Fortinet

Exam Questions NSE4_FGT_AD-7.6

Fortinet NSE 4 - FortiOS 7.6 Administrator

NEW QUESTION 1
Refer to the exhibit showing a debug flow output.

Debug Flow output

```
vd-root:0 received a packet(proto=1, 10.0.11.50:3->100.65.0.254:2048) tun_id=0.0.0.0 from port4. type=8, code=0, id=3, seq=5.
allocate a new session-00000721
in-[port4], out-[]
len=0
result: skb_flags-02000000, vid-0, ret-no-match, act-accept, flag-00000000
find a route: flag=00000000 gw-0.0.0.0 via port2
in-[port4], out-[port2], skb_flags-02000000, vid-0, app_id: 0, url_cat_id: 0
gnum-100004, use addr/intf hash, len=3
checked gnum-100004 policy-2, ret-matched, act-accept
ret-matched
gnum-4e20, check-ffffffffa002c9c7
checked gnum-4e20 policy-6, ret-no-match, act-accept
gnum-4e20 check result: ret-no-match, act-accept, flag-00000000, flag2-00000000
policy-2 is matched, act-drop
after iprope_captive_check(): is_captive-0, ret-matched, act-drop, idx-2
Denied by forward policy check (policy 2)
```

Which two conclusions can you make from the debug flow output? (Choose two answers)

A. The default gateway is configured on port2.
B. The RPF check fails.
C. The debug flow is for UDP traffic.
D. The matching firewall policy denies the traffic.

Answer: AD

NEW QUESTION 2
There are multiple dialup IPsec VPNs configured in aggressive mode on the HQ FortiGate. The requirement is to connect dial-up users to their respective department VPN tunnels.
Which phase 1 setting you can configure to match the user to the tunnel?

A. Local Gateway
B. Dead Peer Detection
C. Peer ID
D. IKE Mode Config

Answer: C

NEW QUESTION 3
Which three strategies are valid SD-WAN rule strategies for member selection? (Choose three answers)

A. Lowest Cost (SLA) without load balancing

B. Manual with load balancing
C. Lowest Quality (SLA) with load balancing
D. Lowest Cost (SLA) with load balancing
E. Best Quality with load balancing

Answer: ABD

NEW QUESTION 4
An administrator manages a FortiGate model that supports NTurbo How does NTurbo acceleration enhance antivirus performance?

A. For flow-based inspectio
B. NTurbo establishes a dedicated data path to redirect traffic between the IPS engine and FortiGate ingress and egress interfaces.
C. For flow-based inspectio
D. NTurbo creates two inspection sessions on the FortiGate device.
E. For proxy-based inspectio
F. NTurbo offloads traffic to the content processor.
G. For proxy-based inspectio
H. NTurbo buffers the whole file and then sends it to the antivirus engine.

Answer: A

NEW QUESTION 5
Which two statements describe characteristics of automation stitches? (Choose two answers)
A. Actions involve only devices included in the Security Fabric.
B. An automation stitch can have multiple triggers.
C. Multiple actions can run in parallel.
D. Triggers can involve external connectors.

Answer: CD

NEW QUESTION 6
A new administrator is configuring FSSO authentication on FortiGate using DC Agent Mode. Which step is not part of the expected process?

A. The DC agent sends login event data directly to FortiGate.
B. FortiGate determines user identity based on the IP address in the FSSO list.
C. The collector agent forwards login event data to FortiGate.
D. The user logs into the windows domain.

Answer: A

NEW QUESTION 7
Refer to the exhibit.

