Fortinet

Exam Questions FCSS_EFW_AD-7.6

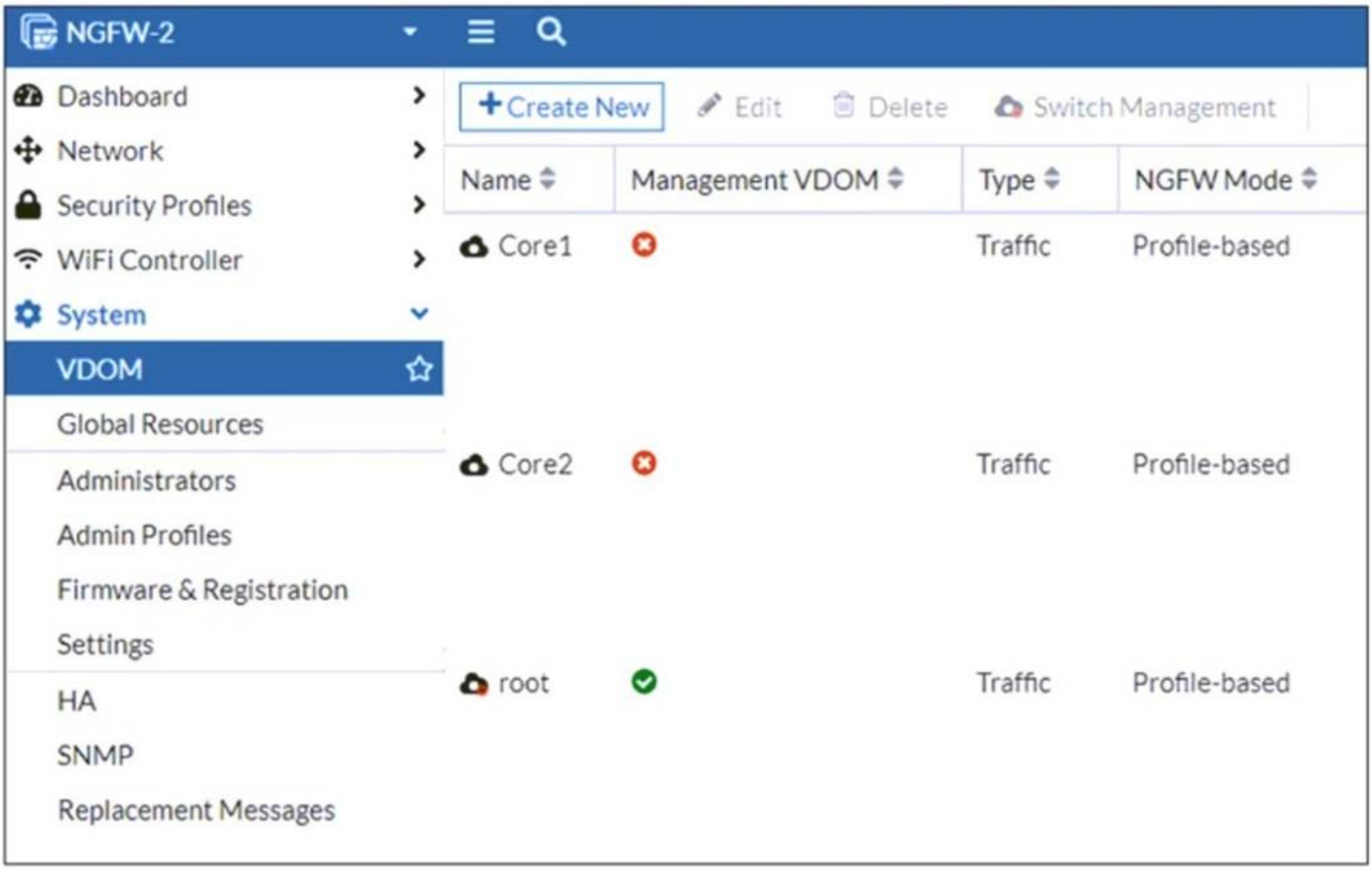
FCSS - Enterprise Firewall 7.6 Administrator

NEW QUESTION 1
A company's users on an IPsec VPN between FortiGate A and B have experienced intermittent issues since implementing VXLAN. The administrator suspects that packets exceeding the 1500-byte default MTU are causing the problems.
In which situation would adjusting the interface??s maximum MTU value help resolve issues caused by protocols that add extra headers to IP packets?

