

Exam : NSE7\_EFW-6.0

**Title**: Fortinet NSE 7 - Enterprise

Firewall 6.0

Version: DEMO

1. View the central management configuration shown in the exhibit, and then answer the question below.

```
config system central-management
    set type fortimanager
    set fmg "10.0.1.242"
    config server-list
         edit 1
              set server-type rating
             set server-address 10.0.1.240
         next.
         edit 2
             set server-type update
             set server-address 10.0.1.243
         next
         edit 3
             set server-type rating
             set server-address 10.0.1.244
         next
    end
    set include-default-servers enable
end
```

Which server will FortiGate choose for antivirus and IPS updates if 10.0.1.243 is experiencing an outage?

A. 10.0.1.240

B. One of the public FortiGuard distribution servers

C. 10.0.1.244

D. 10.0.1.242

Answer: B

2. View the exhibit, which contains the output of diagnose sys session list, and then answer the question below.

```
# diagnose sys session list
session info: proto=6 proto state=01 duration=73 expire=3597 timeout=3600
flags=00000000 sockflag=00000000 sockport=0 av idx=0 use=3
origin-shaper=
reply-shaper=
per ip shaper=
class id=0 ha id=0 policy dir=0 tunnel=/ vlan cos=0/255
state=may dirty synced none app ntf
statistic(bytes/packets/allow err): org=822/11/1 reply=9037/15/1 tuples=2
orgin->sink: org pre->post, reply pre->post dev=4->2/2->4
gwy=100.64.1.254/10.0.1.10
hook=post dir=org act=snat 10.0.1.10:65464->54.192.15.182:80(100.64.1.1:65464)
hook=pre dir=reply act=dnat 54.192.15.182:80->100.64.1.1:65464(10.0.1.10:65464)
pos/(before,after) 0/(0,0), 0/(0,0)
misc=0 policy id=1 auth info=0 chk client info=0 vd=0
serial=00000098 tos=ff/ff ips view=0 app list=0 app=0
dd type=0 dd mode=0
```

If the HA ID for the primary unit is zero (0), which one of the following statements about the output is true?

- A. This session is for HA heartbeat traffic.
- B. This session cannot be synced with the slave unit.
- C. The master unit is processing this traffic.
- D. The inspection of this session has been offloaded to the slave unit.

Answer: C

- 3. Which of the following tasks are automated using the Install Wizard on FortiManager? (Choose two.)
- A. Install configuration changes to managed devices.
- B. Preview pending configuration changes for managed devices.
- C. Import policy packages from managed devices.
- D. Add devices to FortiManager.
- E. Import interface mappings from managed devices

Answer: A,B

4. View the exhibit, which contains a session table entry, and then answer the question below.

```
FGT = diagnose sys session list
session info: proto=6 proto_state=11 duration=35 expire=265 timeout=300 flags=000000000
sockflag=00000000 sockport=0 av idx=0 use=4
origin-shaper=
reply-shaper=
per_ip_shaper=
class_id=0 ha_id=0 policy_dir=0 tunnel=/ vlan_cos=0/255
state=redir local may_dirty none app_ntf
statistic(bytes/packets/allow_err): org=3208/25/1 reply=11144/29/1 tuples=2
tx speed(Bps/kbps): 0/0 rx speed(Bps/kbps): 0/0
orgin->sink: org pre->post, reply pre->post dev=7->6/6->7 gwy=172.20.121.2/10.0.0.2
hook=post dir=org act=snat 192.167.1.100:49545->216.58.216.238:443(172.20.121.96:49545)
hook=pre dir=reply act=dnat 216.58.216.238:443->172.20.121.96:49545(192.167.1.100:49545)
pos/(before,after) 0/(0,0), 0/(0,0)
src mac=08:5b:0e:6c:7b:7a
misc=0 policy_id=21 auth_info=0 chk_client_info=0 vd=0 serial=007f2948 tos=ff/ff app_list=0 app=0 url_cat=41
rpdb_link_id = 000000000
dd_type=0 dd_mode=0
npu state=000000000
npu info: flag=0x00/0x00, offload=0/0, ips offload=0/0, epid=0/0, ipid=0/0, vlan=0x0000/0x0000
vlifid=0/0, vtag_in=0x0000/0x0000 in_npu=0/0, out_npu=0/0, fwd_en=0/0, qid=0/0
```

Which one of the following statements is true regarding FortiGates's inspection of this session?

- A. FortiGate applied flow-based inspection.
- B. FortiGate applied proxy-based inspection.
- C. FortiGate forwarded this session without any inspection.
- D. FortiGate applied NGFW flow-based inspection.

Answer: B

5. View the exhibit, which contains the output of a BGP debug command, and then answer the question below.

```
FGT # get router info bgp summary
BGP router identifier 0.0.0.117, local AS number 65117
BGP table version is 104
3 BGP AS-PATH entries
O BGP community entries
                                                                      State/PfxRcd
             V
                  AS
                       MsgRcvd MsgSent TblVer
                                                 InQ OutQ
Neighbor
                                                            Up/Down
             4 65060
10.125.0.60
                                1756
                                         103
                                                  0
                                                        n
                                                            03:02:49
                       1698
                                                                           1
                                2250
10.127.0.75
             4 65075
                       2206
                                         102
                                                  0
                                                        0
                                                            02:45:55
                                                                           1
100.64.3.1
              4 65501
                       101
                                115
                                          0
                                                        0
                                                            never
                                                                       Active
Total number of neighbors 3
```

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

A. The local router's BGP state is Established with the 10.125.0.60 peer.

- B. Since the counters were last reset; the 10.200.3.1 peer has never been down.
- C. The local router has received a total of three BGP prefixes from all peers.
- D. The local router has not established a TCP session with 100.64.3.1.

Answer: A,D