



Fortinet

Exam Questions NSE7_EFW-7.0

Fortinet NSE 7 - Enterprise Firewall 7.0

NEW QUESTION 1

Refer to the exhibit, which shows a session entry. Which statement about this session is true?

```
session info: proto=1 proto_state=00 duration=1 expire=59 timeout
sockflag=00000000 sockport=0 av_idx=0 use=3
origin-shaper=
reply-shaper=
per_ip_shaper=
ha_id=0 policy_dir=0 tunnel=/ vlan_cos=0/255
state=log may_dirty none
statistic(bytes/packets/allow_err): org=168/2/1 reply=168/2/1 tup
tx speed(Bps/kbps): 97/0 rx speed(Bps/kbps): 97/0
origin->sink: org pre->post, reply pre->post dev=9->3/3->9 gwy=10.
hook=post dir=org act=snat 10.1.10.10:40602->10.200.5.1:8(10.200.
hook=pre dir=reply act=dnat 10.200.5.1:60430->10.200.1.1:0(10.1.1
misc=0 policy_id=1 auth_info=0 chk_client_info=0 vd=0
serial=0002a5c9 tos=ff/ff app_list=0 app=0 url_cat=0
dd_type=0 dd_mode=0
```

- A. It is an ICMP session from 10.1.10.10 to 10.200.5. 1.
- B. It is a TCP session in close_wait state, from 10.
- C. 10.10 to 10.200.1.1.
- D. It is an ICMP session from 10.1.10.10 to 10.200.1.1.
- E. It is a TCP session in the established state, from 10.1.10.10 to 10.200.5.1.

Answer: A

NEW QUESTION 2

Refer to the exhibit, which shows the output of a debug command.

```
FGT # 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 send 27, DD received 6 sent 3
  LS-Req received 2 sent 2, LS-Upd received 7 sent 17
  LS-Ack received 4 sent 3, Discarded 1
```

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

- A. The local FortiGate OSPF router ID is 0.0.0.4.
- B. Port4 is connected to the OSPF backbone area.
- C. In the network connected to port4, two OSPF routers are down.
- D. The local FortiGate is the backup designated router.

Answer: AB

Explanation:

Area 0.0.0.0 is the backbone area.

NEW QUESTION 3

Refer to the exhibit, which contains partial outputs from two routing debug commands.

```
FortiGate # get router into routing-table database

S    0.0.0.0/0 [20/0] via 100.64.2.254, port2, [10/0]
S    *>0.0.0.0/0 [10/0] via 100.64.1.254, port1

FortiGate # get router info routing-table all

S*   0.0.0.0/0 [10/0] via 100.64.1.254, port1
```

Why is the port2 default route not in the second command's output?

- A. It has a higher priority value than the default route using port1.
- B. It is disabled in the FortiGate configuration.
- C. It has a lower priority value than the default route using port1.
- D. It has a higher distance than the default route using port1.

Answer: D

NEW QUESTION 4

Refer to the exhibit, which contains the output of get system ha status. Which two statements about the output are true? (Choose two.)

```
NGFW-1 # get system ha status
HA Health Status: OK
Model: FortiGate-VM64
Mode: HA A-P
Group: 2
Debug: 0
Cluster Uptime: 0 days 4:23:19
Cluster state change time: 2019-01-25 10:19:46
Master selected using:
  <2019/01/25 10:19:46> FGVM010000077649 is selected as the master because it has the largest value
of override priority.
  <2019/01/25 10:19:40> FGVM010000077649 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=27, average-cpu-user/nice/system/idle=1%/0%/0%/99%, memory=56%
  FGVM010000077650 (updated 0 seconds ago):
    sessions=2, average-cpu-user/nice/system/idle=1%/0%/0%/99%, memory=57%
HBDEV stats:
  FGVM010000077649 (updated 1 seconds ago):
    port7: physical/10000full, up, rx-bytes/packets/dropped/errors=63817615/202024/0/0, tx=
71110281/121109/0/0
  FGVM010000077650 (updated 0 seconds ago):
    port7: physical/10000full, up, rx-bytes/packets/dropped/errors=79469596/122024/0/0, tx=
30877890/107878/0/0
Master: NGFW-1      , FGVM010000077649, cluster index = 1
Slave : NGFW-2      , FGVM010000077650, cluster index = 0
number of voluster: 1
voluster 1: work 169.254.0.2
Master: FGVM010000077649, operating cluster index = 0
Slave : FGVM010000077650, operating cluster index = 1
```

- A. The slave configuration is synchronized with the master.
- B. port7 is used as the HA heartbeat on all devices in the cluster.
- C. Primary is selected based on the priority configured under config system ha.
- D. The HA management IP is 169.254.0.2.

