Exam Questions NSE7_SDW-7.0

Fortinet NSE 7 - SD-WAN 7.0

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NEW QUESTION 1
Refer to the exhibit.

```
# diagnose firewall shaper per-ip-shaper list
name FTP_5M
maximum-bandwidth 625 KB/sec
maximum-concurrent-session 5
tos ff/ff
packets dropped 65
bytes dropped 81040
        addr=10.1.0.1 status: bps=0 ses=1
        addr=10.1.0.100 status: bps=0 ses=1
        addr=10.1.10.1 status: bps=1656 ses=3
```

Which are two expected behaviors of the traffic that matches the traffic shaper? (Choose two.)

A. The number of simultaneous connections among all source IP addresses cannot exceed five connections.
B. The traffic shaper limits the combined bandwidth of all connections to a maximum of 5 MB/sec.
C. The number of simultaneous connections allowed for each source IP address cannot exceed five connections.
D. The traffic shaper limits the bandwidth of each source IP address to a maximum of 625 KB/sec.

Answer: CD

NEW QUESTION 2
Refer to the exhibit.

```
ike 0:T_INET_0_0:214: received informational request
ike 0:T_INET_0_0:214: processing notify type SHORTCUT_QUERY
ike 0:T_INET_0_0: recv shortcut-query 9065761962601467474
07409008f7fbd17e/0000000000000000 192.2.0.1 10.0.1.101->10.0.2.101 psk 64 ppk 0 ttl 32
nat 0 ver 2 mode 0
ike 0:T_INET_0: iif 20 10.0.1.101->10.0.2.101 route lookup oif 20 T_INET_0 gwy
10.201.1.1
ike 0:T_INET_0_1: forward shortcut-query 9065761962601467474
07409008f7fbd17e/0000000000000000 192.2.0.1 10.0.1.101->10.0.2.101 psk 64 ppk 0 ttl 31
ver 2 mode 0, ext-mapping 192.2.0.1:500
```

Which statement about the role of the ADVPN device in handling traffic is true?

A. This is a spoke that has received a query from a remote hub and has forwarded the response to its hub.
B. Two hubs, 10.0.1.101 and 10.0.2.101, are receiving and forwarding queries between each other.
C. This is a hub that has received a query from a spoke and has forwarded it to another spoke.
D. Two spokes, 192.2.0.1 and 10.0.2.101, forward their queries to their hubs.

Answer: C

NEW QUESTION 3
What are two reasons for using FortiManager to organize and manage the network for a group of FortiGate devices? (Choose two)

A. It simplifies the deployment and administration of SD-WAN on managed FortiGate devices.
B. It improves SD-WAN performance on the managed FortiGate devices.
C. It sends probe signals as health checks to the beacon servers on behalf of FortiGate.
D. It acts as a policy compliance entity to review all managed FortiGate devices.
E. It reduces WAN usage on FortiGate devices by acting as a local FortiGuard server.

Answer: AE

NEW QUESTION 4
Which are three key routing principles in SD-WAN? (Choose three.)

A. FortiGate performs route lookups for new sessions only.
B. Regular policy routes have precedence over SD-WAN rules.
C. SD-WAN rules have precedence over ISDB routes.
D. By default, SD-WAN members are skipped if they do not have a valid route to the destination.
E. By default, SD-WAN rules are skipped if the best route to the destination is not an SD-WAN member.

Answer: BDE

NEW QUESTION 5
Which two statements are correct when traffic matches the implicit SD-WAN rule? (Choose two.)

A. The sdwan_service_id flag in the session information is 0.
B. All SD-WAN rules have the default setting enabled.

C. Traffic does not match any of the entries in the policy route table.
D. Traffic is load balanced using the algorithm set for the v4-ecmp-mode setting.

Answer: AC

Explanation:
sdwan_service_id is 0 = match SD-WAN implicit rule, study guide 7.0 page 120, 7.2 page 149 SD-WAN rules internally are interpreted as a Policy route, so when the traffic doesn't match with any policy route, it will be flowing by implict policy.

