

QUESTIONS & ANSWERS

Kill your exam at first Attempt



Fortinet

NSE4-5-4

*Fortinet Network Security Expert 4 Written Exam -
FortiOS 5.4*

QUESTION: 102

Examine the following web filtering log.

```
Date=2016-08-31 time=12:50:06 logid=0316013057 type=utm subtype=webfilter eventtype=ftqd_bk level=warning
vd=root policyid=1 sessionid=149645 user= " " scrip=10.0.1.10 sroport=52919 srcintf= "port3"
dstip=54.230.128.169 dstport=80 dstintf= "port1" proto=6 service="HTTP" hostname= "miniclip.com"
profile= "default" action=blocked reqtype=direct url= "/" sentbyte=286 rcvbyte=0 direction=outgoing msg= "URL
belongs to a category with warnings enabled" method=domain cat=20 catdesc="Games" crscore=30 crlevel=high
```

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: D

QUESTION: 103

View the exhibit.

```
#diagnose hardware sysinfo shm

SHM COUNTER:          10316
SHM allocated:       617643792
SHM total:          1572380672
conserve mode:      on-mem
system last entered: Fri Jun 3 10:16:39 2016
sys fd last entered: n/a
SHM FS total:       1607806976
SHM FS free:        990134272
SHM FS avail:       990134272
SHM FS alloc:       617672704
```

Based on this output, which statements are correct? (Choose two.)

- A. FortiGate generated an event log for system conserve mode.
- B. FortiGate has entered in to system conserve mode.
- C. By default, the FortiGate blocks new sessions.
- D. FortiGate changed the global av-failopen settings to idledrop.

Answer: B, C

QUESTION: 104

View the exhibit.

```

Local-FortiGate # diagnose sys ha checksum cluster

===== FGVM010000058290 =====

is_manage_master () =1, is_root_master () =1
debugzone
global: 85 26 52 f2 f9 6e 3c c9 f5 21 1a 78 69 b6 20 bd
root: 30 51 63 1b 2d ef 77 aa f7 50 00 25 4d 42 a9 7d
all: 38 28 3d e4 24 8f 5b 10 8a 64 30 f2 34 13 c1 35

checksum
global: 85 26 52 f2 f9 6e 3c c9 f5 21 1a 78 69 b6 20 bd
root: 30 51 63 1b 2d ef 77 aa f7 50 00 25 4d 42 a9 7d
all: 38 28 3d e4 24 8f 5b 10 8a 64 30 f2 34 13 c1 35

===== FGVM010000058289 =====

is_manage_master ()=0, is_root_master ()=0
debugzone
global: 85 26 52 f2 f9 6e 3c c9 f5 21 1a 78 69 b6 20 bd
root: 30 51 63 1b 2d ef 77 aa f7 50 00 25 4d 8a 55 8b
all: 38 28 3d e4 24 8f 5b 10 8a 64 30 f2 34 dc 9a 43

```

Which statements are correct, based on this output? (Choose two.)

- A. The FortiGate have three VDOMs.
- B. The all VDOM is not synchronized between the primary and secondary FortiGate.
- C. The global configuration is synchronized between the primary and secondary FortiGate.
- D. The root VDOM is not synchronized between the primary and secondary FortiGate.

Answer: A, C

QUESTION: 105

View the example routing table.

```
S* 0.0.0.0/0 [10/0] via 172.20.121.2, port1
C 172.20.121.0/24 is directly connected, port1
C 172.20.168.0/24 is directly connected, port2
C 172.20.167.0/24 is directly connected, port3
S 10.20.30.0/26 [10/0] via 172.20.168.254, port2
S 10.20.30.0/24 [10/0] via 172.20.167.254, port3
```

Which route will be selected when trying to reach 10.20.30.254?

- A. 10.20.30.0/26 [10/0] via 172.20.168.254, port2
- B. The traffic will be dropped because it cannot be routed.
- C. 10.20.30.0/24 [10/0] via 172.20.167.254, port3
- D. 0.0.0.0/0 [10/0] via 172.20.121.2, port1

Answer: C

QUESTION: 106

Examine this PAC file configuration.

```
function FindProxyForURL (url, host) {
  if (shExpMatch (url, "*.fortinet.com/*")) {
    return "DIRECT";}
  if (isInNet (host, "172.25.120.0", "255.255.255.0")) {
    return "PROXY altproxy.corp.com: 8060";}
  return "PROXY proxy.corp.com: 8090";
}
```

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

- A. Browsers can be configured to retrieve this PAC file from the FortiGate.
- B. Any web request to the 172.25.120.0/24 subnet is allowed to bypass the proxy.
- C. All requests not made to Fortinet.com or the 172.25.120.0/24 subnet, have to go through altproxy.corp.com: 8060.
- D. Any web request fortinet.com is allowed to bypass the proxy.

Answer: A, D

QUESTION: 107

An administrator wants to configure a FortiGate as a DNS server. The FortiGate must use its DNS database first, and then relay all irresolvable queries to an external DNS server. Which of the following DNS method must you use?

- A. Non-recursive
- B. Recursive
- C. Forward to primary and secondary DNS
- D. Forward to system DNS

Answer: B

QUESTION: 108

You are tasked to architect a new IPsec deployment with the following criteria:

- There are two HQ sites that all satellite offices must connect to.
- The satellite offices do not need to communicate directly with other satellite offices.
- No dynamic routing will be used.
- The design should minimize the number of tunnels being configured. Which topology should be used to satisfy all of the requirements?

- A. Redundant
- B. Hub-and-spoke
- C. Partial mesh
- D. Fully meshed

Answer: B

QUESTION: 109

Which statements best describe auto discovery VPN (ADVPN). (Choose two.)

- A. It requires the use of dynamic routing protocols so that spokes can learn the routes to other spokes.
- B. ADVPN is only supported with IKEv2.
- C. Tunnels are negotiated dynamically between spokes.

D. Every spoke requires a static tunnel to be configured to other spokes so that phase 1 and phase 2 proposals are defined in advance.

Answer: A, C

QUESTION: 110

An administrator has disabled Accept push updates under Antivirus & IPS Updates. Which statements is true when this setting is disabled?

- A. The extreme database is disabled.
- B. New AV definitions are not added to FortiGate as soon as they are releases by FortiGuard.
- C. Administrators cannot manually upload new AV definitions to the FortiGate.
- D. FortiGate does not send files to FortiSandbox for inspection.

Answer: B

QUESTION: 111

An administrator wants to create a policy-based IPsec VPN tunnel between two FortiGate devices. Which configuration steps must be performed on both units to support this scenario? (Choose three.)

- A. Define the phase 2 parameters.
- B. Set the phase 2 encapsulation method to transport mode.
- C. Define at least one firewall policy, with the action set to IPsec.
- D. Define a route to the remote network over the IPsec tunnel.
- E. Define the phase 1 parameters, without enabling IPsec interface mode.

Answer: A, C, E

QUESTION: 112

An administrator has blocked Netflix login in a cloud access security inspection (CASI) profile. The administrator has also applied the CASI profile to a firewall policy. What else is required for the CASI profile to work properly?

- A. You must enable logging for security events on the firewall policy.
- B. You must activate a FortiCloud account.
- C. You must apply an application control profile to the firewall policy.
- D. You must enable SSL inspection on the firewall policy.

Answer: D

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