Answer: BC

NEW QUESTION 5

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

Explanation:

<https://kb.fortinet.com/kb/viewContent.do?externalId=FD40119&sliceId=1>

NEW QUESTION 6

Refer to the exhibit, which contains partial output from an IKE real-time debug.


```
ike 0: comes 10.0.0.2:500->10.0.0.1:500, ifindex=7. . .
ike 0: IKEv2 exchange=Aggressive id=a2fbd6bb6394401a/06b89c022d4df682 len=426
ike 0: Remotesite:3: initiator: aggressive mode get 1st response. . .
ike 0: Remotesite:3: VID DPD AFCAD71368A1F1C96B8696FC77570100
ike 0: Remotesite:3: DPD negotiated
ike 0: Remotesite:3: VID FORTIGATE 8299031757A36082C6A621DE00000000
ike 0: Remotesite:3: peer is FortiGate/FortiOS (v0 b0)
ike 0: Remotesite:3: VID FRAGMENTATION 4048B7D56EBCE88525E7DE7F00D6C2D3
ike 0: Remotesite:3: VID FRAGMENTATION 4048B7D56EBCE88525E7DE7F00D6C2D3C0000000
ike 0: Remotesite:3: received peer identifier PQDN 'remote'
ike 0: Remotesite:3: negotiation result
ike 0: Remotesite:3: proposal id = 1:
ike 0: Remotesite:3:   protocol id = ISAKMP:
ike 0: Remotesite:3:   trans_id = KEY_IKE.
ike 0: Remotesite:3:   encapsulation = IKE/none.
ike 0: Remotesite:3:   type=OAKLEY_ENCRYPT_ALG, val=AES_CBC, key-len=128
ike 0: Remotesite:3:   type=OAKLEY_HASH_ALG, val=SHA.
ike 0: Remotesite:3:   type=AUTH_METHOD, val=PRESHARED_KEY.
ike 0: Remotesite:3:   type=OAKLEY_GROUP, val=MODP1024.
ike 0: Remotesite:3: ISAKMP SA lifetime=86400
ike 0: Remotesite:3: NAT-T unavailable
ike 0: Remotesite:3: ISAKMP SA a2fbd6bb6394401a/06b89c022d4df682 key
16:39915120ED73ED73E520787C801DE3678916
ike 0: Remotesite:3: PSK authentication succeeded
ike 0: Remotesite:3: authentication OK
ike 0: Remotesite:3: add INITIAL-CONTACT
ike 0: Remotesite:3: enc
A2FBD6BB6394401A06B89C022D4DF6820810040100000000000000500B000018882A07BE09026CA8B2
ike 0: Remotesite:3: out
A2FBD6BB6394401A06B89C022D4DF68208100401000000000000005C64D5CBA90B873F150CB8B5CC2A
ike 0: Remotesite:3: sent IKE msg (agg_i2send): 10.0.0.1:500->10.0.0.2:500, len=140,
id=a2fbd6bb6394401a/
ike 0: Remotesite:3: established IKE SA a2fbd6bb6394401a/06b89c022d4df682
```

Which two statements about this debug output are correct? (Choose two.)

- A. The remote gateway IP address is 10.0.0.1.
- B. The initiator provided remote as its IPsec peer ID.
- C. It shows a phase 1 negotiation.
- D. The negotiation is using AES128 encryption with CBC hash.

Answer: BC

NEW QUESTION 7

Which the following events can trigger the election of a new primary unit in a HA cluster? (Choose two.)

- A. Primary unit stops sending HA heartbeat keepalives.
- B. The FortiGuard license for the primary unit is updated.
- C. One of the monitored interfaces in the primary unit is disconnected.
- D. A secondary unit is removed from the HA cluster.

Answer: AC

NEW QUESTION 8

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: AD

NEW QUESTION 9

View the exhibit, which contains a partial routing table, and then answer the question below.

```
FGT # get router info routing-table all
...
Routing table for VRF=7
C    10.73.9.0/24 is directly connected, port2

Routing table for VRF=12
C    10.1.0.0/24 is directly connected, port3
S    10.10.4.0/24 [10/0] via 10.1.0.100, port3
C    10.64.1.0/24 is directly connected, port1

Routing table for VRF=21
S    10.1.0.0/24 [10/0] via 10.72.3.254, port4
C    10.72.3.0/24 is directly connected, port4
S    192.168.2.0/24 [10/0] via 10.72.3.254, port4
...
```

Assuming all the appropriate firewall policies are configured, which of the following pings will FortiGate route? (Choose two.)