NEW QUESTION 6
Refer to the exhibit, which shows the IPsec phase 1 configuration of a spoke.

```
config vpn ipsec phase1-interface
    edit "T_INET_0_0"
        set interface "port1"
        set ike-version 2
        set keylife 28800
        set peertype any
        set net-device disable
        set proposal aes128-sha256 aes256-sha256 aes128gcm-prfsha256 aes256gcm-prfsha384
chacha20poly1305-prfsha256
        set comments "[created by FMG VPN Manager]"
        set idle-timeout enable
        set idle-timeoutinterval 5
        set auto-discovery-receiver enable
        set remote-gw 100.64.1.1
        set psksecret ENC
6D5rVsaK1MeAyVYt1z95BS24Psew761wY023hnFVviwb6deItSc51tCa+iNYhujT8gycfD4+WuszpmuIv8rRzrVh
7DFkHaW2auAAprQ0dHUfaCzjOhME7mPw+8he2xB7Edb9ku/nZEHb0cKLkKYJc/p9J9IMweV21ZUgFjvIpXNxHxpH
LReOFShoH01SPFKz5IYCVA==
    next
end
```

What must you configure on the IPsec phase 1 configuration for ADVPN to work with SD-WAN?

A. You must set ike-version to 1.
B. You must enable net-device.
C. You must enable auto-discovery-sender.
D. You must disable idle-timeout.

Answer: B

NEW QUESTION 7
Which best describes the SD-WAN traffic shaping mode that bases itself on a percentage of available bandwidth?

A. Interface-based shaping mode
B. Reverse-policy shaping mode
C. Shared-policy shaping mode
D. Per-IP shaping mode

Answer: A

Explanation:
Interface-based shaping goes further, enabling traffic controls based on percentage of the interface bandwidth.

NEW QUESTION 8
What are two common use cases for remote internet access (RIA)? (Choose two.)

A. Provide direct internet access on spokes
B. Provide internet access through the hub
C. Centralize security inspection on the hub
D. Provide thorough inspection on spokes

Answer: BC

NEW QUESTION 9
Which components make up the secure SD-WAN solution?

A. Application, antivirus, and URL, and SSL inspection
B. Datacenter, branch offices, and public cloud
C. FortiGate, FortiManager, FortiAnalyzer, and FortiDeploy
D. Telephone, ISDN, and telecom network.

Answer: C

NEW QUESTION 10
What are two reasons why FortiGate would be unable to complete the zero-touch provisioning process? (Choose two.)

A. The FortiGate cloud key has not been added to the FortiGate cloud portal.
B. FortiDeploy has connected with FortiGate and provided the initial configuration to contact FortiManager

C. The zero-touch provisioning process has completed internally, behind FortiGate.
D. FortiGate has obtained a configuration from the platform template in FortiGate cloud.
E. A factory reset performed on FortiGate.

Answer: AC

NEW QUESTION 10
Refer to the exhibit.

```
session info: proto=6 proto_state=11 duration=242 expire=3349 timeout=3600
flags=00000000 socktype=0 sockport=0 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 dirty may_dirty ndr f00 app_valid
statistic(bytes/packets/allow_err): org=3421/20/1 reply=3777/17/1 tuples=3
tx speed(Bps/kbps): 0/0 rx speed(Bps/kbps): 0/0
orgin->sink: org pre->post, reply pre->post dev=7->3/3->7 gwy=0.0.0.0/0.0.0.0
hook=post dir=org act=snat 10.0.1.101:34676->128.66.0.1:22(192.2.0.1:34676)
hook=pre dir=reply act=dnat 128.66.0.1:22->192.2.0.1:34676(10.0.1.101:34676)
hook=post dir=reply act=noop 128.66.0.1:22->10.0.1.101:34676(0.0.0.0:0)
pos/(before,after) 0/(0,0), 0/(0,0)
misc=0 policy_id=2 pol_uuid_idx=14721 auth_info=0 chk_client_info=0 vd=0
serial=000032d9 tos=ff/ff app_list=2000 app=16060 url_cat=0
sdwan_mbr_seq=1 sdwan_service_id=2
rpdb_link_id=ff000002 rpdb_svc_id=0 ngfwid=n/a
npu_state=0x001008
```

Which statement explains the output shown in the exhibit?

A. FortiGate performed standard FIB routing on the session.
B. FortiGate will not re-evaluate the session following a firewall policy change.
C. FortiGate used 192.2.0.1 as the gateway for the original direction of the traffic.
D. FortiGate must re-evaluate the session due to routing change.

