Fortinet

Exam Questions NSE7_SDW-7.0

Fortinet NSE 7 - SD-WAN 7.0

NEW QUESTION 1
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

NEW QUESTION 2
Exhibit A –

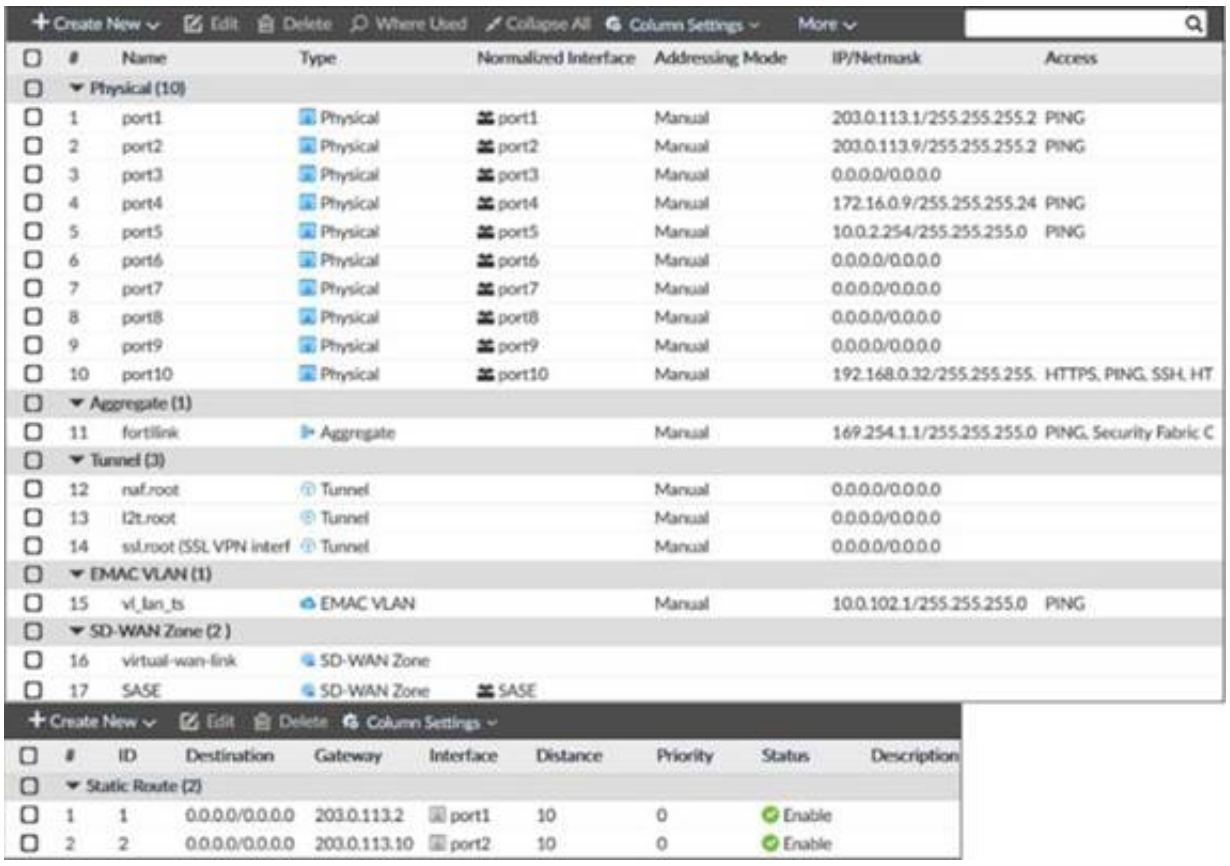

Exhibit B –

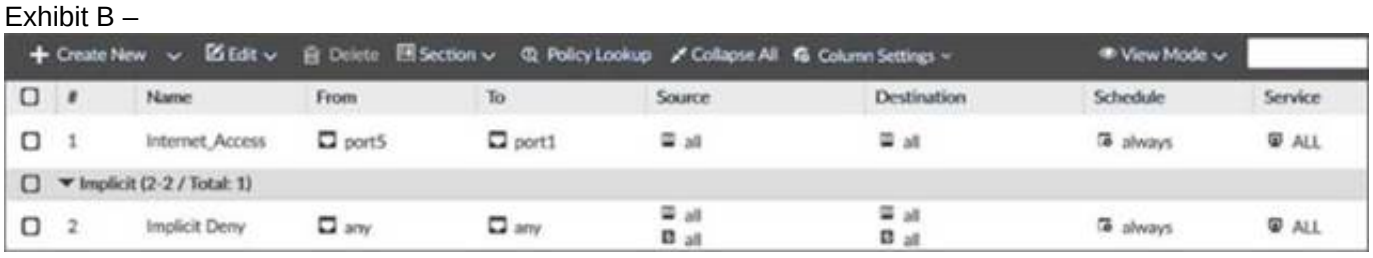

Exhibit A shows the system interface with the static routes and exhibit B shows the firewall policies on the managed FortiGate.
Based on the FortiGate configuration shown in the exhibits, what issue might you encounter when creating an SD-WAN zone for port1 and port2?

A. port1 is assigned a manual IP address.
B. port1 is referenced in a firewall policy.
C. port2 is referenced in a static route.
D. port1 and port2 are not administratively down.

Answer: B

NEW QUESTION 3
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 4
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
Zv9n4Urfk0W4jj6vWI+KywxBG4ZDT7jWHKd8YaL8j4+pRpYOx/N7mSgc7VL0BW2ZHQUXWJ6zvFxNKktiPYNtA8aP
i6ly7gDx2lP/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 5
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 6
Which two performance SLA protocols enable you to verify that the server response contains a specific value? (Choose two.)

A. http
B. icmp
C. twamp
D. dns

Answer: AD

NEW QUESTION 7
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 8
Which are two benefits of using CLI templates in FortiManager? (Choose two.)

A. You can reference meta fields.
B. You can configure interfaces as SD-WAN members without having to remove references first.
C. You can configure FortiManager to sync local configuration changes made on the managed device, to the CLI template.
D. You can configure advanced CLI settings.

