

# Fortinet

## Exam Questions NSE7\_EFW

NSE7 Enterprise Firewall - FortiOS 5.4



### NEW QUESTION 1

Which of the following statements are true regarding the SIP session helper and the SIP application layer gateway (ALG)? (Choose three.)

- A. SIP session helper runs in the kernel; SIP ALG runs as a user space process.
- B. SIP ALG supports SIP HA failover; SIP helper does not.
- C. SIP ALG supports SIP over IPv6; SIP helper does not.
- D. SIP ALG can create expected sessions for media traffic; SIP helper does not.
- E. SIP helper supports SIP over TCP and UDP; SIP ALG supports only SIP over UD

**Answer:** BCD

### NEW QUESTION 2

A FortiGate device has the following LDAP configuration:

```
config user ldap
  edit "WindowsLDAP"
    set server "10.0.1.10"
    set cnid "cn"
    set dn "cn=Users, dc=trainingAD, dc=training, dc=lab"
    set type regular
    set username "dc=trainingAD, dc=training, dc=lab"
    set password xxxxxxxx
  next
end
```

The administrator executed the 'dsquery' command in the Windows LDAP server 10.0.1.10, and got the following output:

>dsquery user -samid administrator

"CN=Administrator, CN=Users, DC=trainingAD, DC=training, DC=lab" Based on the output, what FortiGate LDAP setting is configured incorrectly?

- A. cnid.
- B. username.
- C. password.
- D. d

**Answer:** A

### NEW QUESTION 3

Which of the following statements is true regarding a FortiGate configured as an explicit web proxy?

- A. FortiGate limits the number of simultaneous sessions per explicit web proxy use
- B. This limit CANNOT be modified by the administrator.
- C. FortiGate limits the total number of simultaneous explicit web proxy users.
- D. FortiGate limits the number of simultaneous sessions per explicit web proxy use
- E. The limit CAN be modified by the administrator.
- F. FortiGate limits the number of workstations that authenticate using the same web proxy user credential
- G. This limit CANNOT be modified by the administrator.

**Answer:** C

### NEW QUESTION 4

A corporate network allows Internet Access to FSSO users only. The FSSO user student does not have Internet access after successfully logged into the Windows AD network. The output of the 'diagnose debug authd fssolist' command does not show student as an active FSSO user. Other FSSO users can access the Internet without problems. What should the administrator check? (Choose two.)

- A. The user student must not be listed in the CA's ignore user list.
- B. The user student must belong to one or more of the monitored user groups.
- C. The student workstation's IP subnet must be listed in the CA's trusted list.
- D. At least one of the student's user groups must be allowed by a FortiGate firewall polic

**Answer:** BD

### NEW QUESTION 5

An administrator has decreased all the TCP session timers to optimize the FortiGate memory usage. However, after the changes, one network application started to have problems. During the troubleshooting, the administrator noticed that the FortiGate deletes the sessions after the clients send the SYN packets, and before the arrival of the SYN/ACKs. When the SYN/ACK packets arrive to the FortiGate, the unit has already deleted the respective sessions. Which TCP session timer must be increased to fix this problem?

- A. TCP half open.
- B. TCP half close.
- C. TCP time wait.
- D. TCP session time to liv

**Answer:** A

**NEW QUESTION 6**

An administrator is running the following sniffer in a FortiGate:  
 diagnose sniffer packet any "host 10.0.2.10" 2  
 What information is included in the output of the sniffer? (Choose two.)

- A. Ethernet headers.
- B. IP payload.
- C. IP headers.
- D. Port name

**Answer: BC**

**NEW QUESTION 7**

Examine the partial output from two web filter debug commands; then answer the question below:

```
# diagnose test application urlfilter 3
Domain | IP      DB Ver  T URL
34000000| 34000000  16.40224 P Bhttp://www.fgt99.com/
# get webfilter categories
g07 General Interest - Business:
  34 Finance and Banking
  37 Search Engines and Portals
  43 General Organizations
  49 Business
  50 Information and Computer Security
  51 Government and Legal Organizations
  52 Information Technology
```

Based on the above outputs, which is the FortiGuard web filter category for the web site www.fgt99.com?

- A. Finance and banking
- B. General organization.
- C. Business.
- D. Information technolog

**Answer: C**

**NEW QUESTION 8**

Examine the output of the 'get router info bgp summary' command shown in the exhibit; then answer the question below.

```
# 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
0 BGP community entries

Neighbor  V  AS  MsgRcvd  MsgSent  TblVer  InQ  OutQ  Up/Down  State/PfxRcd
10.125.0.60 4 65060  1698      1756    103    0    0 03:02:49      1
10.127.0.75 4 65075  2206      2250    102    0    0 02:45:55      1
10.200.3.1  4 65501   101        115     0     0    0 never          Active

Total number of neighbors 3
```

Which statements are true regarding the output in the exhibit? (Choose two.)

- A. BGP state of the peer 10.125.0.60 is Established.
- B. BGP peer 10.200.3.1 has never been down since the BGP counters were cleared.
- C. Local BGP peer has not received an OpenConfirm from 10.200.3.1.
- D. The local BGP peer has received a total of 3 BGP prefixe

**Answer: AC**

**NEW QUESTION 9**

A FortiGate is configured as an explicit web proxy. Clients using this web proxy are reposting DNS errors when accessing any website. The administrator executes the following debug commands and observes that the n-dns-timeout counter is increasing:

```
#diagnose test application wad 2200
#diagnose test application wad 104
DNS Stats:
n_dns_reqs=878  n_dns_fails= 2  n_dns_timeout=875
n_dns_success=0

n_snd_retries=0  n_snd_fails=0 n_snd_success=0 n_dns_overflow=0
n_build_fails=0
```

What should the administrator check to fix the problem?

- A. The connectivity between the FortiGate unit and the DNS server.
- B. The connectivity between the client workstations and the DNS server.
- C. That DNS traffic from client workstations is allowed by the explicit web proxy policies.
- D. That DNS service is enabled in the explicit web proxy interface.

**Answer:** AB

**NEW QUESTION 10**

Which real time debug should an administrator enable to troubleshoot RADIUS authentication problems?