Answer: D

NEW QUESTION 14
Refer to the exhibits.
Exhibit A

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

Exhibit B

```
branch1_fgt # get router info routing-table all
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
       O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default

Routing table for VRF=0
S*      0.0.0.0/0 [1/0] via 192.2.0.2, port2, [1/0]
                  [1/0] via 192.2.0.10, port1 [10/0]
...
```

Exhibit A shows the source NAT (SNAT) global setting and exhibit B shows the routing table on FortiGate.
Based on the exhibits, which two actions does FortiGate perform on existing sessions established over port2, if the administrator increases the static route priority on port2 to 20? (Choose two.)

A. FortiGate flags the sessions as dirty.
B. FortiGate continues routing the sessions with no SNAT, over port2.
C. FortiGate performs a route lookup for the original traffic only.
D. FortiGate updates the gateway information of the sessions with SNAT so that they use port1 instead of port2.

Answer: AD

NEW QUESTION 15
Refer to the exhibits.

Exhibit A

```
branch1_fgt # diagnose sys sdwan service

Service(1): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Gen(8), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(manual)
  Members(2):
    1: Seq_num(1 port1), alive, selected
    2: Seq_num(2 port2), alive, selected
  Internet Service(3): GoToMeeting(4294836966,0,0,0 16354)
Microsoft.Office.365.Portal(4294837474,0,0,0 41468) Salesforce(4294837976,0,0,0 16920)
  Src address(1):
        10.0.1.0-10.0.1.255


Service(2): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Gen(7), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(manual)
  Members(1):
    1: Seq_num(2 port2), alive, selected
  Internet Service(2): Facebook(4294836806,0,0,0 15832) Twitter(4294838278,0,0,0 16001)
  Src address(1):
        10.0.1.0-10.0.1.255

branch1_fgt # diagnose sys sdwan internet-service-app-ctrl-list

Facebook(15832 4294836806): 157.240.229.35 6 443 Tue Mar  8 12:24:04 2022
GoToMeeting(16354 4294836966): 23.205.106.86 6 443 Tue Mar  8 12:24:04 2022
GoToMeeting(16354 4294836966): 23.212.249.144 6 443 Tue Mar  8 12:24:39 2022
Salesforce(16920 4294837976): 23.212.249.11 6 443 Tue Mar  8 12:24:04 2022

branch1_fgt # get router info routing-table all
...
S*     0.0.0.0/0 [1/0] via 192.2.0.2, port1
                 [1/0] via 192.2.0.10, port2
...
```

Exhibit B

Destination IP	Service	Application	Security Event List	SD-WAN Rule Name	Destination Interface
23.212.248.205	HTTPS	GoToMeeting	APP 2		port2
23.205.106.86	HTTPS	GoToMeeting	APP 2	Critical-DIA	port1
23.205.106.86	HTTPS	GoToMeeting	APP 2	Critical-DIA	port1
23.205.106.86	HTTPS	GoToMeeting	APP 2	Critical-DIA	port1
23.212.249.144	HTTPS	GoToMeeting	APP 2	Critical-DIA	port1
23.212.249.144	HTTPS	GoToMeeting	APP 2		port1
23.212.249.144	HTTPS	GoToMeeting	APP 2		port2
23.205.106.86	HTTPS	GoToMeeting	APP 2		port2

Security
- APP Count — 2
- Level — notice
General
- Log ID — 0000000013
- Session ID — 769
- Tran Display — snat
- Virtual Domain — root
Source
- Country — Reserved
- Device ID — FGVM01TM22000077
- Device Name — branch1_fgt
- IP — 10.0.1.101
- Interface — port5
- Interface Role — undefined
- NAT IP — 192.2.0.9
- NAT Port — 51042
- Port — 51042
- Source — 10.0.1.101
- UEBA Endpoint ID — 1025
- UEBA User ID — 3
Destination
- Country — United States
- End User ID — 3
- Endpoint ID — 101
- Host Name — www.gotomeeting.com
- IP — 23.212.248.205
- Interface — port2

An administrator is testing application steering in SD-WAN. Before generating test traffic, the administrator collected the information shown in exhibit A.
After generating GoToMeeting test traffic, the administrator examined the respective traffic log on FortiAnalyzer, which is shown in exhibit B. The administrator noticed that the traffic matched the implicit SD-WAN rule, but they expected the traffic to match rule ID 1.
Which two reasons explain why the traffic matched the implicit SD-WAN rule? (Choose two.)