A. Adjust the MTU on interfaces only if FortiGate has the FortiGuard enterprise bundle, which allows MTU modification.
B. Adjust the MTU on interfaces in all FortiGate devices that support the latest family of Fortinet SPUs: NP7, CP9 and SP5.
C. Adjust the MTU on interfaces in controlled environments where all devices along the path allow MTU interface changes.
D. Adjust the MTU on interfaces only in wired connections like PPPoE, optic fiber, and ethernet cable.

Answer: C

NEW QUESTION 2
Refer to the exhibit, which shows the VDOM section of a FortiGate device.

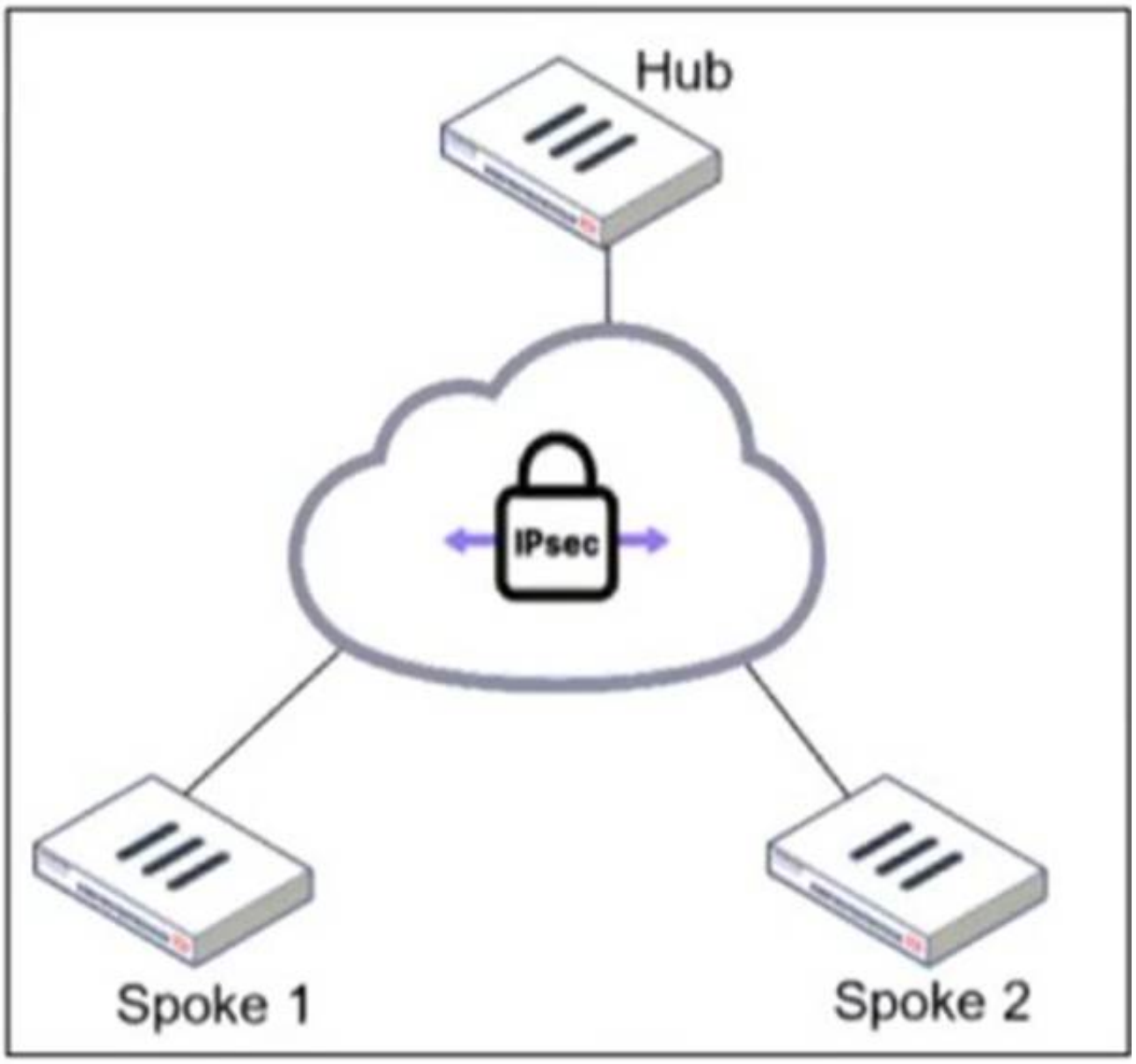


An administrator discovers that webfilter stopped working in Core1 and Core2 after a maintenance window.
Which two reasons could explain why webfilter stopped working? (Choose two.)

