=print_pkt_detail line=5594 msg="vd-root:0 received a packet(proto=1,
10.0.1.10:19938->10.0.1.250:2048) from port1. type=8, code=0, id=19938, seq=1."
id=20085 trace_id=1 func=init_ip_session_common line=5760 msg="allocate a new session-00003dd5"
id=20085 trace_id=1 func=vf_ip_route_input_common line=2598 msg="find a route: flag=84000000 gw-
10.0.1.250 via root"
id=20085 trace_id=2 func=print_pkt_detail line=5594 msg="vd-root:0 received a packet(proto=1,
10.0.1.250:19938->10.0.1.10:0) from local. type=0, code=0, id=19938, seq=1."
id=20085 trace_id=2 func=resolve_ip_tuple_fast line=5675 msg="Find an existing session, id-
00003dd5, reply direction"
```

What two conclusions can you make from the debug flow output? (Choose two.)

- A. The debug flow is for ICMP traffic.
- B. The default route is required to receive a reply.
- C. A new traffic session was created.
- D. A firewall policy allowed the connection.

**Answer:** AC

#### NEW QUESTION 63

Which two settings are required for SSL VPN to function between two FortiGate devices? (Choose two.)

- A. The client FortiGate requires a manually added route to remote subnets.
- B. The client FortiGate requires a client certificate signed by the CA on the server FortiGate.
- C. The server FortiGate requires a CA certificate to verify the client FortiGate certificate.
- D. The client FortiGate requires the SSL VPN tunnel interface type to connect SSL VPN.

**Answer:** BC

#### NEW QUESTION 65

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:** AD

#### NEW QUESTION 66

What are two benefits of flow-based inspection compared to proxy-based inspection? (Choose two.)

- A. FortiGate uses fewer resources.
- B. FortiGate performs a more exhaustive inspection on traffic.
- C. FortiGate adds less latency to traffic.
- D. FortiGate allocates two sessions per connection.

**Answer:** AC

#### NEW QUESTION 71

A network administrator enabled antivirus and selected an SSL inspection profile on a firewall policy. When downloading an EICAR test file through HTTP, FortiGate detects the virus and blocks the file. When downloading the same file through HTTPS, FortiGate does not detect the virus and does not block the file, allowing it to be downloaded.

The administrator confirms that the traffic matches the configured firewall policy.

What are two reasons for the failed virus detection by FortiGate? (Choose two.)

- A. The website is exempted from SSL inspection.
- B. The EICAR test file exceeds the protocol options oversize limit.
- C. The selected SSL inspection profile has certificate inspection enabled.
- D. The browser does not trust the FortiGate self-signed CA certificate.

**Answer:** AD

#### NEW QUESTION 73

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 CA extension must be set to TRUE.
- C. The issuer must be a public CA.
- D. The common name on the subject field must use a wildcard name.

**Answer:** AB

#### NEW QUESTION 74

Which two protocols are used to enable administrator access of a FortiGate device? (Choose two.)

- A. FTM
- B. SSH
- C. HTTPS
- D. FortiTelemetry

**Answer:** BC

#### NEW QUESTION 79

Refer to the exhibit.

```
# diagnose test application ipsmonitor

1: Display IPS engine information
2: Toggle IPS engine enable/disable status
3: Display restart log
4: Clear restart log
5: Toggle bypass status
6: Submit attack characteristics now
10: IPS queue length
11: Clear IPS queue length
12: IPS L7 socket statistics
13: IPS session list
14: IPS NTurbo statistics
15: IPSA statistics
...
97: Start all IPS engines
98: Stop all IPS engines
99: Restart all IPS engines and monitor
```

Examine the intrusion prevention system (IPS) diagnostic command shown in the exhibit.

If option 5 is used with the IPS diagnostic command and the outcome is a decrease in the CPU usage, what is the correct conclusion?

- A. The IPS engine is unable to prevent an intrusion attack.
- B. The IPS engine is inspecting a high volume of traffic.
- C. The IPS engine will continue to run in a normal state.
- D. The IPS engine is blocking all traffic.

**Answer:** B

#### NEW QUESTION 83

Which three methods are used by the collector agent for AD polling? (Choose three.)

- A. FortiGate polling
- B. NetAPI
- C. Novell API
- D. WMI
- E. WinSecLog

**Answer:** BDE

#### NEW QUESTION 85

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