A. FortiGate did not refresh the routing information on the session after the application was detected.
B. Port1 and port2 do not have a valid route to the destination.
C. Full SSL inspection is not enabled on the matching firewall policy.
D. The session 3-tuple did not match any of the existing entries in the ISDB application cache.

Answer: AC

NEW QUESTION 19
Refer to the exhibit.

```
branch1_fgt # diagnose firewall proute list
list route policy info(vf=root):

id=1 dscp_tag=0xff 0xff flags=0x0 tos=0x00 tos_mask=0x00 protocol=17 sport=0-65535 iif=7
dport=53 path(1) oif=3(port1)
source wildcard(1): 0.0.0.0/0.0.0.0
destination wildcard(1): 4.2.2.1/255.255.255.255
hit_count=0 last_used=2022-03-25 10:53:26

id=2131165185(0x7f070001) vwl_service=1(Critical-DIA) vwl_mbr_seq=1 2 dscp_tag=0xff 0xff
flags=0x0 tos=0x00 tos_mask=0x00 protocol=0 sport=0-65535 iif=0 dport=1-65535 path(2)
oif=3(port1) oif=4(port2)
source(1): 10.0.1.0-10.0.1.255
destination wildcard(1): 0.0.0.0/0.0.0.0
internet service(3): GoToMeeting(4294836966,0,0,0, 16354)
Microsoft.Office.365.Portal(4294837474,0,0,0, 41468) Salesforce(4294837976,0,0,0, 16920)
hit_count=0 last_used=2022-03-24 12:18:16

id=2131165186(0x7f070002) vwl_service=2(Non-Critical-DIA) vwl_mbr_seq=2 dscp_tag=0xff
0xff flags=0x0 tos=0x00 tos_mask=0x00 protocol=0 sport=0-65535 iif=0 dport=1-65535
path(1) oif=4(port2)
source(1): 10.0.1.0-10.0.1.255
destination wildcard(1): 0.0.0.0/0.0.0.0
internet service(2): Facebook(4294836806,0,0,0, 15832) Twitter(4294838278,0,0,0, 16001)
hit_count=0 last_used=2022-03-24 12:18:16

id=2131165187(0x7f070003) vwl_service=3(all_rules) vwl_mbr_seq=1 dscp_tag=0xff 0xff
flags=0x0 tos=0x00 tos_mask=0x00 protocol=0 sport=0-65535 iif=0 dport=1-65535 path(1)
oif=3(port1)
source(1): 0.0.0.0-255.255.255.255
destination(1): 0.0.0.0-255.255.255.255
hit_count=0 last_used=2022-03-25 10:58:12
```

Based on the output, which two conclusions are true? (Choose two.)

A. There is more than one SD-WAN rule configured.
B. The SD-WAN rules take precedence over regular policy routes.
C. The all_rules rule represents the implicit SD-WAN rule.
D. Entry 1(id=1) is a regular policy route.

Answer: AD

NEW QUESTION 24
Refer to the exhibit.

```
branch1_fgt # diagnose sys sdwan service 3

Service(3): Address Mode(IPV4) flags=0x200 use-shortcut-sla
  Gen(5), TOS(0x0/0x0), Protocol(0: 1->65535), Mode(priority), link-cost-
factor(latency), link-cost-threshold(10), heath-check(VPN_PING)
  Members(3):
    1: Seq_num(3 T_INET_0_0), alive, latency: 101.349, selected
    2: Seq_num(4 T_INET_1_0), alive, latency: 151.278, selected
    3: Seq_num(5 T_MPLS_0), alive, latency: 200.984, selected
  Src address(1):
        10.0.1.0-10.0.1.255

  Dst address(1):
        10.0.0.0-10.255.255.255


branch1_fgt (3) # show
config service
    edit 3
        set name "Corp"
        set mode priority
        set dst "Corp-net"
        set src "LAN-net"
        set health-check "VPN_PING"
        set priority-members 3 4 5
    next
end
```

The exhibit shows the SD-WAN rule status and configuration.
Based on the exhibit, which change in the measured latency will make T_MPLS_0 the new preferred member?

A. When T_INET_0_0 and T_MPLS_0 have the same latency.
B. When T_MPLS_0 has a latency of 100 ms.
C. When T_INET_0_0 has a latency of 250 ms.
D. When T_N1PLS_0 has a latency of 80 ms.