- A. Diagnose debug application radius -1.
- B. Diagnose debug application fnbamd -1.
- C. Diagnose authd console -log enable.
- D. Diagnose radius console -log enable.

**Answer:** A

**NEW QUESTION 10**

An administrator has configured a FortiGate device with two VDOMs: root and internal. The administrator has also created an inter-VDOM link that connects both VDOMs. The objective is to have each VDOM advertise some routes to the other VDOM via OSPF through the inter-VDOM link. What OSPF configuration settings must match in both VDOMs to have the OSPF adjacency successfully forming? (Choose three.)

- A. Router ID.
- B. OSPF interface area.
- C. OSPF interface cost.
- D. OSPF interface MTU.
- E. Interface subnet mask.

**Answer:** BDE

**NEW QUESTION 14**

An administrator has configured a dial-up IPsec VPN with one phase 2, extended authentication (XAuth) and IKE mode configuration. The administrator has also enabled the IKE real time debug: diagnose debug application ike-1  
diagnose debug enable

In which order is each step and phase displayed in the debug output each time a new dial-up user is connecting to the VPN?

- A. Phase1; IKE mode configuration; XAuth; phase 2.
- B. Phase1; XAuth; IKE mode configuration; phase2.
- C. Phase1; XAuth; phase 2; IKE mode configuration.
- D. Phase1; IKE mode configuration; phase 2; XAuth

**Answer:** D

**NEW QUESTION 19**

When does a RADIUS server send an Access-Challenge packet?

- A. The server does not have the user credentials yet.
- B. The server requires more information from the user, such as the token code for two-factor authentication.
- C. The user credentials are wrong.
- D. The user account is not found in the server.

**Answer:** B

**NEW QUESTION 20**

A FortiGate has two default routes:

```
config router static
  edit 1
    set gateway 10.200.1.254
    set priority 5
    set device "port1"
  next
  edit2
    set gateway 10.200.2.254
    set priority 10
    set device "port2"
  next
end
```

All Internet traffic is currently using port1. The exhibit shows partial information for one sample session of Internet traffic from an internal user:

```
# diagnose sys session list
Session info: proto=6 proto_state=01 duration =17 expire=7 timeout=3600
flags= 00000000 sockflag=00000000 sockport=0 av idx=0 use=3
ha_id=0 policy_dir=0 tunnel=/
state=may_dirty none app_ntf
statistic (bytes/packets/allow_err): org=575/7/1 reply=23367/19/1 tuples=2
origin->sink: org pre->post, reply pre->post dev=4->2/2->4
gwy=10.200.1.254/10.0.1.10
hook=post dir=org act=snat 10.0.1.10:64907-
>54.239.158.170:80(10.200.1.1:64907)
hook=pre dir=reply act=dnat 54.239.158.170:80-
>10.200.1.1:64907(10.0.1.10:64907)
pos/(before, after) 0/(0,0), 0/(0,0)
misc=0 policy_id=1 auth_info=0 chk_client_info=0 vd=0
serial=00000294 tos=ff/ff ips_view=0 app_list=0 app=0
dd_type=0 dd_mode=0
```

What would happen with the traffic matching the above session if the priority on the first default route (IDd1) were changed from 5 to 20?

- A. Session would remain in the session table and its traffic would keep using port1 as the outgoing interface.
- B. Session would remain in the session table and its traffic would start using port2 as the outgoing interface.
- C. Session would be deleted, so the client would need to start a new session.
- D. Session would remain in the session table and its traffic would be shared between port1 and port2.

**Answer: A**

**NEW QUESTION 24**

Examine the output of the 'get router info bgp summary' command shown in the exhibit; then answer the question below.

```
Student# get router info bgp summary
BGP router identifier 10.200.1.1, local AS number 65500
BGP table version is 2
1 BGP AS-PATH entries
0 BGP community entries

Neighbor V AS MsgRcvd MsgSent TblVer InQ OutQ Up/Down State/PfxRcd
10.200.3.1 4 65501 92 112 0 0 0 never Connect

Total number of neighbors 1
```

Which statement can explain why the state of the remote BGP peer 10.200.3.1 is Connect?

- A. The local peer is receiving the BGP keepalives from the remote peer but it has not received any BGP prefix yet.
- B. The TCP session for the BGP connection to 10.200.3.1 is down.
- C. The local peer has received the BGP prefix from the remote peer.
- D. The local peer is receiving the BGP keepalives from the remote peer but it has not received the OpenConfirm yet.

**Answer: B**

**NEW QUESTION 27**

Examine the output from the 'diagnose vpn tunnel list' command shown in the exhibit; then answer the question below.

```
#diagnose vpn tunnel list
name-Dial Up_0 ver=1 serial=5 10.200.1.1:4500->10.200.3.2: 64916 lgwy=static
nun=intf mode=dial_inst.bound if=2
parent=DialUp index=0
proxyid_um=1 child_num=0 refcnt=8 ilast=4 olast=4
stat: rxp=104 txp=8 rxb=27392 txb=480
dpd: mode=active on=1 idle=5000ms retry=3 count=0 segno=70
natt: mode=silent draft=32 interval= 10 remote_port=64916
proxyid= DialUp proto=0 sa=1 ref=2 serial=1 add-route
  src: 0:0.0.0.0.-255.255.255.255:0
  dst: 0:10.0.10.10.-10.0.10.10:0
  SA: ref=3 options= 00000086 type=00 soft=0 mtu=1422 expire =42521
replaywin=2048 seqno=9
life: type=01 bytes=0/0 timeout= 43185/43200
dec: spi=cb3a632a esp=aes key=16 7365e17a8fd555ec38bffa47d650c1a2
  ah=sha1 key=20 946bfb9d23b8b53770dcf48ac2af82b8ccc6aa85
enc: spi=da6d28ac esp=aes key=16 3dcf44ac7c816782ea3d0c9a977ef543
  ah=sha1 key=20 7cfde587592fc4635ab8db8ddf0d851d868b243f
dec:pkts/bytes=104/19926, enc:pkts/bytes=8/1024
```

Which command can be used to sniff the ESP traffic for the VPN DialUP\_0?