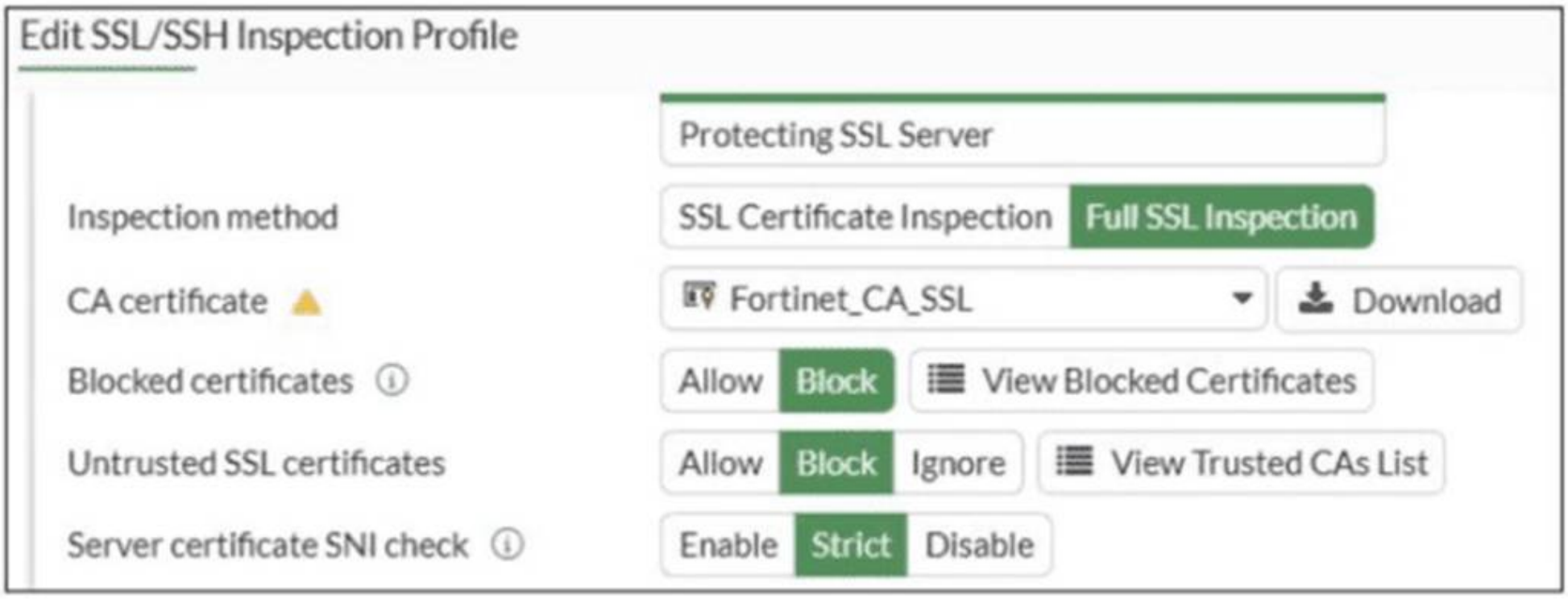
Destination	Gateway IP	Interface	Status
0.0.0.0/0	100.65.0.254	port2	Enabled
10.10.10.0/24	100.66.0.254	port3	Enabled
10.0.13.0/24	10.0.13.125	port6	Enabled

Based on the routing table shown in the exhibit, which two statements are true? (Choose two.)

A. A packet with the source IP address 10.0.13.10 arriving on port2 is allowed if strict RPF is disabled.
B. A packet with the source IP address 10.100.110.10 arriving on port2 is allowed if strict RPF is enabled.
C. A packet with the source IP address 10.100.110.10 arriving on port3 is allowed if strict RPF is disabled.
D. A packet with the source IP address 10.10.10.10 arriving on port2 is allowed if strict RPF is enabled.

Answer: AC

NEW QUESTION 8
Refer to the exhibit.



What would be the impact of these settings on the Server certificate SNI check configuration on FortiGate?

A. FortiGate will accept and use the CN in the server certificate for URL filtering if the SNI does not match the CN or SAN fields.
B. FortiGate will accept the connection with a warning if the SNI does not match the CN or SAN fields.
C. FortiGate will close the connection if the SNI does not match the CN or SAN fields.
D. FortiGate will close the connection if the SNI does not match the CN and SAN fields

Answer: C

NEW QUESTION 9
Which two statements are correct when FortiGate enters conserve mode? (Choose two answers)

A. FortiGate continues to run critical security actions, such as quarantine.
B. FortiGate refuses to accept configuration changes.
C. FortiGate halts complete system operation and requires a reboot to regain available resources.
D. FortiGate continues to transmit packets without IPS inspection when the fail-open global setting in IPS is enabled.