Answer: AD

NEW QUESTION 9
Refer to the exhibits.
Exhibit A

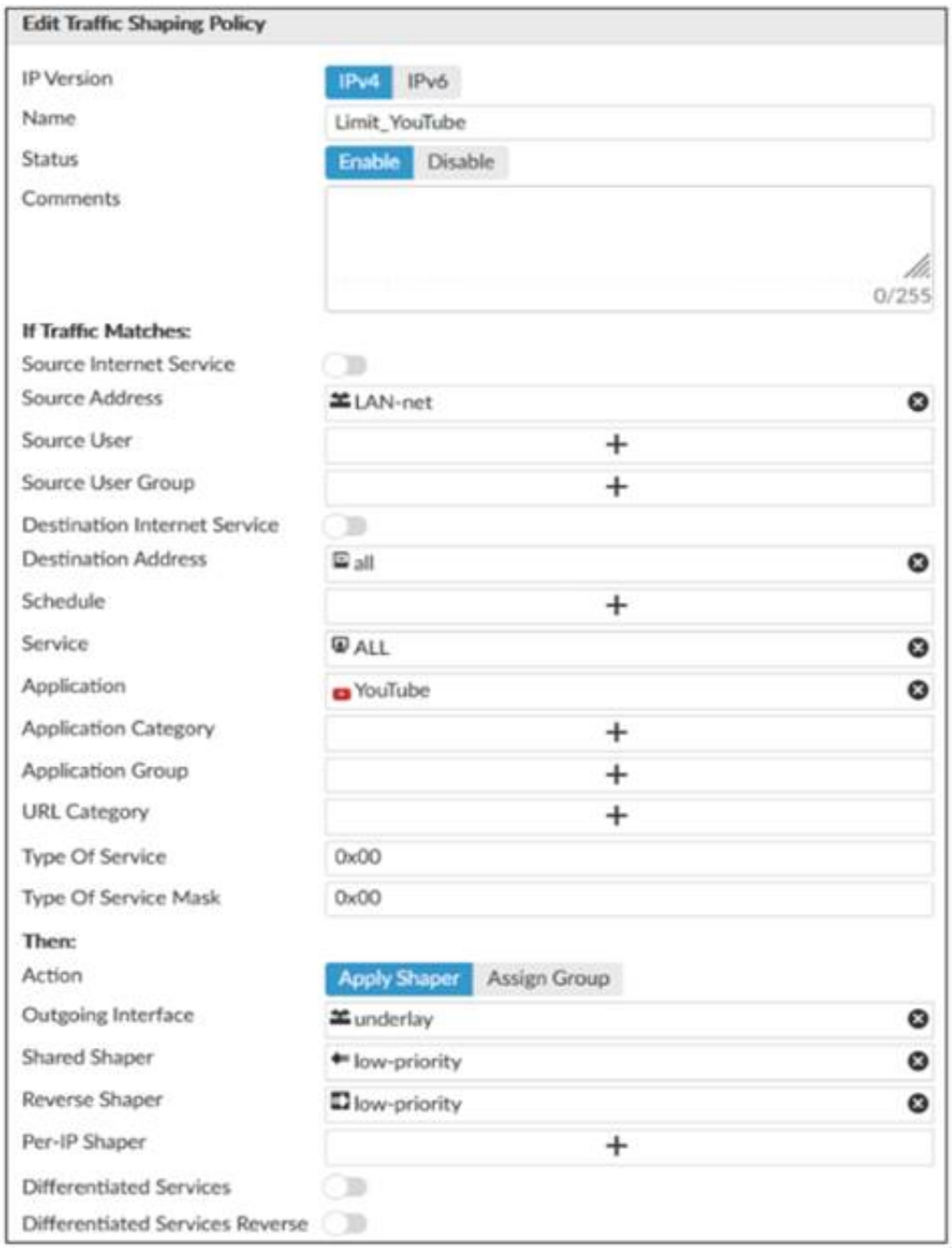

Exhibit B

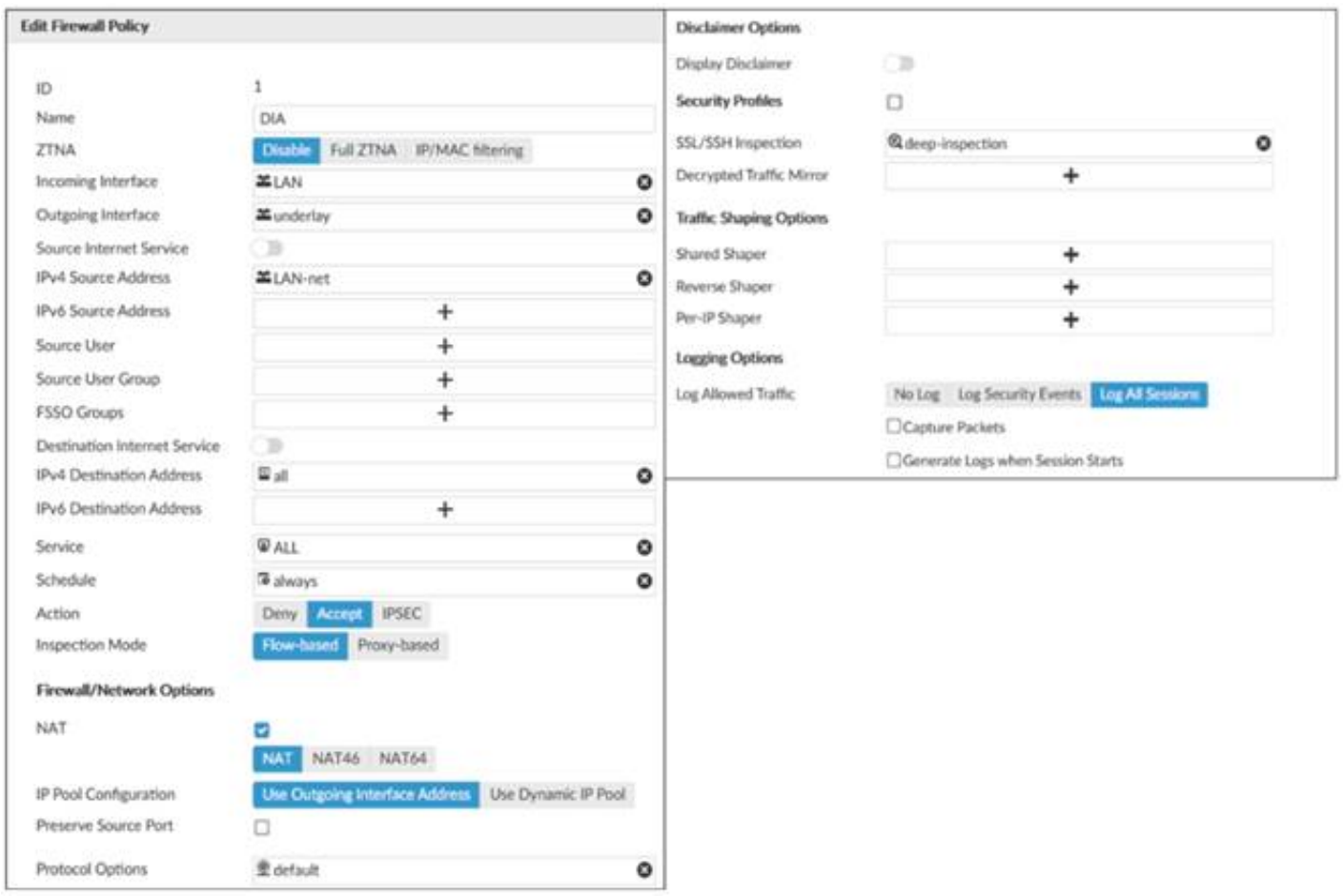

Exhibit A shows the traffic shaping policy and exhibit B shows the firewall policy.
The administrator wants FortiGate to limit the bandwidth used by YouTube. When testing, the administrator determines that FortiGate does not apply traffic shaping on YouTube traffic.
Based on the policies shown in the 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 10
Refer to the exhibits.
Exhibit A