A. The root VDOM does not have access to FortiManager in a closed network.
B. The root VDOM does not have a VDOM link to connect with the Corel and Core2 VDOMs.
C. The Core1 and Core2 VDOMs must also be enabled as Management VDOMs to receive FortiGuard updates
D. The root VDOM does not have access to any valid public FDN.

Answer: BD

NEW QUESTION 3
Refer to the exhibit.



An administrator is deploying a hub and spokes network and using OSPF as dynamic protocol.
Which configuration is mandatory for neighbor adjacency?

A. Set bfd enable in the router configuration
B. Set network-type point-to-multipoint in the hub interface
C. Set rfc1583-compatible enable in the router configuration
D. Set virtual-link enable in the hub interface

Answer: B

NEW QUESTION 4
Refer to the exhibit, which shows an ADVPN network

An administrator must configure an ADVPN using IBGP and EBGP to connect overlay network 1 with 2.
What two options must the administrator configure in BGP? (Choose two.)

A. set ebgp-enforce-multrhop enable
B. set next-hop-self enable

C. set ibgp-enforce-multihop advpn
D. set attribute-unchanged next-hop

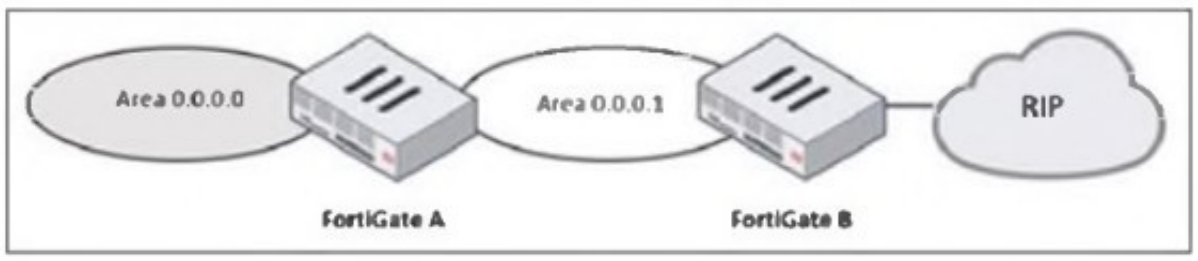
Answer: AB

NEW QUESTION 5
An administrator must enable direct communication between multiple spokes in a company's network. Each spoke has more than one internet connection.
The requirement is for the spokes to connect directly without passing through the hub, and for the links to automatically switch to the best available connection.
How can this automatic detection and optimal link utilization between spokes be achieved?

A. Set up OSPF routing over static VPN tunnels between spokes.
B. Utilize ADVPN 2.0 to facilitate dynamic direct tunnels and automatic link optimization.
C. Establish static VPN tunnels between spokes with predefined backup routes.
D. Implement SD-WAN policies at the hub to manage spoke link quality.

Answer: B

NEW QUESTION 6
Refer to the exhibit, which shows a partial enterprise network.