- A. diagnose sniffer packet any 'port 500'
- B. diagnose sniffer packet any 'esp'
- C. diagnose sniffer packet any 'host 10.0.10.10'
- D. diagnose sniffer packet any 'port 4500'

**Answer: B**

#### NEW QUESTION 32

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**

**NEW QUESTION 33**

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

```

NGFW-1 # diagnose sys session stat
misc info:      session_count=591  setup_rate=0  exp_count=0
clash=162  memory_tension_drop=0  ephemeral=0/65536
removeable=0
delete=0, flush=0, dev_down=0/0
TCP sessions:
    166 in NONE state
    1 in ESTABLISHED state
    3 in SYN_SENT state
    2 in TIME_WAIT state
firewall error stat:
error1=00000000
error2=00000000
error3=00000000
error4=00000000
tt=00000000
cont=00000000
ids_recv=00000000
url_recv=00000000
av_recv=00000000
fqdn_count=00000006
global: ses_limit=0  ses6_limit=0  rt_limit=0  rt6_limit=0
    
```

Which statements are correct regarding the output shown? (Choose two.)

- A. There are 0 ephemeral sessions.
- B. All the sessions in the session table are TCP sessions.
- C. No sessions have been deleted because of memory pages exhaustion.
- D. There are 166 TCP sessions waiting to complete the three-way handshak

**Answer: AD**

**NEW QUESTION 37**

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

```

#dia hardware sysinfo shm
SHM counter:      150
SHM allocated:    0
SHM total:        625057792
conserve mode: on - mem
system last entered: Mon Apr 24 16:36:37 2017
sys fd last entered: n/a
SHM FS total:    641236992
SHM FS free:     641208320
SHM FS avail:    641208320
SHM FS alloc:    28672
    
```

What statement is correct about this FortiGate?

- A. It is currently in system conserve mode because of high CPU usage.
- B. It is currently in FD conserve mode.
- C. It is currently in kernel conserve mode because of high memory usage.
- D. It is currently in system conserve mode because of high memory usag

**Answer: D**

**NEW QUESTION 39**

Which statements about bulk configuration changes using FortiManager CLI scripts are correct? (Choose two.)

- A. When executed on the Policy Package, ADOM database, changes are applied directly to the managed FortiGate.
- B. When executed on the Device Database, you must use the installation wizard to apply the changes to the managed FortiGate.
- C. When executed on the All FortiGate in ADOM, changes are automatically installed without creating a new revision history.
- D. When executed on the Remote FortiGate directly, administrators do not have the option to review the changes prior to installation.

**Answer:** AD

**NEW QUESTION 44**

Which of the following tasks are automated using the Install Wizard on FortiManager? (Choose two.)

- A. Preview pending configuration changes for managed devices.
- B. Add devices to FortiManager.
- C. Import policy packages from managed devices.
- D. Install configuration changes to managed devices.
- E. Import interface mappings from managed device

**Answer:** BD

**NEW QUESTION 45**

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=
ha_id=0 policy_dir=0 tunnel=/
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=10.200.1.254/10.0.1.10
hook=post dir=org act=snst 10.0.1.10:65464->54.192.15.182:80(10.200.1.1:65464
hook-pre dir=reply act=dnat 54.192.15.182:80->10.200.1.1:65464(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 statement is correct regarding the output?

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

**Answer:** B

**NEW QUESTION 47**

View the exhibit, which contains an entry in the session table, and then answer the question below.

```
session info: proto=6 proto_state=11 duration=53 expire=265 timeout=300 flags=00000000
sockflag=00000000
origin-shaper=
reply-shaper=
per_ip_shaper=
ha_id=0 policy_dir=0 tunnel=/ vlan_cos=0/255
user=AALI state=redir log local may_dirty npu nlb none acct-ext
statistic (bytes/packets/allow_err): org=2651/17/1 reply=19130/28/1 tuples=3
tx speed (Bps/kbps): 75/0 rx speed (Bps/kbps): 542/4
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)
hook=post dir=reply act=noop 216.58.216.238:443->192.167.1.100:49545 (0.0.0.0:0)
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
dd_type=0 dd_mode=0
npu_state=00000000
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 FortiGate's inspection of this session?

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

Answer: B

**NEW QUESTION 51**

View the exhibit, which contains the partial output of a diagnose command, and then answer the question below.

```
Spoke-2 # dia vpn tunnel list
list all ipsec tunnel in vd 0
name=VPN ver=1 serial=1 10.200.5.1:0->10.200.4.1:0
bound_if=3 lgwy=static/1 tun=intf/0 mode=auto/1 encap=none/0
proxyid_num=1 child_num=0 refcnt=15 ilast=10 olast=792 auto-discovery=0
stat: rxp=0 txp=0 rxb=0 txb=0
dpd: mode=on-demand on=1 idle=20000 ms retry=3 count=0 seqno=0
natt: mode=none draft=0 interval=0 remote_port=0
proxyid=VPN proto=0 sa=1 ref=2 serial=1
  src: 0:10.1.2.0/255.255.0:0
  dst: 0:10.1.1.0/255.255.255.0:0
  SA: ref=3 options=2e type=00 soft=0 mtu=1438 expire=42403/0B replaywin=2048 seqno=1 esn=0
replaywin_lastseq=00000000
life: type=01 bytes=0/0 timeout=43177/43200
dec: spi=cccl1f66d esp=aes key=16 280e5cd6f9bacc65ac771556c464ffbd
  ah=sha1 key=20 c68091d68753578785de6a7a6b276b506c527efe
enc: spi=df14200b esp=aes key=16 b02a7e9f5542b69aff6aa391738ee393
  ah=sha1 key20 889f7529887c215c25950be2ba83e6fela5367be
dec:pkts/bytes=0/0, enc:pkts/bytes=0/0
```

Based on the output, which of the following statements is correct?

- A. Anti-reply is enabled.
- B. DPD is disabled.
- C. Quick mode selectors are disabled.
- D. Remote gateway IP is 10.200.5.1.

Answer: A

**NEW QUESTION 52**

View the exhibit, which contains the partial output of an IKE real-time debug, and then answer the question below.

