



Fortinet

Exam Questions FCSS_NST_SE-7.4

FCSS - Network Security 7.4 Support Engineer

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NEW QUESTION 1

Exhibit.

```
FGT # diagnose debug rating
Locale      : english

Service     : Web-filter
Status      : Enable
License     : Contract

Service     : Antispam
Status      : Disable

Service     : Virus Outbreak Prevention
Status      : Disable

Num. of servers : 1
Protocol     : https
Port        : 443
Anycast     : Enable
Default servers : Included

--- Server List (Mon May  1 03:47:52 2023) ---
IP           Weight  RTT  Flags  TZ  FortiGuard-requests  Curr  Lost  Total  Lost  Updated Time
64.26.151.37    10    45      -5    262432
64.26.151.35    10    46      -5    329072
66.117.56.37    10    75      -5    71638
65.210.95.240   20    71      -8    36875
209.22.147.36   20   103 DI   -8    34784
208.91.112.194  20   107 D    -8    35170
               0    33728
               1    33797
               9    33754
               -5   26410
               26226 26227 Mon May  1 03:47:43 2023
```

Refer to the exhibit, which shows the output of a diagnose command. What can you conclude about the debug output in this scenario?

- A. The first server provided to FortiGate when it performed a DNS query looking for a list of rating servers, was 121.111.236.179.
- B. There is a natural correlation between the value in the FortiGuard-requests field and the value in the Weight field.
- C. FortiGate used 64.26.151.37 as the initial server to validate its contract.
- D. Servers with a negative TZ value are less preferred for rating requests.

Answer: B

NEW QUESTION 2

Which statement about IKEv2 is true?

- A. Both IKEv1and IKEv2 share the feature of asymmetric authentication.
- B. IKEv1and IKEv2 have enough of the header format in common that both versions can run over the same UDP port.
- C. IKEv1and IKEv2 use same TCP port but run on different UDP ports.
- D. IKEv1and IKEv2 share the concept of phase1and phase2.

Answer: B

NEW QUESTION 3

Which exchange lakes care of DoS protection in IKEv2?

- A. Create_CHILD_SA
- B. IKE_Auth
- C. IKE_Req_INIT
- D. IKE_SA_NIT

Answer: C

NEW QUESTION 4

Exhibit 1.

```
config system global
    set snat-route-change disable
end

config router static
    edit 1
        set gateway 10.200.1.254
        set priority 5
        set device "port1"
    next
    edit 2
        set gateway 10.200.2.254
        set priority 10
        set device "port2"
    next
end
```

Exhibit 2.

```
FGT # diagnose sys session list
session info: proto=6 proto_state=01 duration=600 expire=3179 timeout=3600 flags=00000000
sockflag=00000000 sockport= av_idx=0 use=4
origin-shaper=
reply-shaper=
per_ip_shaper=
class_id=0 ha_id=0 policy_dir=0 tunnel=/ vlan cos=0/255
state=log may_dirty npu f00
statistic (bytes/packets/allow_err): org=3208/25/1 reply=11144/29/1 tuples=2
tx speed (Bps/kbps): 0/0 rx speed (Bps/kbps): 0/0
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)
src_mac=b4:f7:a1:e9:91:97
misc=0 policy_id=1 auth_info=0 chk_client_info=0 vd=0
serial=00317c56 tos=ff/ff app_list=0 app=0 url_cat=0
rpdb_link_id = 00000000
dd_type=0 dd_mode=0
npu_state=0x000c00
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
no_ofld_reason:
```

Refer to the exhibits, which show the configuration on FortiGate and partial internet session information from a user on the internal network. An administrator would like to test session failover between the two service provider connections. Which two changes must the administrator make to force this existing session to immediately start using the other interface? (Choose two.)

- A. Change the priority of the port1 static route to 11.
- B. Change the priority of the port2 static route to 5.
- C. Configure unsetsnat-route-change to return it to the default setting.
- D. Configure setsnat-route-change enable.

Answer: AD

NEW QUESTION 5

Which two statements about conserve mode are true? (Choose two.)

- A. FortiGate enters conserve mode when the system memory reaches the configured extreme threshold.
- B. FortiGate starts taking the configured action for new sessions requiring content inspection when the system memory reaches the configured red threshold.
- C. FortiGate exits conserve mode when the system memory goes below the configured green threshold.
- D. FortiGate starts dropping all new sessions when the system memory reaches the configured red threshold.

Answer: BC

NEW QUESTION 6

Consider the scenario where the server name indication (SNI) does not match either the common name (CN) or any of the subject alternative names (SAN) in the server certificate.

Which action will FortiGate take when using the default settings for SSL certificate inspection?

- A. FortiGate uses the SNI from the user's web browser.
- B. FortiGate closes the connection because this represents an invalid SSL/TLS configuration.
- C. FortiGate uses the first entry listed in the SAN field in the server certificate.
- D. FortiGate uses the ZN information from the Subject field in the server certificate.