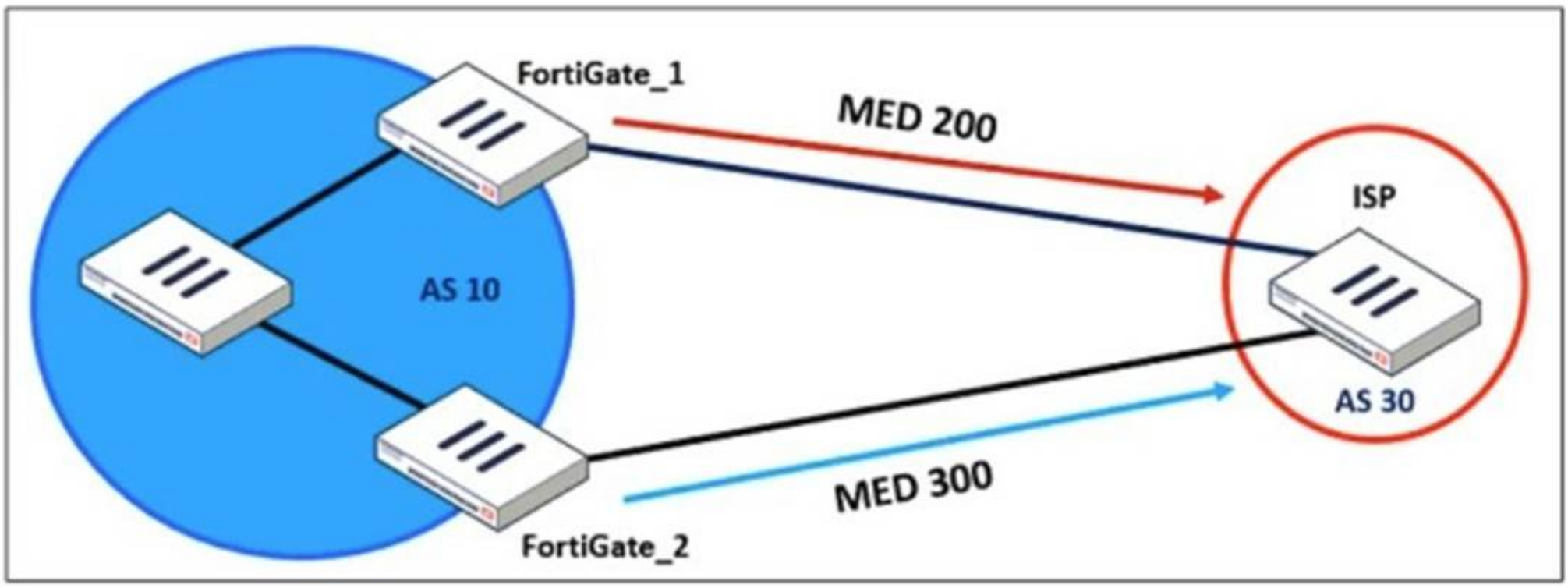


An administrator would like the area 0.0.0.0 to detect the external network. What must the administrator configure?

A. Enable RIP redistribution on FortiGate B.
B. Configure a distribute-route-map-in on FortiGate B.
C. Configure a virtual link between FortiGate A and B.
D. Set the area 0.0.0.l type to stub on FortiGate A and B.

Answer: A

NEW QUESTION 7
Refer to the exhibit, which shows a network diagram.



An administrator would like to modify the MED value advertised from FortiGate_1 to a BGP neighbor in the autonomous system 30.
What must the administrator configure on FortiGate_1 to implement this?