```
ike 0:c49e59846861b0f6/0000000000000000:278: responder: main mode get 1st message...
ike 0:c49e59846861b0f6/0000000000000000:278: incoming proposal:
ike 0:c49e59846861b0f6/0000000000000000:278: proposal id = 0:
ike 0:c49e59846861b0f6/0000000000000000:278:   protocol id = ISAKMP:
ike 0:c49e59846861b0f6/0000000000000000:278:     trans_id = KEY_IKE.
ike 0:c49e59846861b0f6/0000000000000000:278:     encapsulation = IKE/none
ike 0:c49e59846861b0f6/0000000000000000:278:     type=OAKLEY_ENCRYPT_ALG, val=3DES_CBC.
ike 0:c49e59846861b0f6/0000000000000000:278:     type=OAKLEY_HASH_ALG, val=SHA2_256.
ike 0:c49e59846861b0f6/0000000000000000:278:     type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0:c49e59846861b0f6/0000000000000000:278:     type=OAKLEY_GROUP, val=MODP2048.
ike 0:c49e59846861b0f6/0000000000000000:278: ISAKMP SA lifetime=86400
...
ike 0:c49e59846861b0f6/0000000000000000:278: my proposal, gw VPN:
ike 0:c49e59846861b0f6/0000000000000000:278: proposal id = 1:
ike 0:c49e59846861b0f6/0000000000000000:278:   protocol id = ISAKMP:
ike 0:c49e59846861b0f6/0000000000000000:278:     trans_id = KEY_IKE.
ike 0:c49e59846861b0f6/0000000000000000:278:     encapsulation = IKE/none
ike 0:c49e59846861b0f6/0000000000000000:278:     type=OAKLEY_ENCRYPT_ALG, val=AES_CBC,
key-len=256
ike 0:c49e59846861b0f6/0000000000000000:278:     type=OAKLEY_HASH_ALG, val=SHA2_256.
ike 0:c49e59846861b0f6/0000000000000000:278:     type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0:c49e59846861b0f6/0000000000000000:278:     type=OAKLEY_GROUP, val=MODP2048.
ike 0:c49e59846861b0f6/0000000000000000:278: ISAKMP SA lifetime=86400
...
ike 0:c49e59846861b0f6/0000000000000000:278: negotiation failure
ike Negotiate ISAKMP SA Error: ike 0:c49e59846861b0f6/0000000000000000:278:
proposal chosen
...
```

Why didn't the tunnel come up?

- A. The pre-shared keys do not match.
- B. The remote gateway's phase 2 configuration does not match the local gateway's phase 2 configuration.
- C. The remote gateway's phase 1 configuration does not match the local gateway's phase 1 configuration.
- D. The remote gateway is using aggressive mode and the local gateway is configured to use man mode.

Answer: C

**NEW QUESTION 56**

An administrator has configured two FortiGate devices for an HA cluster. While testing the HA failover, the administrator noticed that some of the switches in the network continue to send traffic to the former primary unit. The administrator decides to enable the setting link-failed-signal to fix the problem. Which statement is correct regarding this command?

- A. Forces the former primary device to shut down all its non-heartbeat interfaces for one second while the failover occurs.
- B. Sends an ARP packet to all connected devices, indicating that the HA virtual MAC address is reachable through a new master after a failover.
- C. Sends a link failed signal to all connected devices.
- D. Disables all the non-heartbeat interfaces in all the HA members for two seconds after a failover

Answer: A

**NEW QUESTION 59**

View these partial outputs from two routing debug commands:

```
# get router info kernel
tab=254 vf=0 scope=0 type=1 proto=11 prio=0 0.0.0.0/0.0.0.0/0->0.0.0.0/0 pref=0.0.0.0 gwy=10.200.1.254
dev=2(port1)
tab=254 vf=0 scope=0 type=1 proto=11 prio=0 0.0.0.0/0.0.0.0/0->0.0.0.0/0 pref=0.0.0.0 gwy=10.200.2.254
dev=3(port2)
tab=254 vf=0 scope=253 type=1 proto=2 prio=0 0.0.0.0/0.0.0.0/0->10.0.1.0/24 pref=10.0.1.254 gwy=0.0.0.0
dev=4(port3)
# get router info routing-table all
S* 0.0.0.0/0 [10/0] via 10.200.1.254, port1
[10/0] via 10.200.2.254, port2, [10/0]
C 10.0.1.0/24 is directly connected, port3
C 10.200.1.0/24 is directly connected, port1
C 10.200.2.0/24 is directly connected, port2
```

Which outbound interface will FortiGate use to route web traffic from internal users to the Internet?

- A. Both port1 and port2
- B. port3
- C. port1
- D. port2

Answer: C

**NEW QUESTION 62**

What conditions are required for two FortiGate devices to form an OSPF adjacency? (Choose three.)

- A. IP addresses are in the same subnet.
- B. Hello and dead intervals match.
- C. OSPF IP MTUs match.
- D. OSPF peer IDs match.
- E. OSPF costs match

Answer: ABD

**NEW QUESTION 63**

View the exhibit, which contains the partial output of an IKE real-time debug, and then answer the question below.

