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QUESTION 1

Examine the output of the `diagnose sys session list expectation\\' command shown in the exhibit; than answer the question below.

```
#diagnose sys session list expectation

session info: proto= proto_state=0 0 duration=3 expire=26 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=1 tunnel=/¶
state=new complex
statistic (bytes/packets/allow_err): org=0/0/0 reply=0/0/0 tuples=2
orgin-> sink: org pre-> post, reply pre->post dev=2->4/4->2
gwy=10.0.1.10/10.200.1.254
hook=pre dir=org act=dnat 10.171.121.38:0-> 10.200.1.1: 60426
(10.0.1.10: 50365)¶
hook= pre dir=org act=noop 0.0.0.0.:0-> 0.0.0.0:0 (0.0.0.0:0)
pos/(before, after) 0/(0,0), 0/(0,0)
misc=0 policy_id=1 auth_info=0 chk_client_info=0 vd=0
serial1=000000e9 tos=ff/ff ips_view=0 app_list=0 app=0
dd type=0 dd_mode=0¶
```

Which statement is true regarding the session in the exhibit?

A. It was created by the FortiGate kernel to allow push updates from FotiGuard.

B. It is for management traffic terminating at the FortiGate.

C. It is for traffic originated from the FortiGate.

D. It was created by a session helper or ALG.

Correct Answer: A

QUESTION 2

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    262432     0             846
64.26.151.35       10      46            -5    329072     0            6806
66.117.56.37       10      75            -5    71638      0             275
66.210.95.240      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 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 validation.

Correct Answer: C

QUESTION 3

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.

Correct Answer: B

QUESTION 4

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 UDP.

Correct Answer: BCD

QUESTION 5

Examine the partial output from the IKE real time debug shown in the exhibit; then answer the question below.

```
#diagnose debug application ike -1
#diagnose debug enable
ike 0: …..: 75: responder: aggressive mode get 1st message…

…

ike 0: …..:76: incoming proposal:
ike 0: …..:76: proposal id = 0:
ike 0: …..:76:    protocol id= ISAKMP:
ike 0: …..:76:      trans_id = KEY_IKE.
ike 0: …..:76:      encapsulation = IKE/none
ike 0: …..:76:       type= OAKLEY_ENCRYPT_ALG, val=AES_CBC.
ike 0: …..:76:       type= OAKLEY_HASH_ALG, val=SHA2_256.
ike 0: …..:76:       type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0: …..:76:       type=OAKLEY_GROUP, val=MODP2048.
ike 0: …..:76: ISAKMP SA lifetime=86400
ike 0: …..:76: my proposal, gw Remote:
ike 0: …..:76: proposal id=1:
ike 0: …..:76:    protocol id= ISAKMP:
ikc 0: …..:76:      trans_id= KEY_IKE.
ike 0: …..:76:      encapsulation = IKE/none
ike 0: …..:76:       type=OAKLEY_ECNRYPT_ALG, val=DES_CBC.
ike 0: …..:76:       type=OAKLEY_HASH_ALG, val=SHA2_256.
ike 0: …..:76:       type=AUTH_METHOD, val= PRESHARED_KEY.
ike 0: …..:76:       type=OAKLEY_GROUP, val =MODP2048.
ike 0: …..:76: ISAKMP SA lifetime=86400
ike 0: …..:76: proposal id=1:
ike 0: …..:76:    protocol id= ISAKMP:
ike 0: …..:76:      trans_id= KEY_IKE.
ike 0: …..:76:      encapsulation = IKE/none
ike 0: …..:76:       type=OAKLEY_ENCRYPT_ALG, val=DES_CBC.
ike 0: …..:76:       type= OAKLEY_HASH_ALG, val=SHA2_256.
ike 0: …..:76:       type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0: …..:76:       type=OAKLEY_GROUP, val=MODP1536.
ike 0: …..:76: ISAKMP SA lifetime=86400
ike 0: …..:76: negotiation failure
ike Negotiate ISAKMP SA Error: ike 0: …..:76: no SA proposal chosen
```

Why didn\'t the tunnel come up?

A. IKE mode configuration is not enabled in the remote IPsec gateway.

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. One IPsec gateway is using main mode, while the other IPsec gateway is using aggressive mode.

Correct Answer: B

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