Answer: D

NEW QUESTION 29
Refer to the exhibit.

```
config vpn ipsec phase1-interface
    edit "T_INET_0_0"
        set type dynamic
        set interface "port1"
        set keylife 28800
        set peertype any
        set net-device disable
        set proposal aes128-sha256
        set add-route enable
        set psksecret ENC
2v9n4Urfk0W4jj8vWI+KywxBG4ZDT7jWHKd8YaL8j4+pRpYOx/N7mSgc7VL0BW2ZHQUXWJ6zvFxNKktiPYNtA8aP
i6ly7gDx21P/OfKexTQQJzgCGRYzLM8eFTOnK7K6AuX0bFDCpBBhEIdf+03CYBMLwkFZmdU6RsT+qvybblVX+Ioy
HK5EXakpmz5RiltELgZ9Gg==
    next
end
```

Which configuration change is required if the responder FortiGate uses a dynamic routing protocol to exchange routes over IPsec?

A. type must be set to static.
B. mode-cfg must be enabled.
C. exchange-interface-ip must be enabled.
D. add-route must be disabled.

Answer: D

Explanation:
for using "non ike" routes (for example BGP/static and so on) you must do disable the add-route that inject automatically kernel route based on p2 selectors from the remote site from the SD-WAN_7.2_Study_Guide page 236

NEW QUESTION 30
Refer to the exhibit.

```
config system sdwan
    set status enable
    set load-balance source-dest-ip-based
    config zone
        edit "virtual-wan-link"
        next
        edit "SASE"
        next
        edit "underlay"
        next
    end
    config members
        edit 1
            set interface "port1"
            set zone "underlay"
            set gateway 192.2.0.2
        next
        edit 2
            set interface "port2"
            set zone "underlay"
            set gateway 192.2.0.10
        next
    end
...
end
```

Which algorithm does SD-WAN use to distribute traffic that does not match any of the SD-WAN rules?

A. All traffic from a source IP to a destination IP is sent to the same interface.
B. All traffic from a source IP is sent to the same interface.
C. All traffic from a source IP is sent to the most used interface.
D. All traffic from a source IP to a destination IP is sent to the least used interface.

Answer: A

NEW QUESTION 34
Which two protocols in the IPsec suite are most used for authentication and encryption? (Choose two.)

A. Encapsulating Security Payload (ESP)

B. Secure Shell (SSH)
C. Internet Key Exchange (IKE)
D. Security Association (SA)

Answer: AC

NEW QUESTION 36
Which two tasks are part of using central VPN management? (Choose two.)

A. You can configure full mesh, star, and dial-up VPN topologies.
B. You must enable VPN zones for SD-WAN deployments.
C. FortiManager installs VPN settings on both managed and external gateways.
D. You configure VPN communities to define common IPsec settings shared by all VPN gateways.

Answer: AD

NEW QUESTION 38
Refer to the exhibit.

```
config firewall policy
    edit 1
        set anti-replay disable
    next
end
```

In a dual-hub hub-and-spoke SD-WAN deployment, which is a benefit of disabling the anti-replay setting on the hubs?

A. It instructs the hub to disable the reordering of TCP packets on behalf of the receiver, to improve performance.
B. It instructs the hub to disable TCP sequence number check, which is required for TCP sessions originated from spokes to fail over back and forth between the hubs.
C. It instructs the hub to not check the ESP sequence numbers on IPsec traffic, to improve performance.
D. It instructs the hub to skip content inspection on TCP traffic, to improve performance.

Answer: B

NEW QUESTION 40
Which statement is correct about SD-WAN and ADVPN?

A. Routes for ADVPN shortcuts must be manually configured.
B. SD-WAN can steer traffic to ADVPN shortcuts, established over IPsec overlays, configured as SD-WAN members.
C. SD-WAN does not monitor the health and performance of ADVPN shortcuts.
D. You must use IKEv2 on IPsec tunnels.

Answer: B

NEW QUESTION 43
Refer to the exhibit.

```
config system interface
    edit "port2"
        set vdom "root"
        set ip 192.2.0.9 255.255.255.248
        set allowaccess ping
        set type physical
        set role wan
        set snmp-index 2
        set preserve-session-route enable
    next
end
```

Based on the exhibit, which two actions does FortiGate perform on traffic passing through port2? (Choose two.)