```
ike 0: comes 10.0.0.2:500->10.0.0.1:500, ifindex=7...
ike 0: IKEv1 exchange=Aggressive id=baf47d0988e9237f/2f405ef3952f6fda len=430 ike 0: in
BAF47D0988E9237F2F405EF3952F6FDA0110040000000000000001AE0400003C00000001000000010 00000300101000
ike 0:RemoteSite:4: initiator: aggressive mode get 1st response...
ike 0:RemoteSite:4: VID RFC 3947 4A131c81070358455C5728F20E95452F ike 0:RemoteSite:4: VID DPD AFCAD71368A1F1C96B8696FC77570100
ike 0:RemoteSite:4: VID FORTIGATE 8299031757A36082C6A621DE000502D7
ike 0:RemoteSite:4: peer is FortiGate/Fortios (v5 b727)
ike 0:RemoteSite:4: VID FRAGMENTATION 4048B7D56EBCE88525E7DE7F00D6C2D3
ike 0:RemoteSite:4: VID FRAGMENTATION 4048B7D56EBCE88525E7DE7F00D6C2D3C0000000
ike 0:RemoteSite:4: received peer identifier FQDN 'remote' ike 0:RemoteSite:4: negotiation result
ike 0:RemoteSite:4: proposal id = 1:
ike 0:RemoteSite:4: protocol id = ISAKMP: ike 0:RemoteSite:4: trans_id = KEY_IKE. ike 0:RemoteSite:4: encapsulation = IKE/none
ike 0:RemoteSite:4: type=OAKLEY_ENCRYPT_ALG, val=AES_CBC, key-len=128 ike 0:RemoteSite:4: type=OAKLEY_HASH_ALG, val=SHA.
ike 0:RemoteSite:4: type=AUTH_METHOD, val=PRESHARED_KEY. ike 0:RemoteSite:4: type=OAKLEY_GROUP, val=MODP1024.
ike 0:RemoteSite:4: ISAKMP SA lifetime=86400
ike 0:RemoteSite:4: ISAKMP SA baf47d0988e9237f/2f405ef3952f6fda key 16:
B25B6C9384D8BDB24E3DA3DC90CF5E73
ike 0:RemoteSite:4: PSK authentication succeeded ike 0:RemoteSite:4: authentication OK
ike 0:RemoteSite:4: add INITIAL-CONTACT ike 0:RemoteSite:4: enc
BAF47D0988E9237F405EF3952F6FDA081004010000000000000080140000181F2E48BFD8E9D603F
ike 0:RemoteSite:4: out BAF47D0988E9237F405EF3952F6FDA08100401000000000000008C2E3FC9BA061816A396F009A12
ike 0:RemoteSite:4: sent IKE msg (agg_i2send): 10.0.0.1:500-10.0.0.2:500, len=140, id=baf47d0988e9237f/2
ike 0:RemoteSite:4: established IKE SA baf47d0988e9237f/2f405ef3952f6fda Which statements about this debug output are correct? (Choose two.)
```

- A. The remote gateway IP address is 10.0.0.1.

- B. It shows a phase 1 negotiation.
- C. The negotiation is using AES128 encryption with CBC hash.
- D. The initiator has provided remote as its IPsec peer I

**Answer:** BD

**NEW QUESTION 65**

Which of the following statements are correct regarding application layer test commands? (Choose two.)

- A. They are used to filter real-time debugs.
- B. They display real-time application debugs.
- C. Some of them display statistics and configuration information about a feature or process.
- D. Some of them can be used to restart an applicatio

**Answer:** BC

**NEW QUESTION 67**

When using the SSL certificate inspection method for HTTPS traffic, how does FortiGate filter web requests when the browser client does not provide the server name indication (SNI)?

- A. FortiGate uses the Issued To: field in the server's certificate.
- B. FortiGate switches to the full SSL inspection method to decrypt the data.
- C. FortiGate blocks the request without any further inspection.
- D. FortiGate uses the requested URL from the user's web browse

**Answer:** D

**NEW QUESTION 70**

What global configuration setting changes the behavior for content-inspected traffic while FortiGate is in system conserve mode?

- A. av-failopen
- B. mem-failopen
- C. utm-failopen
- D. ips-failopen

**Answer:** A

**NEW QUESTION 71**

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

```
# 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
0 BGP community entries

Neighbor  V  AS  MsgRcvd  MsgSent  TblVer  InQ  OutQ  Up/Down  State/PfxRcd
10.125.0.60 4 65060  1698      1756     103    0    0 03:02:49      1
10.127.0.75 4 65075  2206      2250     102    0    0 02:45:55      1
10.200.3.1  4 65501   101        115      0     0    0 never         Active

Total number of neighbors 3
```

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

- A. For the peer 10.125.0.60, the BGP state of is Established.
- B. The local BGP peer has received a total of three BGP prefixes.
- C. Since the BGP counters were last reset, the BGP peer 10.200.3.1 has never been down.
- D. The local BGP peer has not established a TCP session to the BGP peer 10.200.3.1.

**Answer:** BC

**NEW QUESTION 76**

View the exhibit, which contains the output of a web diagnose command, and then answer the question below.

# diagnose webfilter fortiguard statistics list		# diagnose webfilter fortiguard statistics list	
<b>Raring Statistics:</b>		<b>Cache Statistics:</b>	
=====		=====	
DNS failures	: 273	Maximum memory	: 0
DNS lookups	: 280	Memory usage	: 0
Data send failures	: 0		
Data read failures	: 0	Nodes	: 0
Wrong package type	: 0	Leaves	: 0
Hash table miss	: 0	Prefix nodes	: 0
Unknown server	: 0	Exact nodes	: 0
Incorrect CRC	: 0		
Proxy requests failures	: 0	Requests	: 0
Request timeout	: 1	Misses	: 0
Total requests	: 2409	Hits	: 0
Requests to FortiGuard servers	: 1182	Prefix hits	: 0
Server errored responses	: 0	Exact hits	: 0
Relayed rating	: 0		
Invalid profile	: 0	No cache directives	: 0
		Add after prefix	: 0
Allowed	: 1021	Invalid DB put	: 0
Blocked	: 3909	DB updates	: 0
Logged	: 3927		
Blocked Errors	: 565	Percent full	: 0%
Allowed Errors	: 0	Branches	: 0%
Monitors	: 0	Leaves	: 0%
Authenticates	: 0	Prefix nodes	: 0%
Warnings	: 18	Exact nodes	: 0%
Ovrd request timeout	: 0		
Ovrd send failures	: 0	Miss rate	: 0%
Ovrd read failures	: 0	Hit rate	: 0%
Ovrd errored responses	: 0	Prefix hits	: 0%
...		Exact hits	: 0%

Which one of the following statements explains why the cache statistics are all zeros?

- A. The administrator has reallocated the cache memory to a separate process.
- B. There are no users making web requests.
- C. The FortiGuard web filter cache is disabled in the FortiGate's configuration.
- D. FortiGate is using a flow-based web filter and the cache applies only to proxy-based inspectio

**Answer:** D

**NEW QUESTION 80**

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