Answer: BD

NEW QUESTION 10
Which three statements explain a flow-based antivirus profile? (Choose three answers)

A. FortiGate buffers the whole file but transmits to the client at the same time.
B. Flow-based inspection uses a hybrid of the scanning modes available in proxy-based inspection.
C. If a virus is detected, the last packet is delivered to the client.
D. Flow-based inspection optimizes performance compared to proxy-based inspection.
E. The IPS engine handles the process as a standalone.

Answer: ABD

NEW QUESTION 10
Which three statements about SD-WAN performance SLAs are true? (Choose three.)

A. They rely on session loss and jitter.
B. They monitor the state of the FortiGate device.
C. All the SLA targets can be configured.
D. They are applied in a SD-WAN rule lowest cost strategy.
E. They can be measured actively or passively.

Answer: CDE

NEW QUESTION 15
Refer to the exhibit.

The NOC team connects to the FortiGate GUI with the NOC_Access admin profile. They request that their GUI sessions do not disconnect too early during inactivity. What must the administrator configure to answer this specific request from the NOC team?

A. Increase the admintimeout value under config system accprofile noc Access.
B. increase the of line value of the override idle Timeout parameter in the NOC_Access admin profile.
C. Move NOC_Access to the top of the list to ensure all profile settings take effect.
D. Ensure that all NOC_Access users are assigned the super_admin role to guarantee access.

Answer: B

NEW QUESTION 16
What is the primary FortiGate election process when the HA override setting is enabled? (Choose one answer)

A. Connected monitored ports > Priority > HA uptime > FortiGate serial number
B. Connected monitored ports > Priority > System uptime > FortiGate serial number
C. Connected monitored ports > HA uptime > Priority > FortiGate serial number
D. Connected monitored ports > System uptime > Priority > FortiGate serial number

Answer: A

NEW QUESTION 21
Refer to the exhibits.

HA configuration

```
HQ-NGFW-1 # config system ha

HQ-NGFW-1 (ha) # show
config system ha
    set group-id 5
    set group-name "Training"
    set mode a-p
    set password ENC a4fbyqY4iPexFmAnZgzDY
    set hbdev "port7" 0
    set session-pickup enable
    set override disable
    set priority 200
    set monitor "port1"
    set memory-based-failover enable
    set memory-failover-threshold 70
    set memory-failover-monitor-period 50
    set memory-failover-sample-rate 10
    set memory-failover-flip-timeout 60
end
```

HQ-NGFW-1 System Performance output

```
HQ-NGFW-1 # get system performance status
CPU states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
CPU0 states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
CPU1 states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
Memory: 2042076k total, 1837868k used (90%), 104146k free (5.1%), 100062k freeable (4.9%)
Average network usage: 19/2 kbps in 1 minute, 19/4 kbps in 10 minutes, 19/3 kbps in 30 minutes
Maximal network usage: 36/18 kbps in 1 minute, 58/86 kbps in 10 minutes, 58/87  kbps in 30 minutes
Average sessions: 21 sessions in 1 minute, 22 sessions  in 10 minutes, 21 sessions in 30 minutes
Maximal sessions: 22 sessions in 1 minute, 28 sessions  in 10 minutes, 28 sessions in 30 minutes
Average session setup rate: 0 sessions per second in last 1 minute, 0 sessions per second in last 10 minutes
Maximal session setup rate: 0 sessions per second in last 1 minute, 1 sessions per second in last 10 minutes
Average NPU sessions: 0 sessions in last 1 minute, 0 sessions in last 10 minutes, 0 sessions in last 30 minutes
Maximal NPU sessions: 0 sessions in last 1 minute, 0 sessions in last 10 minutes, 0 sessions in last 30 minutes
Virus caught: 0 total in 1 minute
IPS attacks blocked: 0 total in 1 minute
Uptime: 10 days, 22 hours, 50 minutes
```