- A. Source IP address 10.1.0.24, Destination IP address 10.72.3.20.
- B. Source IP address 10.72.3.27, Destination IP address 10.1.0.52.
- C. Source IP address 10.72.3.52, Destination IP address 10.1.0.254.
- D. Source IP address 10.73.9.10, Destination IP address 10.72.3.15.

Answer: BC

NEW QUESTION 10

Two independent FortiGate HA clusters are connected to the same broadcast domain. The administrator has reported that both clusters are using the same HA virtual MAC address. This creates a duplicated MAC address problem in the network. What HA setting must be changed in one of the HA clusters to fix the problem?

- A. Group ID.
- B. Group name.
- C. Session pickup.
- D. Gratuitous ARPs.

Answer: A

Explanation:

https://help.fortinet.com/fos50hlp/54/Content/FortiOS/fortigate-high-availability-52/HA_failoverVMAC.htm

NEW QUESTION 10

Examine the IPsec configuration shown in the exhibit; then answer the question below.

Name	Remote
Comments	Comments
Network	
IP Version	<input checked="" type="radio"/> IPv4 <input type="radio"/> IPv6
Remote Gateway	Static IP Address <input checked="" type="checkbox"/>
IP Address	10.0.10.1
Interface	port1 <input checked="" type="checkbox"/>
Mode Config	<input type="checkbox"/>
NAT Traversal	<input checked="" type="checkbox"/>
Keepalive Frequency	10
Dead Peer Detection	<input checked="" type="checkbox"/>

An administrator wants to monitor the VPN by enabling the IKE real time debug using these commands: diagnose vpn ike log-filter src-addr4 10.0.10.1
 diagnose debug application ike -1 diagnose debug enable

The VPN is currently up, there is no traffic crossing the tunnel and DPD packets are being interchanged between both IPsec gateways. However, the IKE real time debug does NOT show any output. Why isn't there any output?

- A. The IKE real time shows the phases 1 and 2 negotiations onl
- B. It does not show any more output once the tunnel is up.
- C. The log-filter setting is set incorrectl
- D. The VPN's traffic does not match this filter.
- E. The IKE real time debug shows the phase 1 negotiation onl
- F. For information after that, the administrator must use the IPsec real time debug instead: diagnose debug application ipsec -1.

- G. The IKE real time debug shows error messages onl
H. If it does not provide any output, it indicates that the tunnel is operating normally.

Answer: B

NEW QUESTION 14

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

```
ike 0:H2S_0_1: shortcut 10.200.5.1:0 10.1.2.254->10.1.1.254
...
ike 0:H2S_0_1:15: sent IKE msg (SHORTCUT-OFFER): 10.200.1.1:500->10.200.5.1:500,
len=164, id=4134df8580d5cdd/ce54851612c7432f:a21f14fe
ike 0: comes 10.200.5.1:500->10.200.1.1:500,ifindex=3....
ike 0: IKEv1 exchange=Informational id=4134df8580d5bcdd/ce54851612c7432f:6266ee8c
len=196

ike 0:H2S_0_1:15: notify msg received: SHORTCUR-QUERY
ike 0:H2S_0_1: recv shortcut-query 16462343159772385317

ike 0:H2S_0_0:16: senr IKE msg (SHORTCUT-QUERY): 10.200.1.1:500->10.200.3.1:500,
len=196, id=7c6b6cca6700a935/dba061eaf51b89f7:b326df2a
ike 0: comes 10.200.3.1:500->10.200.1.1:500,ifindex=3....
ike 0: IKEv1 exchange=Informational id=7c6b6cca6700a935/dba061eaf51b89f7:1c1dbf39
len=188

ike 0:H2S_0_0:16: notify msg received: SHORTCUT-REPLY
ike 0:H2S_0_0: recv shortcut-reply 16462343159772385317
f97a7565a441e2aa/667d3e2e3442211e 10.200.3.1 to 10.1.2.254 psk 64
ike 0:H2S_0_0: shortcut-reply route to 10.1.2.254 via H2S_0_1 29
ike 0:H2S: forward shortcut-reply 16462343159772385317
f97a7565a441e2aa/667d3e2e3442211e 10.200.3.1 to 10.1.2.254 psk 64 ttl 31
ike 0:H2S_0_1:15: enc
...
ike 0:H2S_0_1:15: sent IKE msg (SHORTCUT-REPLY): 10.200.1.1:500->10.200.5.1:500,
len=188, id=4134df8580d5bcdd/ce54851612c7432f:70ed6d2c
```

Based on the debug output, which phase-1 setting is enabled in the configuration of this VPN?