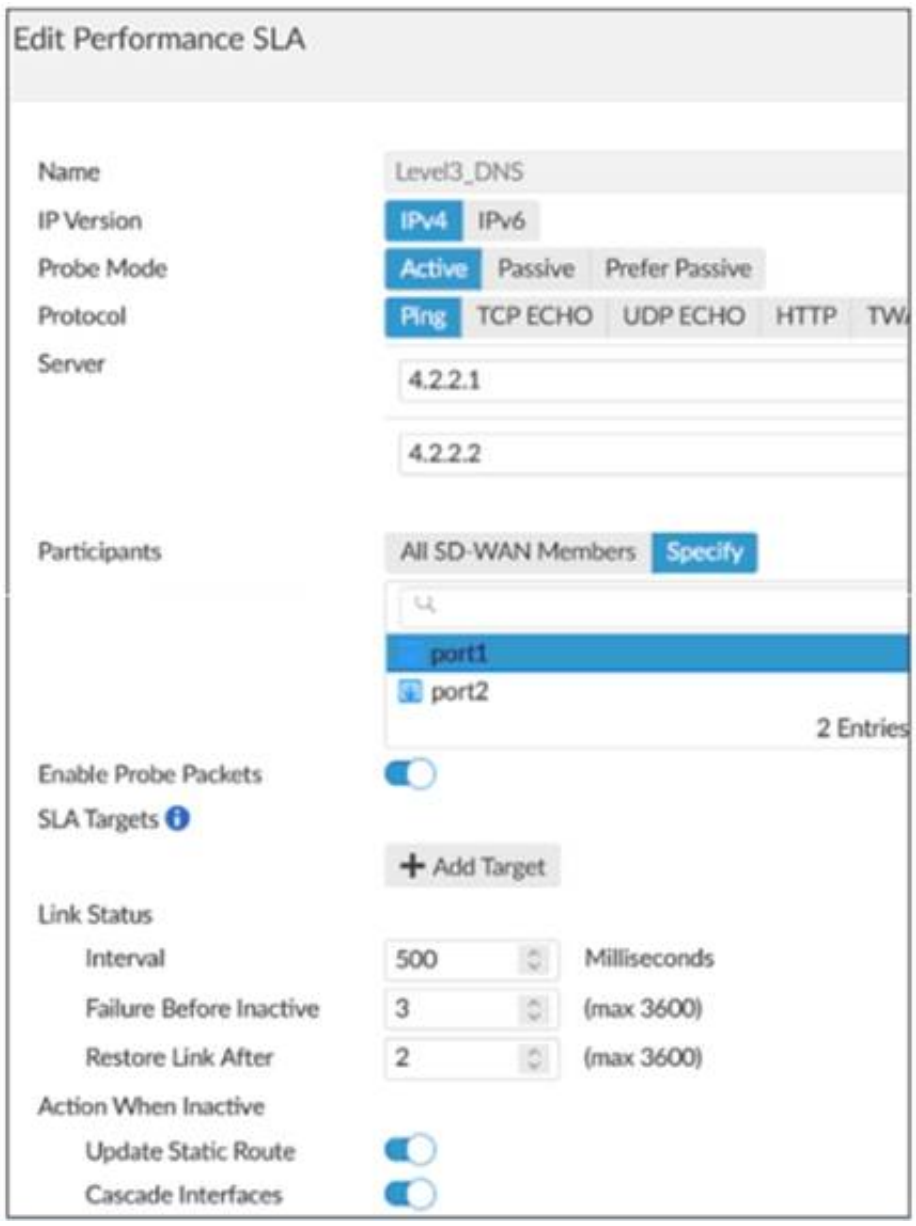

Exhibit B -

```
branch1_fgt # diagnose sys sdwan member | grep port
Member(1): interface: port1, flags=0x0 , gateway: 192.2.0.2, priority: 0 1024, weight: 0
Member(2): interface: port2, flags=0x0 , gateway: 192.2.0.10, priority: 0 1024, weight: 0

branch1_fgt # get router info routing-table all | grep port
S*      0.0.0.0/0 [1/0] via 192.2.0.2, port1
                  [1/0] via 192.2.0.10, port2
S       8.8.8.8/32 [10/0] via 192.2.0.11, port2
C       10.0.1.0/24 is directly connected, port5
S       172.16.0.0/16 [10/0] via 172.16.0.2, port4
C       172.16.0.0/29 is directly connected, port4
C       192.2.0.0/29 is directly connected, port1
C       192.2.0.8/29 is directly connected, port2
C       192.168.0.0/24 is directly connected, port10

branch1_fgt # diagnose sys sdwan health-check status Level3_DNS
Health Check(Level3_DNS):
Seq(1 port1): state(alive), packet-loss(0.000%) latency(1.919), jitter(0.137), bandwidth-
up(10238), bandwidth-dw(10238), bandwidth-bi(20476) sla_map=0x0
Seq(2 port2): state(alive), packet-loss(0.000%) latency(1.509), jitter(0.101), bandwidth-
up(10238), bandwidth-dw(10238), bandwidth-bi(20476) sla_map=0x0
```

Exhibit A shows the SD-WAN performance SLA and exhibit B shows the SD-WAN member status, the routing table, and the performance SLA status.
If port2 is detected dead by FortiGate, what is the expected behavior?

A. Port2 becomes alive after three successful probes are detected.
B. FortiGate removes all static routes for port2.
C. The administrator manually restores the static routes for port2, if port2 becomes alive.
D. Host 8.8.8.8 is reachable through port1 and port2.