HQ-NGFW-2 System Performance output

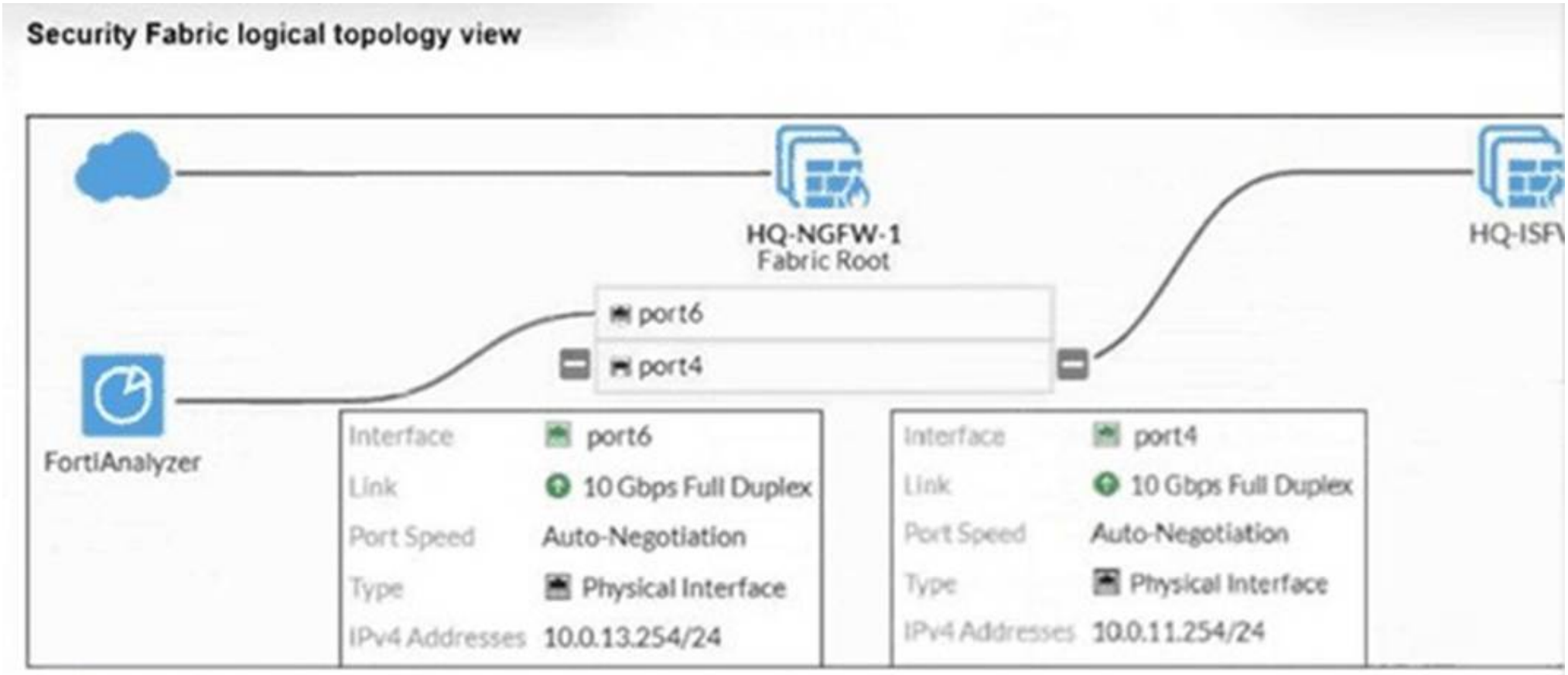
```
HQ-NGFW-2 # get system performance status
CPU states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
CPU0 states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
CPU1 states: 0% user 0% system 0% nice 100% idle 0% iowait 0% irq 0% softirq
Memory: 2042076k total, 993836k used (48.7%), 690352k free (33.8%), 357888k freeable (17.5%)
Average network usage: 26/18 kbps in 1 minute, 25/18 kbps in 10 minutes, 24/18 kbps in 30 minutes
Maximal network usage: 91/27 kbps in 1 minute, 92/27 kbps in 10 minutes, 92/32  kbps in 30 minutes
Average sessions: 9 sessions in 1 minute, 9 sessions    in 10 minutes, 9 sessions in 30 minutes
Maximal sessions: 11 sessions in 1 minute, 11 sessions  in 10 minutes, 13 sessions in 30 minutes
Average session setup rate: 0 sessions per second in last 1 minute, 0 sessions per second in last 10 minutes
Maximal session setup rate: 0 sessions per second in last 1 minute, 1 sessions per second in last 10 minutes
Average NPU sessions: 0 sessions in last 1 minute, 0 sessions in last 10 minutes, 0 sessions in last 30 minutes
Maximal NPU sessions: 0 sessions in last 1 minute, 0 sessions in last 10 minutes, 0 sessions in last 30 minutes
Virus caught: 0 total in 1 minute
IPS attacks blocked: 0 total in 1 minute
Uptime: 10 days, 10 hours, 50 minutes
```