A. route-map-out
B. network-import-check
C. prefix-list-out
D. distribute-list-out

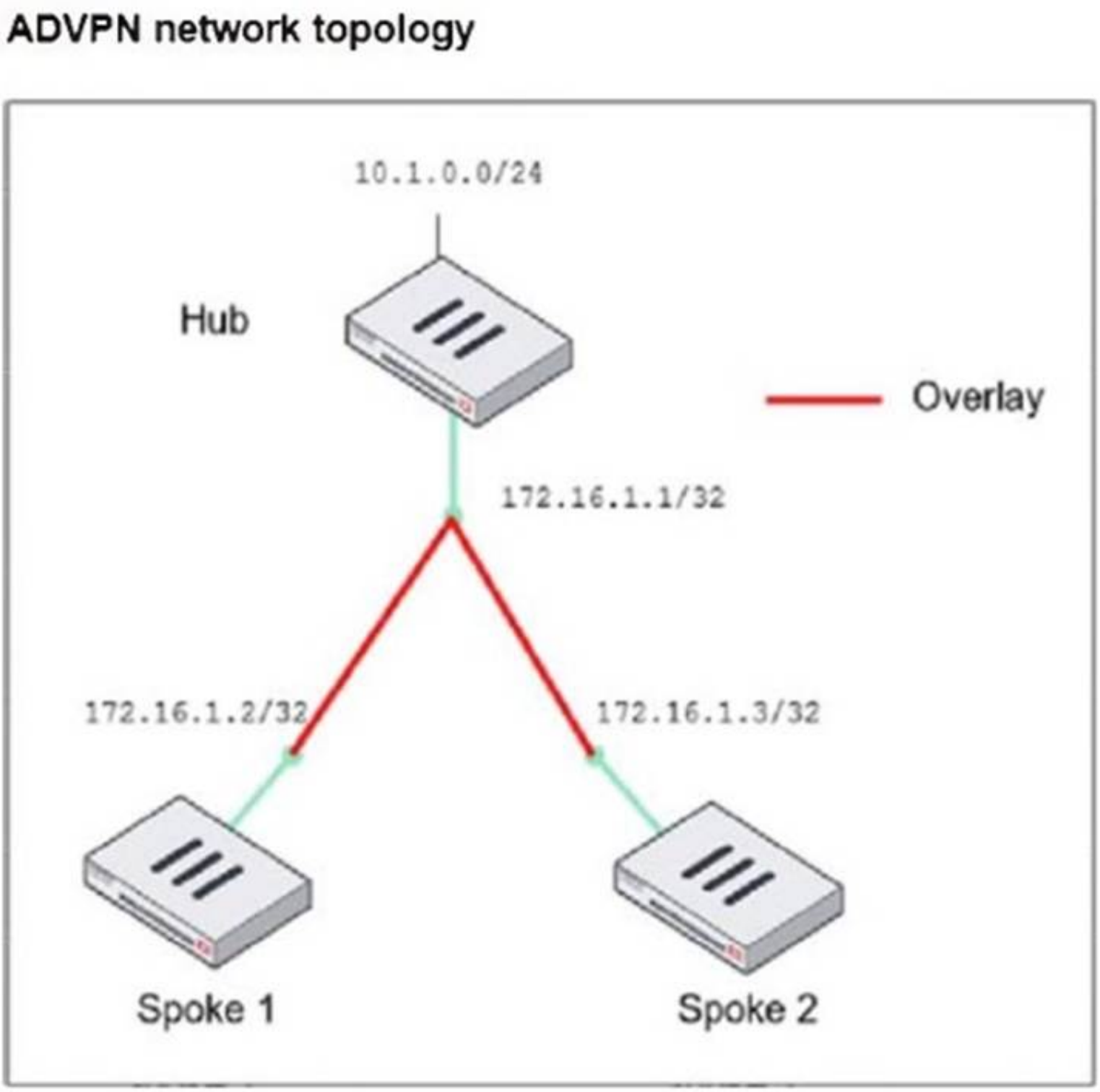
Answer: A

NEW QUESTION 8
A vulnerability scan report has revealed that a user has generated traffic to the website example.com (10.10.10.10) using a weak SSL/TLS version supported by the HTTPS web server.
What can the firewall administrator do to block all outdated SSL/TLS versions on any HTTPS web server to prevent possible attacks on user traffic?

A. Configure the unsupported SSL version and set the minimum allowed SSL version in the HTTPS settings of the SSL/SSH inspection profile.
B. Enable auto-detection of outdated SSL/TLS versions in the SSL/SSH inspection profile to block vulnerable websites.
C. Install the required certificate in the client's browser or use Active Directory policies to block specific websites as defined in the SSL/SSH inspection profile.
D. Use the latest certificate, Fortinet_SSL_ECDSA256, and replace the CA certificate in the SSL/SSH inspection profile.

Answer: A

NEW QUESTION 9
Refer to the exhibit, which shows the ADVPN network topology and partial BGP configuration.



Partial BGP configuration

```
Hub # config router bgp
set as 65100
set router-id 172.16.1.1
config neighbor-group
    edit "advpn"
    set remote-as 65100
    ...
    end
config neighbor-range
    edit 1
    end
config network
    ..
end
```

Which two parameters must an administrator configure in the config neighbor range for spokes shown in the exhibit? (Choose two.)

A. set max-neighbor-num 2
B. set neighbor-group advpn
C. set route-reflector-client enable
D. set prefix 172.16.1.0 255.255.255.0

Answer: BD

NEW QUESTION 10
An administrator is setting up an ADVPN configuration and wants to ensure that peer IDs are not exposed during VPN establishment.
Which protocol can the administrator use to enhance security?

A. Use IKEv2, which encrypts peer IDs and prevents exposure.
B. Opt for SSL VPN web mode because it does not use peer IDs at all.
C. Choose IKEv1 aggressive mode because it simplifies peer identification.
D. Stick with IKEv1 main mode because it offers better performance.

