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QUESTION 1

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.

Correct Answer: C

QUESTION 2

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 inspection.

Correct Answer: B

QUESTION 3

Which of the following conditions must be met for a static route to be active in the routing table? (Choose three.)

A. The next-hop IP address is up.

B. There is no other route, to the same destination, with a higher distance.

C. The link health monitor (if configured) is up.

D. The next-hop IP address belongs to one of the outgoing interface subnets.

E. The outgoing interface is up.

Correct Answer: ABE

QUESTION 4

Examine the output of the `get router info ospf interface\\' command shown in the exhibit; then answer the question below.

```
# get router info ospf interface port4
port4 is up, line protocol is up
    Internet Address 172.20.121.236/24, Area 0.0.0.0, MTU 1500
    Process ID 0, Router ID 0.0.0.4, Network Type BROADCAST, Cost: 1
    Transmit Delay is 1 sec, State DROther, Priority 1
    Designated Router (ID) 172.20.140.2, Interface Address 172.20.121.2
Backup Designated Router (ID) 0.0.0.1, Interface Address
172.20.121.239
Timer intervals configured, Hello 10.000, Dead 40, Wait 40, Retransmit
5
    Hello due in 00:00:05
    Neighbor Count is 4, Adjacent neighbor count is 2
    Crypt Sequence Number is 411
    Hello received 106, sent 27, DD received 7 sent 9
    LS-Req received 2 sent 2, LS-Upd received 7 sent 5
    LS-Ack received 4 sent 3, Discarded 1
```

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

A. The port4 interface is connected to the OSPF backbone area.

B. The local FortiGate has been elected as the OSPF backup designated router.

C. There are at least 5 OSPF routers connected to the port4 network.

D. Two OSPF routers are down in the port4 network.

Correct Answer: AD

QUESTION 5

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 usage.

Correct Answer: D

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