An administrator has observed the performance status outputs on an HA cluster for 55 seconds.
Which FortiGate is the primary?

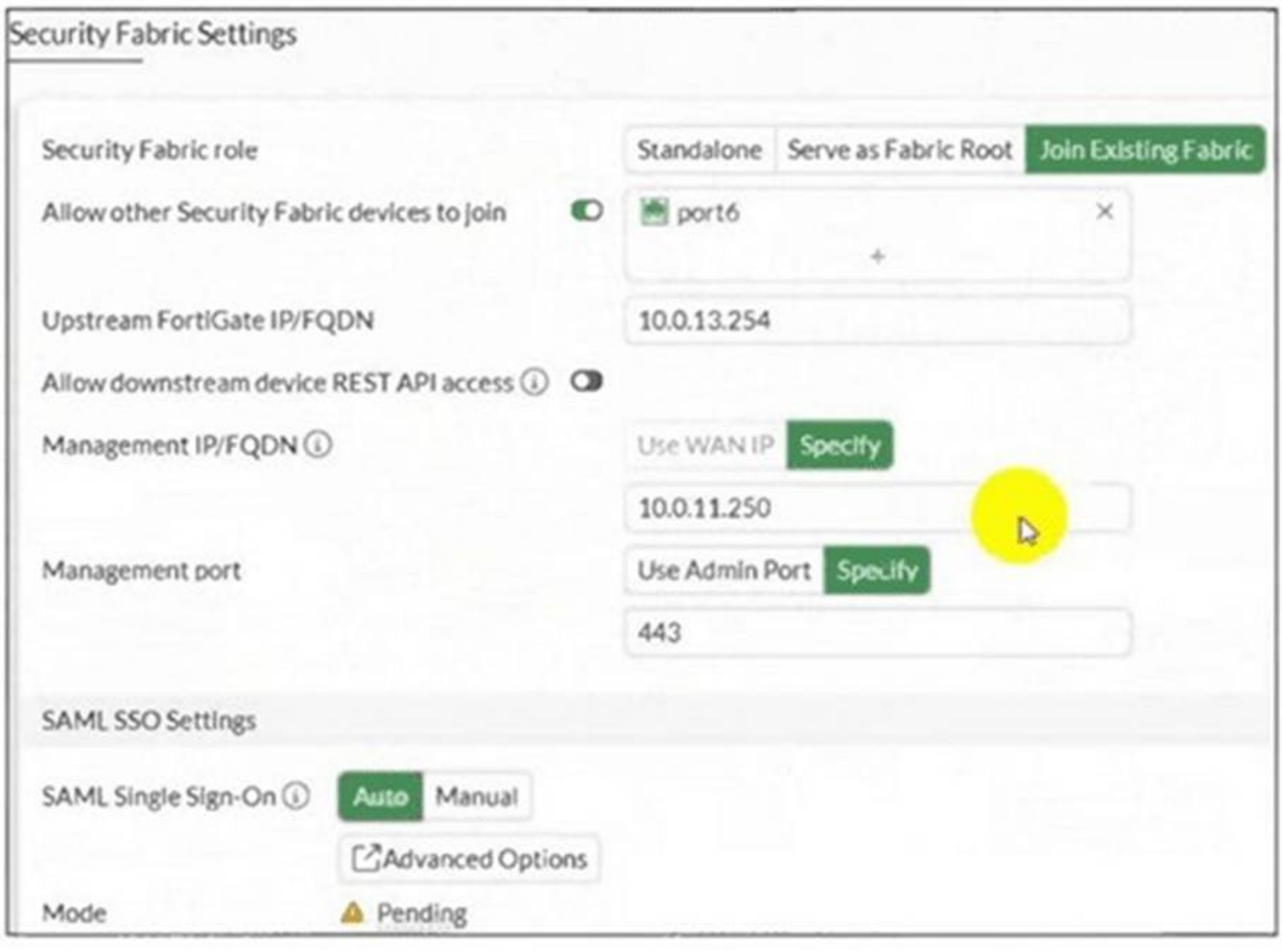
A. HQ-NGFW-1 with the parameter memory-failover-flip-timeout setting
B. HQ-NGFW-2 with the parameter priority setting
C. HQ-NGFW-1 with the parameter override setting
D. HQ-NGFW-2 with the parameter memory-failover-threshold setting