Answer: A

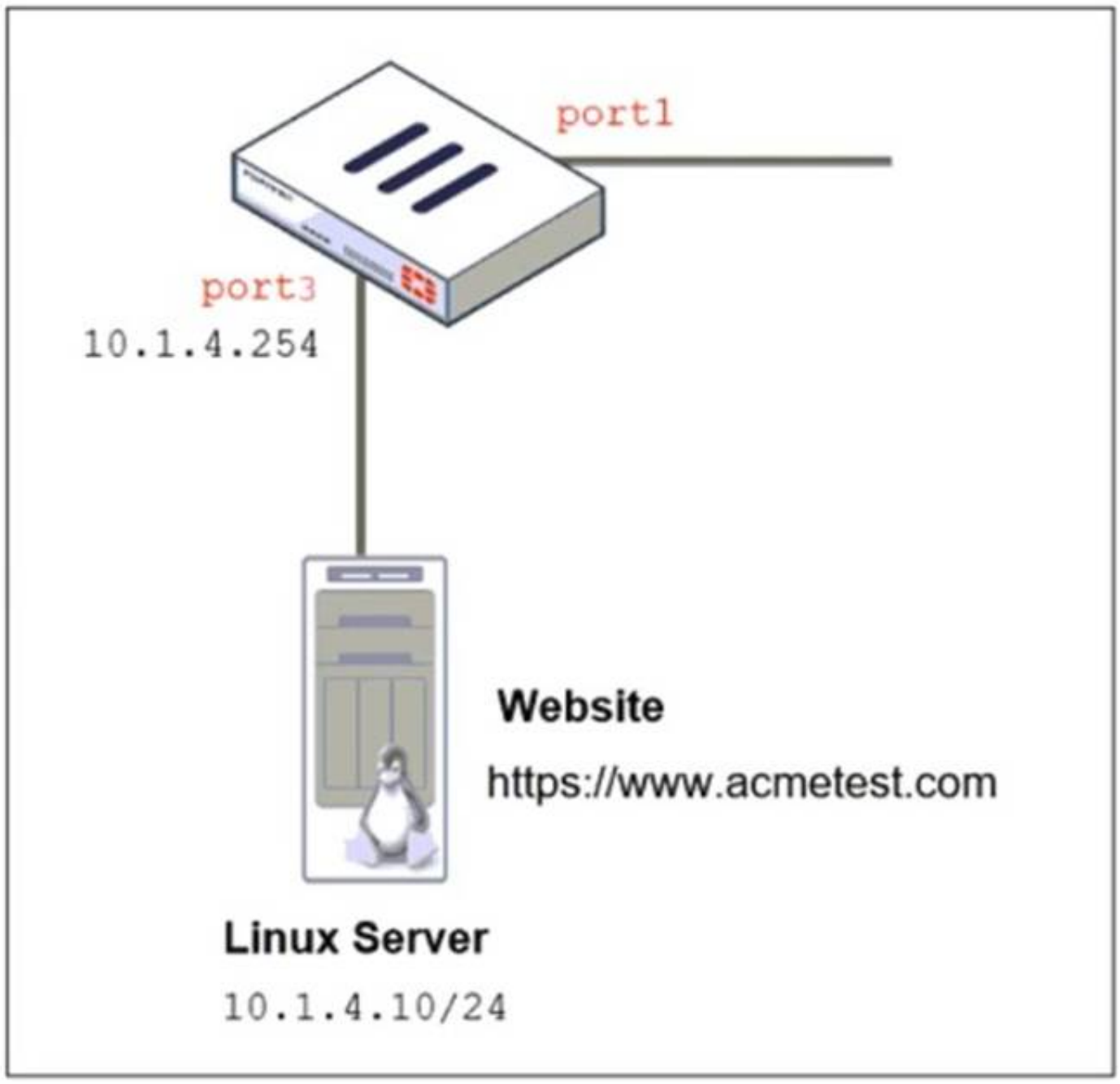
NEW QUESTION 10
An administrator wants to scale the IBGP sessions and optimize the routing table in an IBGP network.
Which parameter should the administrator configure?

A. network-import-check
B. ibgp-enforce-multihop
C. neighbor-group
D. route-reflector-client

Answer: D

NEW QUESTION 12
Refer to the exhibits. The exhibits show a network topology, a firewall policy, and an SSL/SSH inspection profile configuration.