```
# diagnose debug rating
Locale      : english
License     : Contract
Expiration  : Thu Sep 28 17:00:00 20xx
-- Server List (Thu Apr 19 10:41:32 20xx) --
```

IP	Weight	RTT	Flags	TZ	Packets	Curr Lost	Total Lost
64.26.151.37	10	45		-5	262432	0	846
64.26.151.35	10	46		-5	329072	0	6806
66.117.56.37	10	75		-5	71638	0	275
65.210.95.240	20	71		-8	36875	0	92
209.222.147.36	20	103	DI	-8	34784	0	1070
208.91.112.194	20	107	D	-8	35170	0	1533
96.45.33.65	60	144		0	33728	0	120
80.85.69.41	71	226		1	33797	0	192
62.209.40.74	150	97		9	33754	0	145
121.111.236.179	45	44	F	-5	26410	26226	26227

Which statements are true regarding the output in the exhibit? (Choose two.)

- A. FortiGate will probe 121.111.236.179 every fifteen minutes for a response.
- B. Servers with the D flag are considered to be down.
- C. Servers with a negative TZ value are experiencing a service outage.
- D. FortiGate used 209.222.147.3 as the initial server to validate its contract.

**Answer: CD**

**NEW QUESTION 81**

What does the dirty flag mean in a FortiGate session?

- A. Traffic has been blocked by the antivirus inspection.
- B. The next packet must be re-evaluated against the firewall policies.
- C. The session must be removed from the former primary unit after an HA failover.
- D. Traffic has been identified as from an application that is not allowed.

**Answer: B**

**NEW QUESTION 85**

The CLI command `set intelligent-mode <enable | disable>` controls the IPS engine's adaptive scanning behavior. Which of the following statements describes IPS adaptive scanning?

- A. Determines the optimal number of IPS engines required based on system load.
- B. Downloads signatures on demand from FDS based on scanning requirements.
- C. Determines when it is secure enough to stop scanning session traffic.
- D. Choose a matching algorithm based on available memory and the type of inspection being performed.

**Answer: D**

**NEW QUESTION 89**

An administrator has configured the following CLI script on FortiManager, which failed to apply any changes to the managed device after being executed.

```
# conf rout stat
#   edit 0
#       set gateway 10.20.121.2
#       set priority 20
#       set device "wan1"
#   next
# end
```

Why didn't the script make any changes to the managed device?

- A. Commands that start with the # sign are not executed.
- B. CLI scripts will add objects only if they are referenced by policies.
- C. Incomplete commands are ignored in CLI scripts.
- D. Static routes can only be added using TCL script.

**Answer: B**

### NEW QUESTION 92

Which configuration can be used to reduce the number of BGP sessions in an IBGP network?

- A. Neighbor range
- B. Route reflector
- C. Next-hop-self
- D. Neighbor group

Answer: B

### NEW QUESTION 93

View the exhibit, which contains the output of get sys ha status, and then answer the question below.

```
NGFW # get sys ha status
HA Health Status: ok
Model: FortiGate0VM64
Mode: HA A-P
Group: 0
Debug: 0
Cluster Uptime: 0 days 01:07:35
Master selected using:
<2017/04/24 09:43:44> FGVM010000077649 is selected as the master because it has the largest value of override pr
<2017/04/24 08:50:53> FGVM010000077 is selected as the master because it's the only member in the cluster.
ses_pickup: disable
override: enable
Configuration Status:
FGVM010000077649(updated 1 seconds ago): in-sync
FGVM010000077650(updated 0 seconds ago): out-of-sync
System Usage stats:
FGVM010000077649(updated 1 seconds ago):
sessions=30, average-cpu-user/nice/system/idle=0%/0%/0%/100%, memory-60%
FGVM010000077650(updated 0 seconds ago):
sessions=2, average-cpu-user/nice/system/idle=0%/0%/0%/100%, memory-61%
HBDEV stats:
FGVM010000077649(updated 1 seconds ago):
port7: physical/10000full, up, rx-bytes/packets/dropped/errors=7358367/17029/25/0, tx=7721830/17182/0/0
FGVM010000077650(updated 0 seconds ago):
port7: physical/10000full, up, rx-bytes/packets/dropped/errors=7793722/17190/0/0, tx=8940374/20806/0/0
Master: NGFW , FGVM010000077649
Slave : NGFW-2 , FGVM010000077650
number of vcluster: 1
vcluster 1: work 169.254.0.2
Master:0 FGVM010000077649
Slave :1 FGVM010000077650
```

Which statements are correct regarding the output? (Choose two.)

- A. The slave configuration is not synchronized with the master.
- B. The HA management IP is 169.254.0.2.
- C. Master is selected because it is the only device in the cluster.
- D. port 7 is used the HA heartbeat on all devices in the cluste

Answer: AC

### NEW QUESTION 95

View the exhibit, which contains the output of a diagnose command, and the answer the question below.

```
# diagnose debug rating
Locale      : English
License     : Contract
Expiration  : Thu Sep 28 17:00:00 20XX
--- Server List (Thu APR 19 10:41:32 20XX) ---
IP          Weight  RTT   Flags  TZ    Packets  Curr Lost  Total Lost
64.26.151.37  10      45    -5     -5    262432  0          846
64.26.151.35  10      46    -5     -5    329072  0          6806
66.117.56.37  10      75    -5     -5    71638   0          275
66.210.95.240 20      71    -8     -8    36875   0          92
209.222.147.36 20      103   DI     -8    34784   0          1070
208.91.112.194 20      107   D      -8    35170   0          1533
96.45.33.65   60      144   0      0     33728   0          120
80.85.69.41   71      226   1      1     33797   0          192
62.209.40.74  150     97    9      9     33754   0          145
121.111.236.179 45      44    F      -5    26410   26226     26227
```

Which statements are true regarding the Weight value?

- A. Its initial value is calculated based on the round trip delay (RTT).
- B. Its initial value is statically set to 10.
- C. Its value is incremented with each packet lost.
- D. It determines which FortiGuard server is used for license validatio

Answer: C

### NEW QUESTION 99

Which of the following statements are true about FortiManager when it is deployed as a local FDS? (Choose two.)

- A. Caches available firmware updates for unmanaged devices.
- B. Can be configured as an update server, or a rating server, but not both.
- C. Supports rating requests from both managed and unmanaged devices.
- D. Provides VM license validation service

**Answer:** AD

**NEW QUESTION 104**

A FortiGate's port1 is connected to a private network. Its port2 is connected to the Internet. Explicit web proxy is enabled in port1 and only explicit web proxy users can access the Internet. Web cache is NOT enabled. An internal web proxy user is downloading a file from the Internet via HTTP. Which statements are true regarding the two entries in the FortiGate session table related with this traffic? (Choose two.)

- A. Both session have the local flag on.
- B. The destination IP addresses of both sessions are IP addresses assigned to FortiGate's interfaces.
- C. One session has the proxy flag on, the other one does not.
- D. One of the sessions has the IP address of port2 as the source IP address

**Answer:** AD

**NEW QUESTION 106**

What configuration changes can reduce the memory utilization in a FortiGate? (Choose two.)

- A. Reduce the session time to live.
- B. Increase the TCP session timers.
- C. Increase the FortiGuard cache time to live.
- D. Reduce the maximum file size to inspect

**Answer:** AD

**NEW QUESTION 108**

Examine the output from the BGP real time debug shown in the exhibit, then answer the question below:

```
# diagnose ip router bgp all enable
# diagnose ip router bgp level info
# diagnose debug enable
"BGP: 10.200.3.1-Outgoing [DECODE] KAlive: Received!"
"BGP: 10.200.3.1-Outgoing [FSM] State: OpenConfirm Event: 26"
"BGP: 10.200.3.1-Outgoing [DECODE] Msg-Hdr: type 2, length 56"
"BGP: 10.200.3.1-Outgoing [DECODE] Update: Starting UPDATE decoding... Byte
(37), msg_size (37)"
"BGP: 10.200.3.1-Outgoing [DECODE] Update: NLRI Len(13)"
"BGP: 10.200.3.1-Outgoing [FSM] State: Established Event: 27"
"BGP: 10.200.3.1-Outgoing [RIB] Update: Received Prefix 0.0.0.0/0"
"BGP: 10.200.3.1-Outgoing [RIB] Update: Received Prefix 10.200.4.0/24"
"BGP: 10.200.3.1-Outgoing [RIB] Update: Received Prefix 10.200.3.0/24"
"BGP: 10.200.3.1-Outgoing [RIB] Update: Received Prefix 10.0.2.0/24"
"BGP: 10.200.3.1-Outgoing [FSM] State: Established Event: 34"
"BGP: 10.200.3.1-Outgoing [ENCODE] Msg-Hdr: Type 2"
"BGP: 10.200.3.1-Outgoing [ENCODE] Attr IP-Unicast: Tot-attr-len 20"
"BGP: 10.200.3.1-Outgoing [ENCODE] Update: Msg #5 Size 55"
"BGP: 10.200.3.1-Outgoing [FSM] State: Established Event: 34"
```

Which statements are true regarding the output in the exhibit? (Choose two.)

- A. BGP peers have successfully interchanged Open and Keepalive messages.
- B. Local BGP peer received a prefix for a default route.
- C. The state of the remote BGP peer is OpenConfirm.
- D. The state of the remote BGP peer will go to Connect after it confirms the received prefix

**Answer:** AB

**NEW QUESTION 111**

Examine the output of the 'diagnose debug rating' command shown in the exhibit; then answer the question below.

```

# diagnose debug rating
Locale      : english
License     : Contract
Expiration  : Wed Mar 27 17:00:00 20xx
--- Server List (Mon Apr 16 15:32:55 20xx) ---
IP          Weight  RTT   Flags  TZ    Packets  Curr Lost  Total Lost
69.195.205.101  10    45   -5     -5    262432   0          346
69.195.205.102  10    46   -5     -5    329072   0          6806
209.222.147.43  10    75   -5     -5    71638    0          275
96.45.33.65     20    71   -8     -8    36875    0          92
208.91.112.196  20    103  DI     -8    34784    0          1070
208.91.112.198  20    107  D      -8    35170    0          1533
80.85.69.41     60    144  0      0     33728    0          120
62.209.40.73    71    226  1      1     33797    0          192
121.111.236.180 150   197  9      9     33754    0          145
69.195.205.103  45    44   F      -5    26410    26226     26227
    
```

Which statements are true regarding the output in the exhibit? (Choose two.)

- A. There are three FortiGuard servers that are not responding to the queries sent by the FortiGate.
- B. The TZ value represents the delta between each FortiGuard server's time zone and the FortiGate's time zone.
- C. FortiGate will send the FortiGuard queries to the server with highest weight.
- D. A server's round trip delay (RTT) is not used to calculate its weight.

**Answer: BC**

**NEW QUESTION 116**

An administrator added the following Ipsec VPN to a FortiGate configuration: config vpn ipsec phase1-interface edit "RemoteSite" set type dynamic set interface "port1" set mode main

```
set psksecret ENC LCVkCiK2E2PhVUzZe next
end
```

```
config vpn ipsec phase2-interface edit "RemoteSite"
set phase1 name "RemoteSite" set proposal 3des-sha256
next end
```

However, the phase 1 negotiation is failing. The administrator executed the IKF real time debug while attempting the Ipsec connection. The output is shown in the exhibit.