- A. auto-discovery-sender
B. auto-discovery-forwarder
C. auto-discovery-shortcut
D. auto-discovery-receiver

Answer: B

NEW QUESTION 19

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 21

Refer to the exhibit, which contains the debug output of diagnose dvm device list.

```
FMG-VM64# diagnose dvm device list
There are currently 1 devices/vdoms managed:
TYPE    OID    SN      HA      IP      NAME      ADOM      IPS  FIRMWARE
fmg/    217    FGVM01... -    10.200.1.1 Local-FortiGate My_ADOM 15.0.0831 6.0 MR4 (1579)
faz enabled
|- STATUS: db: modified; conf: in sync; cond: pending; dm: retrieved; conn: up

|- vdom: [3] root flags:0 adom:My_ADOM pkg: [imported] Local-FortiGate_root
```

Which two statements about the output shown in the exhibit are correct? (Choose two.)

- A. ADOMs are disabled on the FortiManager
B. The FortiGate configuration is in sync with latest running revision history.

- C. There are pending device-level changes yet to be installed on Local-FortiGate.
- D. The policy package has been modified for Local-FortiGate.

Answer: BC

NEW QUESTION 22

View the exhibit, which contains a partial web filter profile configuration, and then answer the question below.

Name

default

Comments

Default web filtering.

22/255

FortiGuard category based filter

Show

Allow

Bandwidth Consuming

File Sharing and Storage

Status URL Filter

Block invalid URLs

URL Filter

+ Create

Edit

Delete

URL	Type	Action	Status
*dropbox.com	Wildcard	<div></div> Block	Enable

Web content filter

+ Create new

Edit

Delete

Pattern Type	Pattern	Language	Action	Status
Wildcard	*dropbox*	Western	<div>E</div> Exempt	Enable

Which action will FortiGate take if a user attempts to access www.dropbox.com, which is categorized as File Sharing and Storage?

- A. FortiGate will exempt the connection based on the Web Content Filter configuration.
- B. FortiGate will block the connection based on the URL Filter configuration.
- C. FortiGate will allow the connection based on the FortiGuard category based filter configuration.
- D. FortiGate will block the connection as an invalid URL.

Answer: B

Explanation:

fortigate does it in order Static URL -> FortiGuard -> Content -> Advanced (java, cookie removal..)so block it in first step

NEW QUESTION 25

Which statement is true regarding File description (FD) conserve mode?

- A. IPS inspection is affected when FortiGate enters FD conserve mode.
- B. A FortiGate enters FD conserve mode when the amount of available description is less than 5%.
- C. FD conserve mode affects all daemons running on the device.
- D. Restarting the WAD process is required to leave FD conserve mode.

