NSE7_EFW-6.0^(Q&As)

Fortinet NSE 7 - Enterprise Firewall 6.0

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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: no SA
proposal chosen
...
```

Why didn\\'t the tunnel come up?

A. The remote gateway is using aggressive mode and the local gateway is configured to use main mode.

B. The remote gateway\\'s phase 1 configuration does not match the local gateway\\'s phase 1 configuration.

C. The remote gateway\\'s phase 2 configuration does not match the local gateway\\'s phase 2 configuration

D. The pre-shared keys do not match.

Correct Answer: B

QUESTION 2

What is the purpose of an internal segmentation firewall (ISFW)?

A. It is the first line of defense at the network perimeter.

B. It inspects incoming traffic to protect services in the corporate DMZ.
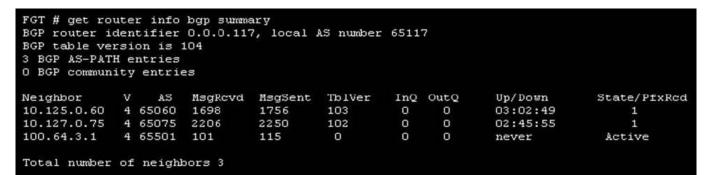
C. It is an all-in-one security appliance that is placed at remote sites to extend the enterprise network.

D. It splits the network into multiple security segments to minimize the impact of breaches.

Correct Answer: D

QUESTION 3

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
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
100.64.3.1     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. 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.

Correct Answer: AD

QUESTION 4

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

```
FGT # diagnose debug application urlfilter -1
FGT # diagnose debug enable

msg="received a request /tmp/.ipsengine_176_0_0.url.socket, addr_len=37:
d=training.fortinet.com:80, id=289, cat=255, vfname='root', vfid=0, profile='default',
type=0, client=10.0.1.10, url_source=1, url="/"
msg="Cache miss" user="N/A" src=10.0.1.10 sport=54218 dst=13.33.165.116 dport=80
service="http" hostname="training.fortinet.com" url="/" action=9(ftgd-block) wf-
act=3(BLOCK) user="N/A" src=10.0.1.10 sport=54218 dst=13.33.165.116 dport=80
service="http" cat=52 hostname="training.fortinet.com" url="/"
```

Which of the following statements are true regarding this output (Choose two.)

A. This web request was inspected using the root web filter profile.

B. The requested URL belongs to category ID 52.

C. The web request was blocked by FortiGate.

D. FortiGate found the requested URL in its local cache.

Correct Answer: AC

QUESTION 5

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

```
FGT # diagnose debug rating
Locale        : english
Service       : Web-filter
Status        : Enable
License       : Contract
Service       : Antispam
Status        : Disable
Service       : Virus Outbreak Prevention
Status        : Disable
 -=- Server List (Mon 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 used 209.222.147.36 as the initial server to validate its contract.

B. Servers with the D flag are considered to be down.

C. FortiGate will probe 121.111.236.179 every fifteen minutes for a response.

D. Servers with a negative TZ value are experiencing a service outage.

Correct Answer: AC