Answer: C

NEW QUESTION 7

Exhibit.

```
ike 0: comes 10.0.0.2:500->10.0.0.1:500,ifindex=7.
ike 0: IKEv1 exchange=Aggressive id=a2fbd6bb6394401a/06b89c022d4df682 lem=426
ike 0: Remotesite:3: initiator: aggressive mode get 1st response.
ike 0: Remotesite:3: VID DD AFCAD71368A1F1C96B8696FC77570100
ike 0: Remotesite:3: DPD negotiated FC77570100
ike 0: Remotesite:3: VID FORTIGATE 8299031757A3608
ike 0: Remotesite:3: peer is Fortigate/Fartios, (v2C6A621DE00000000
ike 0: Remotesite:3: VID FRAGMENTATION 4048B7D56EB0 bo)
ike 0: Remotesite:3: VID FRAGMENTATION 4048B7D56EBCE88525E7DE7F00D6C2D3
ike 0: Remotesite:3: received peer identifier FQDNCE88525E7DE7F00D6C2D3C0000000
ike 0: Remotesite:3: negotiation result 'remote'
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/
ike 0: Remotesite:3: type=OAKLEY_ENCI none
ike 0: Remotesite:3: type=OAKLEY_HASH_RYPT_ALG, val=AES CBC, key-len=128
ike 0: Remotesite:3: type=AUTH METHOD, val=ALG, val=SHA.
ike 0: Remotesite:3: type=OAKLEY_GROUP, val=PRESHARED KEY.
ike 0: Remotesite:3: ISAKMP SA lifetime=86400 val=MODP1024.
ike 0: Remotesite:3: NAT-T unavailable
ike 0: Remotesite:3: ISAKMP SA a2fbd6bb6394401a/06
ike 0: Remotesite:3: ISAKMP SA a2fbd6bb6394401a/06b89c022d4df682 key 16:39915120ED73E520787C801DE3678916
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 A2FBD6BB6394401A06B89C022D4DF6820810040100000000000000500B000018882A07809026CAB2
ike 0: Remotesite:3: out A2FBD6BB6394401A06B89C022D4DF68208100401000000000000005C64D5CBA90B873F150CB8B5CCZA
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/06689c022d4df682
```

Refer to the exhibit, which contains partial output from an IKE real-time debug. Which two statements about this debug output are correct? (Choose two.)

- A. Perfect Forward Secrecy (PFS) is enabled in the configuration.
- B. The local gateway IP address is 10.0.0.1.
- C. It shows a phase 2 negotiation.
- D. The initiator provided remote as its IPsec peer ID.

Answer: CD

NEW QUESTION 8

Exhibit.

```
# diagnose hardware sysinfo memory
MemTotal:      2055916 kB
MemFree:       708880 kB
Buffers:       22140 kB
Cached:        641364 kB
SwapCached:    0 kB
Active:        726352 kB
Inactive:      98908 kB
```

Refer to the exhibit, which shows a partial output of diagnose hardware sysinfo memory. Which two statements about the output are true? (Choose two.)

- A. There are 98908 kB of memory that will never be used.
- B. The user space has 708880 kB of physical memory that is not used by the system.
- C. The I/O cache, which has 641364 kB of memory allocated to it.
- D. The value indicated next to the inactive heading represents the currently unused cache page.

Answer: AD

NEW QUESTION 9

Refer to the exhibit, which shows the output of a policy route table entry.

```
id=2113929223 static_route=7 dscp_tag=0xff 0xff flags=0x0 tos=0x00 tos_mask=0x00 protocol=0 sport=0-0 iif=0 dport=1-65535 path(1) oif=3(port1) gwy=192.2.0.2
source wildcard(1): 0.0.0.0/0.0.0.0
destination wildcard(1): 0.0.0.0/0.0.0.0
internet service(1): Fortinet-FortiGuard(1245324,0,0,0)
hit_count=0 last_used=2022-02-23 06:39:07
```

Which type of policy route does the output show?

- A. An ISDB route
- B. A regular policy route
- C. A regular policy route, which is associated with an active static route in the FIB
- D. An SD-WAN rule

Answer: A

NEW QUESTION 10

Exhibit.

```
config system fortiguard
  set protocol udp
  set port 8888
  set load-balance-servers1
  set auto-join-forticloud enable
  set update-server-location any
  set sandbox-region ''
  set fortiguard-anycast disable
  set antispam-force-off disable
  set antispam-cache enable
  set antispam-cache-ttl 1800
  set antispam-cache-mpercent2
  set antispam-timeout 7
  set webfilter-force-off enable
  set webfilter-cache enable
  set webfilter-cache-ttl 3600
  set webfilter-timeout 15
  set sdns-server-ip "208.91.112.220"
  set sdns-server-port 53
  unset sdns-options
  set source-ip 0.0.0.0
  set source-id6 ::
  set proxv-server-ip 0.0.0.0
  set proxy-server-port 0
  set proxy-username
  set ddns-server-ip 0.0.0.0
  set dns-server-port 443
end
```

Refer to the exhibit, which shows a FortiGate configuration.

An administrator is troubleshooting a web filter issue on FortiGate. The administrator has configured a web filter profile and applied it to a policy; however the web filter is not inspecting any traffic that is passing through the policy.
What must the administrator do to fix the issue?

- A. Disable webfilter-force-off.
- B. Increase webfilter-timeout.
- C. Enable fortiguard-anycast.
- D. Change protocol to TCP.

Answer: A

NEW QUESTION 10

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