Answer: B

NEW QUESTION 26

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  T2    Packets  Curr Lost  Total Lost
69.195.205.101 10      45    -5     262432  0          846
69.195.205.102 10      46    -5     329072  0          6806
209.222.147.43 10      75    -5     71638  0          275
96.45.33.65    20      71    -8     36875  0          92
208.91.112.196 20      103   DI     34784  0          1070
208.91.112.198 20      107   D      35170  0          1533
80.85.69.41    60      144    0     33728  0          120
62.209.40.73   71      226    1     33797  0          192
121.111.236.180 150     197    9     33754  0          145
69.195.205.103 45      44     F     -5     26410  26226     26227
```

Which statement 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 31

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.

Answer: BCD

NEW QUESTION 33

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

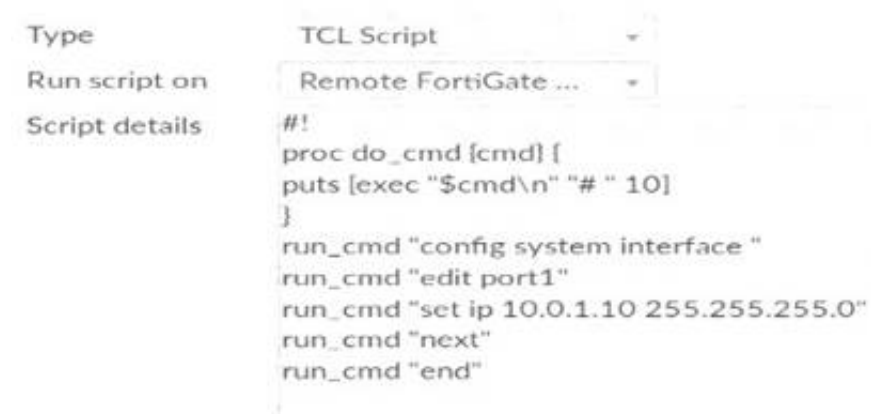
- A. The server does not have the user credentials yet.
- B. The server requires more information from the user, such as the token code for two-factor authentication.
- C. The user credentials are wrong.
- D. The user account is not found in the server.

Answer: B

NEW QUESTION 38

Refer to the exhibit, which contains a TCL script configuration on FortiManager.

An administrator has configured the TCL script on FortiManager, but the TCL script failed to apply any changes to the managed device after being run.



Why did the TCL script fail to make any changes to the managed device?

- A. The TCL command run_cmd has not been created.
- B. The TCL script must start with tinclude <>.
- C. Incomplete commands are ignored in TCL scripts.
- D. Changes to an interface configuration can be made only by a CLI script.

Answer: A

NEW QUESTION 42

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.

Answer: C

NEW QUESTION 45

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 scripts.

Answer: A

Explanation:

https://help.fortinet.com/fmgr/50hlp/56/5-6-2/FortiManager_Admin_Guide/1000_Device%20Manager/2400_Sc

A sequence of FortiGate CLI commands, as you would type them at the command line. A comment line starts with the number sign (#). A comment line will not be executed.

NEW QUESTION 46

Which two statements about OCVPN are true? (Choose two.)

- A. Only root vdom supports OCVPN.
- B. OCVPN supports static and dynamic IPs in WAN interface.
- C. OCVPN offers only Hub-Spoke VPNs.
- D. FortiGate devices under different FortiCare accounts can be used to form OCVPN.

Answer: AB

NEW QUESTION 51

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 54

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

```
diagnose sys session list expectation

session info: proto=6 proto_state=00 duration=3 expire=26 timeout=3600 flags=00000000
sockflag=00000000 sockport=0 av_idx=0 use=3
origin-shaper=
reply-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
origin->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
serial=000000e9 tos=ff/ff ips_view=0 app_list=0 app=0
dd_type=0 dd_mode=0
```

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

- A. This is an expected session created by a session helper.
- B. Traffic in the original direction (coming from the IP address 10.171.122.38) will be routed to the next-hop IP address 10.0.1.10.
- C. Traffic in the original direction (coming from the IP address 10.171.122.38) will be routed to the next-hop IP address 10.200.1.1.
- D. This is an expected session created by an application control profile.

Answer: AC

NEW QUESTION 62

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

- A. It caches available firmware updates for unmanaged devices.
- B. It can be configured as an update server, or a rating server, but not both.
- C. It supports rating requests from both managed and unmanaged devices.
- D. It provides VM license validation services.

Answer: CD

NEW QUESTION 67

What is the diagnose test application ipsmonitor 99 command used for?

- A. To enable IPS bypass mode
- B. To provide information regarding IPS sessions
- C. To disable the IPS engine
- D. To restart all IPS engines and monitors

Answer: D

NEW QUESTION 69

Refer to the exhibit, which contains the output of a BGP debug command.

```
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 statement about the exhibit is true?

- A. The local router has received a total of three BGP prefixes from all peers.
- B. The local router has not established a TCP session with 100.64.3.1.
- C. Since the counters were last reset, the 10.200.3.1 peer has never been down.
- D. The local router BGP state is OpenConfirm with the 10.127.0.75 peer.

Answer: B

NEW QUESTION 71

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 sniffer 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: D

Explanation:

NAT-T is enabled. natt: mode=silent Protocol ESP is used. ESP is encapsulated in UDP port 4500 when NAT-T is enabled.
natt: mode=silent means IPsec is behind NAT (NAT traversal) <https://kb.fortinet.com/kb/documentLink.do?externalID=FD48755>

NEW QUESTION 75

Refer to the exhibit, which contains the output of diagnose sys session list.

```
# 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
origin->sink: org pre->post, reply pre->post dev=4->2/2->4
qwy=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 statement about the output is true?

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

Answer: C

NEW QUESTION 76

Which two configuration settings change the behavior for content-inspected traffic while FortiGate is in conserve mode? (Choose two.)

- A. IPS failopen
- B. mem failopen
- C. AV failopen
- D. UTM failopen

Answer: AC

NEW QUESTION 79

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