A. FortiGate does not change the routing information on existing sessions that use a valid gateway, after a route change.
B. FortiGate performs routing lookups for new sessions only, after a route change.
C. FortiGate always blocks all traffic, after a route change.
D. FortiGate flushes all routing information from the session table, after a route change.

Answer: AB

NEW QUESTION 44
What are two benefits of using the Internet service database (ISDB) in an SD-WAN rule? (Choose two.)

A. The ISDB is dynamically updated and reduces administrative overhead.
B. The ISDB requires application control to maintain signatures and perform load balancing.
C. The ISDB applies rules to traffic from specific sources, based on application type.
D. The ISDB contains the IP addresses and port ranges of well-known internet services.

Answer: AD

NEW QUESTION 48
Refer to the exhibit.

```
id=20085 trace_id=847 func=print_pkt_detail line=5428 msg="vd-root:0 received a
packet(proto=6, 10.1.10.1:33920->74.125.195.93:443) from port3. flag [.], seq
2018554516, ack 4141536963, win 2238"
id=20085 trace_id=847 func=resolve_ip_tuple_fast line=5508 msg="Find an existing
session, id-000008c1, original direction"
id=20085 trace_id=847 func=shaper_handler line=821 msg="exceeded shaper limit, drop"
```

Which conclusion about the packet debug flow output is correct?

A. The original traffic exceeded the maximum packets per second of the outgoing interface, and the packet was dropped.
B. The reply traffic exceeded the maximum bandwidth configured in the traffic shaper, and the packet was dropped.
C. The original traffic exceeded the maximum bandwidth of the outgoing interface, and the packet was dropped.
D. The original traffic exceeded the maximum bandwidth configured in the traffic shaper, and the packet was dropped.

Answer: D

NEW QUESTION 53
Exhibit.

```
id=20010 trace_id=1402 func=print_pkt_detail line=5588 msg="vd-root:0 received a
packet(proto=6, 10.1.10.1:52490->42.44.50.10:443) from port3. flag [.], seq 1213725680,
ack 1169005655, win 65535"
id=20010 trace_id=1402 func=resolve_ip_tuple_fast line=5669 msg="Find an existing
session, id-00001ca4, original direction"
id=20010 trace_id=1402 func=fw_forward_dirty_handler line=447 msg="Denied by quota
check"
```

Which conclusion about the packet debug flow output is correct?

A. The total number of daily sessions for 10.1.10.1 exceeded the maximum number of concurrent sessions configured in the traffic shaper, and the packet was dropped.
B. The packet size exceeded the outgoing interface MTU.
C. The number of concurrent sessions for 10.1.10.1 exceeded the maximum number of concurrent sessions configured in the traffic shaper, and the packet was dropped.
D. The number of concurrent sessions for 10.1.10.1 exceeded the maximum number of concurrent sessions configured in the firewall policy, and the packet was dropped.

Answer: C

Explanation:
In a Per-IP shaper configuration, if an IP address exceeds the configured concurrent session limit, the message "Denied by quota check" appears. SD-WAN 7.0 Study Guide page 287