Answer: B

Explanation:
This is due to Update static route is enable which removes the static route entry referencing the interface if the interface is dead

NEW QUESTION 10
Which two settings can you configure to speed up routing convergence in BGP? (Choose two.)

A. update-source
B. set-route-tag
C. holdtime-timer
D. link-down-failover

Answer: CD

NEW QUESTION 11

Refer to the exhibit.

```
config system settings
    set firewall-session-dirty check-new
end
```

Based on the exhibit, which two actions does FortiGate perform on sessions after a firewall policy change? (Choose two.)

A. FortiGate flushes all sessions.
B. FortiGate terminates the old sessions.
C. FortiGate does not change existing sessions.
D. FortiGate evaluates new sessions.

Answer: CD

Explanation:
FortiGate not to flag existing impacted session as dirty by setting firewall-session-dirty to check new. The results is that FortiGate evaluates only new session against the new firewall policy.

NEW QUESTION 16
Refer to the exhibits.
Exhibit A

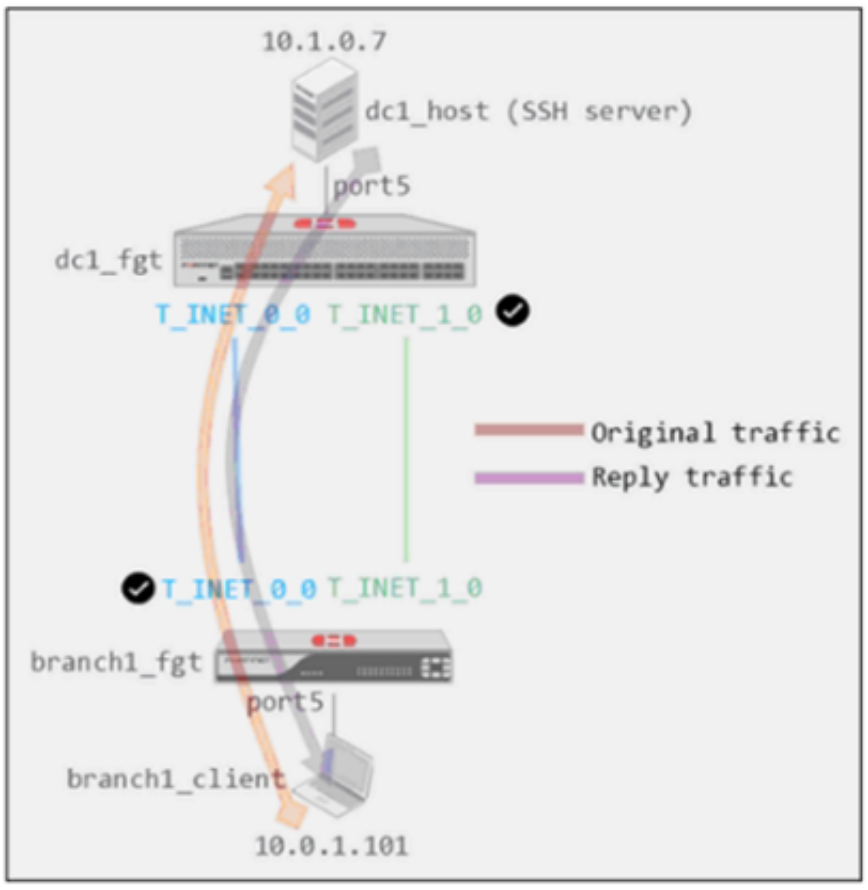

Exhibit B

```
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 19
In the default SD-WAN minimum configuration, which two statements are correct when traffic matches the default implicit SD-WAN rule? (Choose two)

A. Traffic has matched none of the FortiGate policy routes.
B. Matched traffic failed RPF and was caught by the rule.
C. The FIB lookup resolved interface was the SD-WAN interface.
D. An absolute SD-WAN rule was defined and matched traffic.

Answer: AC

NEW QUESTION 23
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