Answer: D

NEW QUESTION 24
Refer to the exhibits.



Security Fabric settings on HQ-ISFW-2



An administrator wants to add HQ-ISFW-2 in the Security Fabric. HQ-ISFW-2 is in the same subnet as HQ-ISFW. After configuring the Security Fabric settings on HQ-ISFW-2, the status stays Pending. What can be the two possible reasons? (Choose two answers)

A. Upstream FortiGate IP must be set to 10.0.11.254.
B. SAML Single Sign-On must be set to Manual.

C. HQ-ISFW-2 must be authorized on HQ-ISFW.
D. Management IP must be set to 10.0.13.254.

Answer: AC

NEW QUESTION 29
FortiGate is operating in NAT mode and has two physical interfaces connected to the LAN and DMZ networks respectively. Which two statements about the requirements of connected physical interfaces on FortiGate are true? (Choose two.)

A. Both interfaces must have DHCP enabled and interfaces set to LAN and DMZ roles assigned.
B. Both interfaces must have the interface role assigned.
C. Both interfaces must have directly connected routes on the routing table.
D. Both interfaces must have IP addresses assigned.

Answer: CD

NEW QUESTION 32
Which two statements are correct when the FortiGate device enters conserve mode? (Choose two.)

A. FortiGate refuses to accept configuration changes.
B. FortiGate halts complete system operation and requires a reboot to regain available resources.
C. FortiGate continues to transmit packets without IPS inspection when the fail-open global setting in IPS is enabled.
D. FortiGate continues to run critical security actions, such as quarantine.

Answer: AC

NEW QUESTION 34
An administrator has configured a dialup IPsec VPN on FortiGate with add-route enabled. However, the static route is not showing in the routing table. Which two statements about this scenario are correct? (Choose two.)

A. The administrator must use a policy route instead of a static route for add-route to work properly.
B. The administrator must ensure phase 2 is successfully established
C. The administrator must define the remote network correctly in the phase 2 selectors.
D. The administrator must enable a dynamic routing protocol on the dialup interface.