NEW QUESTION 57
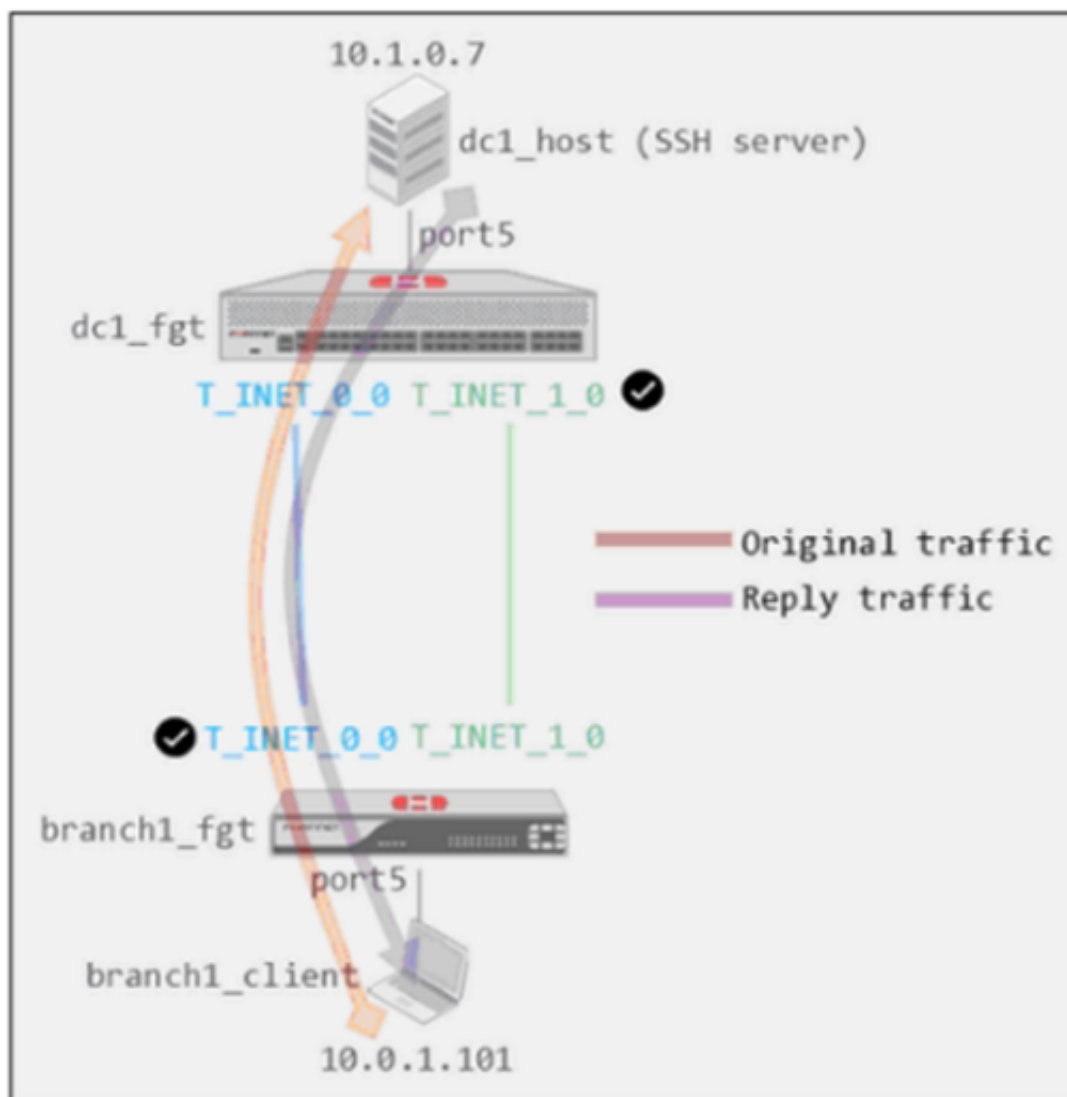Refer to the exhibits.
Exhibit A

Exhibit B

```
dc1_fgt # show system global
config system global
    set admin-https-redirect disable
    set admintimeout 480
    set alias "FortiGate-VM64"
    set hostname "dc1_fgt"
    set timezone 04
end

dc1_fgt # show system settings
config system settings
    set tcp-session-without-syn enable
    set allow-subnet-overlap enable
    set gui-allow-unnamed-policy enable
    set gui-multiple-interface-policy enable
end
```

Exhibit A shows a site-to-site topology between two FortiGate devices: branch1_fgt and dc1_fgt. Exhibit B shows the system global and system settings configuration on dc1_fgt.

When branch1_client establishes a connection to dc1_host, the administrator observes that, on dc1_fgt, the reply traffic is routed over T_INET_0_0, even though T_INET_1_0 is the preferred member in the matching SD-WAN rule.

Based on the information shown in the exhibits, what configuration change must be made on dc1_fgt so dc1_fgt routes the reply traffic over T_INET_1_0?

A. Enable auxiliary-session under config system settings.
B. Disable tp-session-without-syn under config system settings.
C. Enable snat-route-change under config system global.
D. Disable allow-subnet-overlap under config system settings.