```

ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=2...
ike 0: IKEv1 exchange=Identity Protection id=xxx/xxx len=716
ike 0:xxx/xxx:16: responder: main mode get 1st message...
ike 0:xxx/xxx:16: VID RFC 3947 4A131C81070358455C5728F20Z95452F
...
ike 0:xxx/xxx:16: negotiation result
ike 0:xxx/xxx:16: proposal id = 1:
ike 0:xxx/xxx:16: protocol id = ISAKMP:
ike 0:xxx/xxx:16: trans_id = KEY_IKE.
ike 0:xxx/xxx:16: encapsulation = IKE/none
ike 0:xxx/xxx:16: type=OAKLEY_ENCRYPT_ALG, val=AES_CBC.
ike 0:xxx/xxx:16: type=OAKLEY_HASH_ALG, val=SHA2_256.
ike 0:xxx/xxx:16: type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0:xxx/xxx:16: type=OAKLEY_GROUP, val=MODP2048.
ike 0:xxx/xxx:16: ISAKMP SA lifetime=36400
ike 0:xxx/xxx:16: SA proposal chosen, matched gateway DialUpUsers
...
ike 0:DialUpUsers:16: sent IKE msg (ident_r1send): 10.200.1.1:500->10.200.3.1:500, len
id=xxx/xxx
ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=2...
ike 0: IKEv1 exchange=Identity Protection id=xxx/xxx len=380
ike 0:DialUpUsers:16: responder:main mode get 2nd message...
ike 0:DialUpUsers:16: NAT not detected
ike 0:DialUpUsers:16: sent IKE msg (ident_r2send): 10.200.1.1:500->10.200.3.1:500, len
id=xxx/xxx
ike 0:DialUpUsers:16: ISAKMP SA xxx/xxx key 16:3D33E2EF00BE927701B5C25B05A62415
ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=2...
ike 0: IKEv1 exchange=Identity Protection id=xxx/xxx len=108
ike 0:DialUpUsers:16: responder: main mode get 3rd message...
ike 0:DialUpUsers:16: probable pre-shared secret mismatch
ike 0:DialUpUsers:16: unable to parse msg
    
```

What is causing the IPsec problem in the phase 1 ?

- A. The incoming IPsec connection is matching the wrong VPN configuration
- B. The phase-1 mode must be changed to aggressive
- C. The pre-shared key is wrong
- D. NAT-T settings do not match

**Answer: C**

**NEW QUESTION 117**

Examine the output from the 'diagnose debug authd fssolist' command; then answer the question below.

```
# diagnose debug authd fssolist —FSSO logons-IP: 192.168.3.1 User: STUDENT Groups: TRAININGAD/USERS Workstation: INTERNAL2. TRAINING. LAB
The IP address 192.168.3.1 is NOT the one used by the workstation INTERNAL2. TRAINING. LAB.
```

What should the administrator check?

- A. The IP address recorded in the logon event for the user STUDENT.
- B. The DNS name resolution for the workstation name INTERNAL2. TRAINING.
- C. LAB.

- D. The source IP address of the traffic arriving to the FortiGate from the workstation INTERNAL2. TRAININ
- E. LAB.
- F. The reserve DNS lookup forthe IP address 192.168.3.1.

**Answer: C**

**NEW QUESTION 120**

Examine the following traffic log; then answer the question below.

```
date=20xx-02-01 time=19:52:01 devname=master device_id="xxxxxxx" log_id=0100020007 type=event subtype=system pri critical vd=root service=kemel status=failure msg="NAT port is exhausted."
```

What does the log mean?

- A. There is not enough available memory in the system to create a new entry in the NAT port table.
- B. The limit for the maximum number of simultaneous sessions sharing the same NAT port has been reached.
- C. FortiGate does not have any available NAT port for a new connection.
- D. The limit for the maximum number of entries in the NAT port table has been reached.

**Answer: B**

**NEW QUESTION 125**

An administrator cannot connect to the GIU of a FortiGate unit with the IP address 10.0.1.254. The administrator runs the debug flow while attempting the connection using HTTP. The output of the debug flow is shown in the exhibit:

```
* diagnose debug flow filter port 80
* diagnose debug flow trace start 5
* diagnose debug enable

id=20085 trace_id=5 msg="vd-root received a packet(proto=6,
10.0.1.10:57459->10.0.1.254:80) from port3. flag [S], seq 3190430861, ack
0, win 8192"
id=20085 trace_id=5 msg="allocate a new session-0000008c"
id=20085 trace_id=5 msg="iprope_in_check() check failed on policy 0, drop"
```

Based on the error displayed by the debug flow, which are valid reasons for this problem? (Choose two.)

- A. HTTP administrative access is disabled in the FortiGate interface with the IP address 10.0.1.254.
- B. Redirection of HTTP to HTTPS administrative access is disabled.
- C. HTTP administrative access is configured with a port number different than 80.
- D. The packet is denied because of reverse path forwarding check.

**Answer: AC**

**NEW QUESTION 129**

Examine the following routing table and BGP configuration; then answer the question below.

```
#get router info routing-table all
*0.0.0.0/0 [10/0] via 10.200.1.254, port1
C10.200.1.0/24 is directly connected, port1
S192.168.0.0/16 [10/0] via 10.200.1.254, port1
# show router bgp
config router bgp
set as 65500
set router-id 10.200.1.1
set network-import-check enable
set ebgp-miltipath disable
config neighbor
edit "10.200.3.1"
set remote-as 65501
next
end
config network
edit1
```

TheBGP connection is up, but the local peer is NOT advertising the prefix 192.168.1.0/24. Which configuration change will make the local peer advertise this prefix?

- A. Enable the redistribution of connected routers into BGP.
- B. Enable the redistribution of static routers into BGP.
- C. Disable the setting network-import-check.
- D. Enable the setting ebgp-multipat

**Answer: C**

**NEW QUESTION 134**

Examine the following partial output from two system debug commands; then answer the question below.

```
# diagnose hardware sysinfo memory
MemTotal: 3092728 kB
MemFree: 1954204 kB
MemShared: 0 kB
Buffers: 284 kB
Cached: 143004 kB
SwapCached: 0 kB
Active: 34092 kB
Inactive: 109256 kB
HighTotal 1179648 kB
HighFree: 853516 kB
LowTotal: 1913080 kB
LowFree: 1100688 kB
SwapTotal: 0 kB
SwapFree: 0 kB
# diagnose hardware sysinfo shm
SHM counter: 285
SHM allocated: 6823936
SHM total: 623452160
concermode: 0
shm last entered: n/a
system last entered: n/a
SHM FS total: 639725568
SHM FS free: 632614912
```

SHM FS alloc: 7110656

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

- A. The unit is running a 32-bit FortiOS
- B. The unit is in kernel conserve mode
- C. The Cached value is always the Active value plus the Inactive value
- D. Kernel indirectly accesses the low memory (LowTotal) through memory paging

**Answer:** AC

**NEW QUESTION 136**

.....

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