Answer: BC

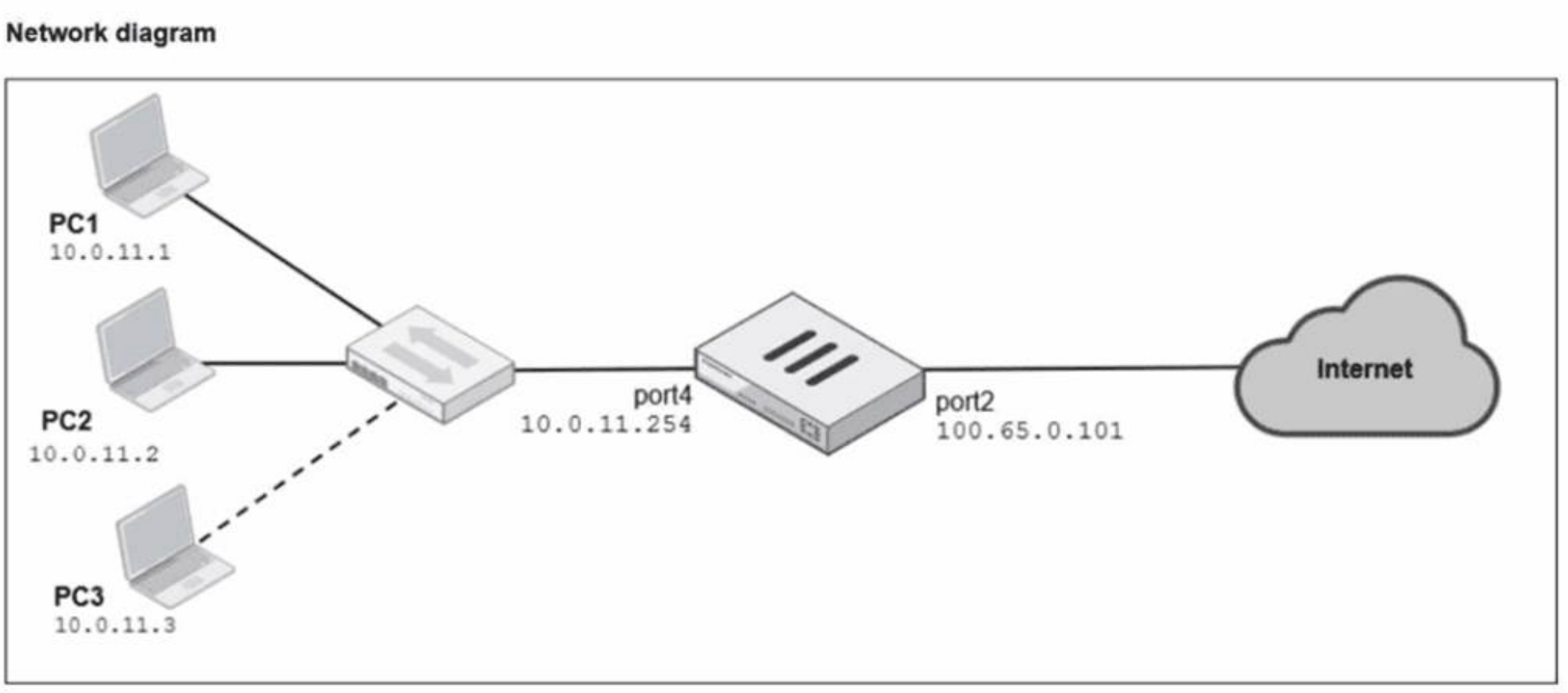
NEW QUESTION 35
How does FortiExtender connect to FortiSASE in a site-based, remote internet access method?

A. FortiExtender uses a Virtual Extensible LAN (VXLAN)-over-IPsec connection.
B. FortiExtender establishes a secure SSL connection using FortiClient.
C. FortiExtender first connects to a FortiGate LAN extension through a secure web gateway (SWG).
D. FortiExtender uses the proxy auto-configuration <PAC) file and an explicit web proxy to connect.