Answer: A

Explanation:
Controlling return path with auxiliary session When multiple incoming or outgoing interfaces are used in ECMP or for load balancing, changes to routing, incoming, or return traffic interfaces impacts how an existing sessions handles the traffic. Auxiliary sessions can be used to handle these changes to traffic patterns.https://docs.fortinet.com/document/fortigate/7.0.11/administration-guide/14295/controlling-return-path

NEW QUESTION 62
Refer to the exhibits.
Exhibit A

Edit Traffic Shaping Policy

IP Version	**IPv4** IPv6
Name	Limit_YouTube
Status	**Enable** Disable
Comments	0/255

If Traffic Matches:

Source Internet Service	(off)
Source Address	❖ LAN-net ⊗
Source User	+
Source User Group	+
Destination Internet Service	(off)
Destination Address	🖥 all ⊗
Schedule	+
Service	🕮 ALL ⊗
Application	▶ YouTube ⊗
Application Category	+
Application Group	+
URL Category	+
Type Of Service	0x00
Type Of Service Mask	0x00

Then:

Action	**Apply Shaper** Assign Group
Outgoing Interface	❖ underlay ⊗
Shared Shaper	← low-priority ⊗
Reverse Shaper	◱ low-priority ⊗
Per-IP Shaper	+
Differentiated Services	(off)
Differentiated Services Reverse	(off)

Exhibit B

Edit Firewall Policy

ID	1
Name	DIA
ZTNA	**Disable** Full ZTNA IP/MAC filtering
Incoming Interface	❖ LAN ⊗
Outgoing Interface	❖ underlay ⊗
Source Internet Service	(off)
IPv4 Source Address	❖ LAN-net ⊗
IPv6 Source Address	+
Source User	+
Source User Group	+
FSSO Groups	+
Destination Internet Service	(off)
IPv4 Destination Address	🖥 all ⊗
IPv6 Destination Address	+
Service	🕮 ALL ⊗
Schedule	🕮 always ⊗
Action	Deny **Accept** IPSEC
Inspection Mode	**Flow-based** Proxy-based

Firewall/Network Options

NAT	✓
	NAT NAT46 NAT64
IP Pool Configuration	**Use Outgoing Interface Address** Use Dynamic IP Pool
Preserve Source Port	☐
Protocol Options	🕮 default ⊗

Disclaimer Options

Display Disclaimer	(off)
Security Profiles	☐
SSL/SSH Inspection	🔍 deep-inspection ⊗
Decrypted Traffic Mirror	+

Traffic Shaping Options

Shared Shaper	+
Reverse Shaper	+
Per-IP Shaper	+

Logging Options

Log Allowed Traffic	No Log Log Security Events **Log All Sessions**
	☐ Capture Packets
	☐ Generate Logs when Session Starts

Exhibit A shows the traffic shaping policy and exhibit B shows the firewall policy.
The administrator wants FortiGate to limit the bandwidth used by YouTube. When testing, the administrator determines that FortiGate does not apply traffic shaping on YouTube traffic.
Based on the policies shown in the exhibits, what configuration change must be made so FortiGate performs traffic shaping on YouTube traffic?

A. Destination internet service must be enabled on the traffic shaping policy.
B. Application control must be enabled on the firewall policy.
C. Web filtering must be enabled on the firewall policy.
D. Individual SD-WAN members must be selected as the outgoing interface on the traffic shaping policy.

Answer: B

NEW QUESTION 63
Refer to the exhibit.

```
# get router info routing-table all
...
B      10.0.2.0/24 [200/0] via 10.201.1.2 [3] (recursive via VPN0 tunnel 100.64.1.1), 00:00:54
                   [200/0] via 10.202.1.2 [3] (recursive via VPN1 tunnel 100.64.1.9), 00:00:54
                   [200/0] via 10.203.1.1 [3] (recursive via VPN2 tunnel 172.16.1.5), 00:00:54
...
```

The device exchanges routes using IBGP.
Which two statements are correct about the IBGP configuration and routing information on the device? (Choose two.)

A. Each BGP route is three hops away from the destination.
B. ibgp-multipath is disabled.
C. additional-path is enabled.
D. You can run the get router info routing-table database command to display the additional paths.

Answer: CD

NEW QUESTION 68
Which two statements are true about using SD-WAN to steer local-out traffic? (Choose two.)

A. FortiGate does not consider the source address of the packet when matching an SD-WAN rule for local-out traffic.
B. By default, local-out traffic does not use SD-WAN.
C. By default, FortiGate does not check if the selected member has a valid route to the destination.
D. You must configure each local-out feature individually, to use SD-WAN.

Answer: BD

NEW QUESTION 69
......

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