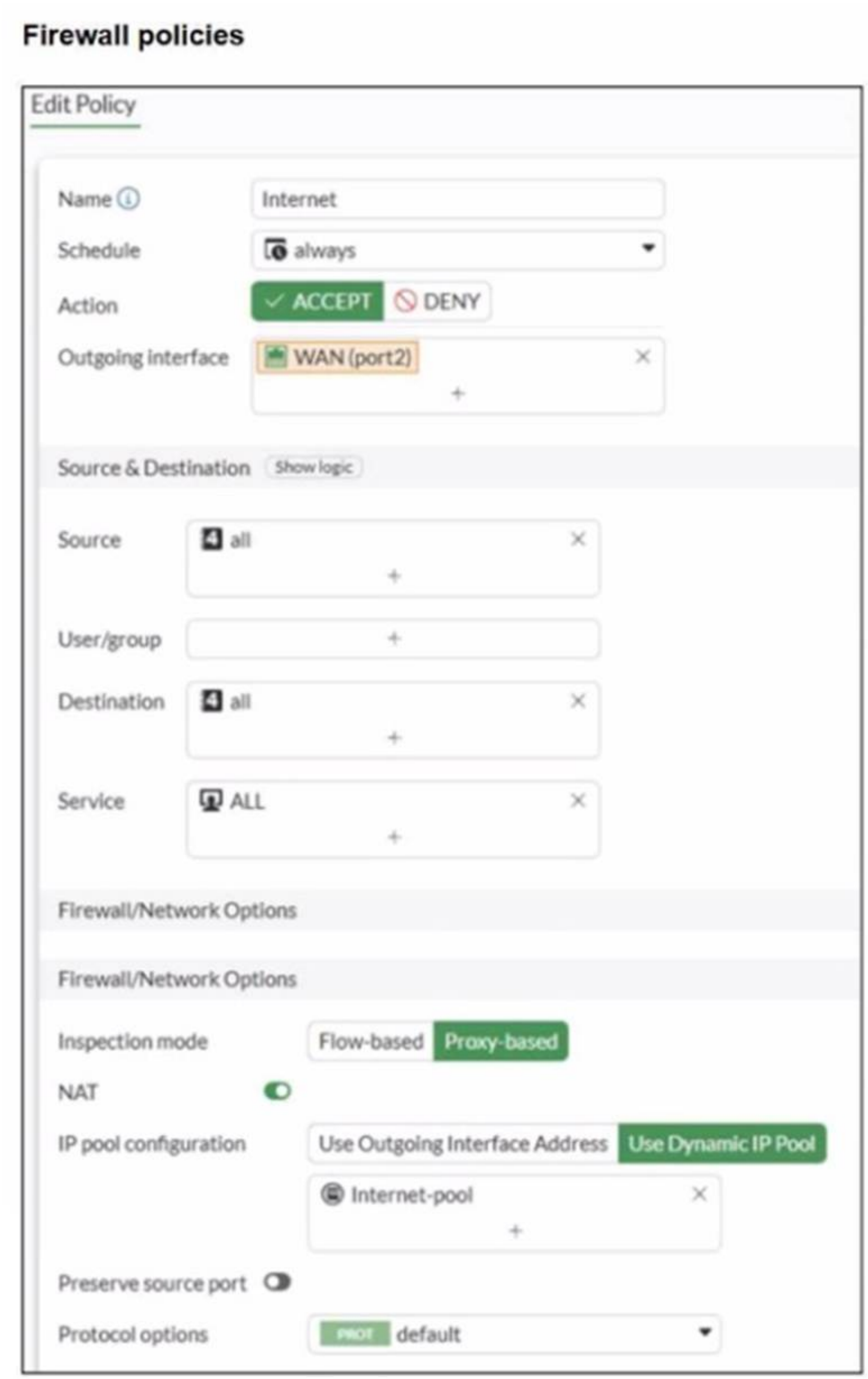
Answer: A

NEW QUESTION 37
Refer to the exhibits.

Network diagram



Dynamic IP pool



A diagram of a FortiGate device connected to the network, as well as the firewall policy and IP pool configuration on the FortiGate device are shown.
Two PCs. PC1 and PC2, are connected behind FortiGate and can access the internet successfully. However, when the administrator adds a third PC to the network (PC3), the PC cannot connect to the internet.
Based on the information shown in the exhibit, which two configuration options can the administrator use to fix the connectivity issue for PC3? (Choose two.)

A. In the system settings, set Multiple Interface Policies to enable.
B. in the IP pool configuration, set end ipto 100.65.0.112.

C. In the firewall policy, set match-vip to enable using CLI.
D. In the IP pool configuration, set type to overload.

Answer: BD

NEW QUESTION 42
Refer to the exhibit
A firewall policy to enable active authentication is shown.

When attempting to access an external website using an active authentication method, the user is not presented with a login prompt. What is the most likely reason for this situation?

A. No matching user account exists for this user.
B. The Remote-users group must be set up correctly in the FSSO configuration.
C. The Remote-users group is not added to the Destination
D. The Service DNS is required in the firewall policy.

Answer: D

NEW QUESTION 44
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