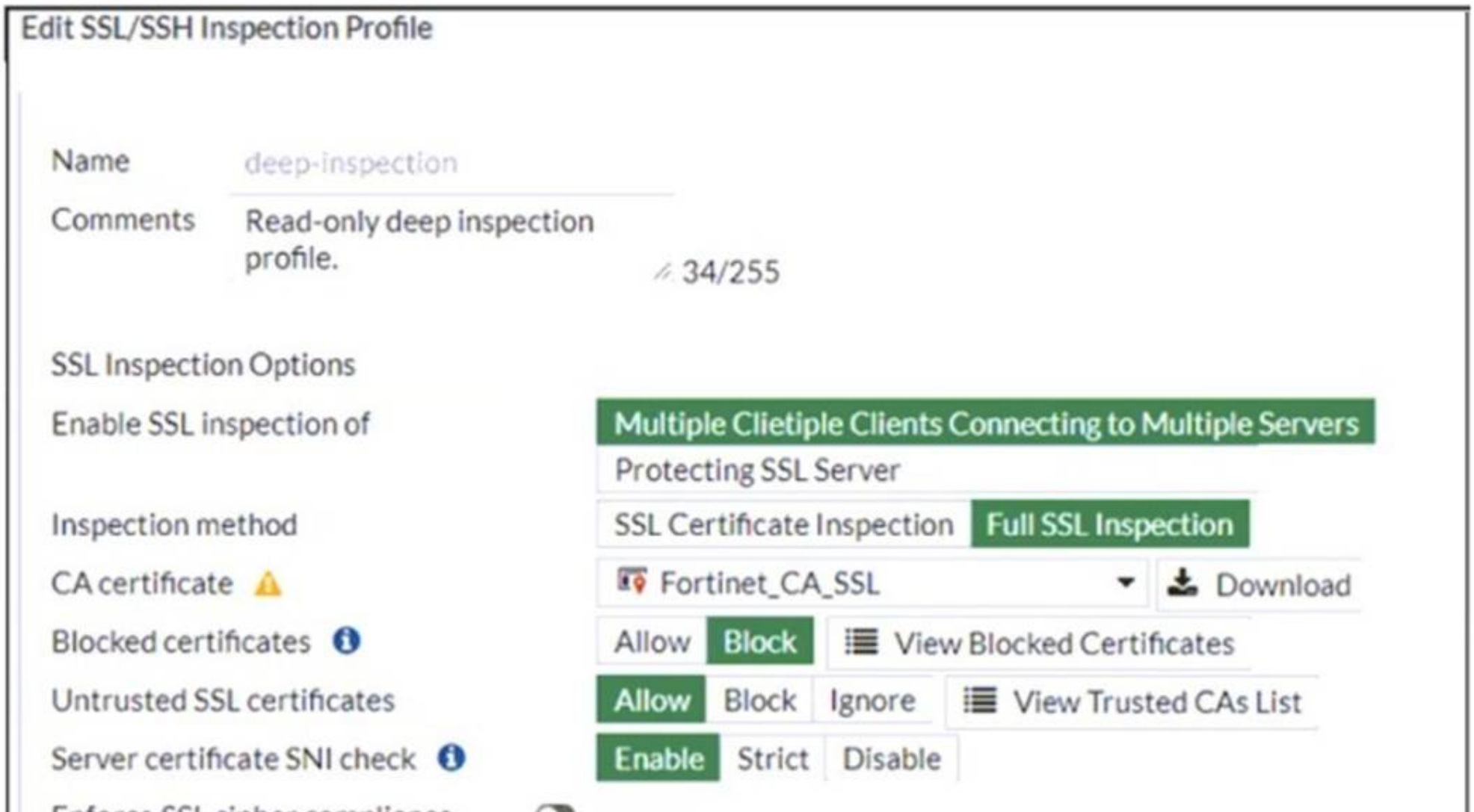
Network Topology



Firewall policy on FortiGate

```
DCFW # sh firewall policy 3
config firewall policy
edit 3
set name "To Linux Servers"
set uuid bf77d59e-5513-51ef-147d-e35066c267e9
set srcintf "port1"
set dstintf "port3"
set action accept
set srcaddr "all"
set dstaddr "10.1.4."
set schedule "always"
set service "ALL"
set utm-status enable
set inspection-mode proxy
set ssl-ssh-profile "deep-inspection"
set ips-sensor "IPS Monitor"
set logtraffic all
next
end
```

SSL/SSH inspection profile

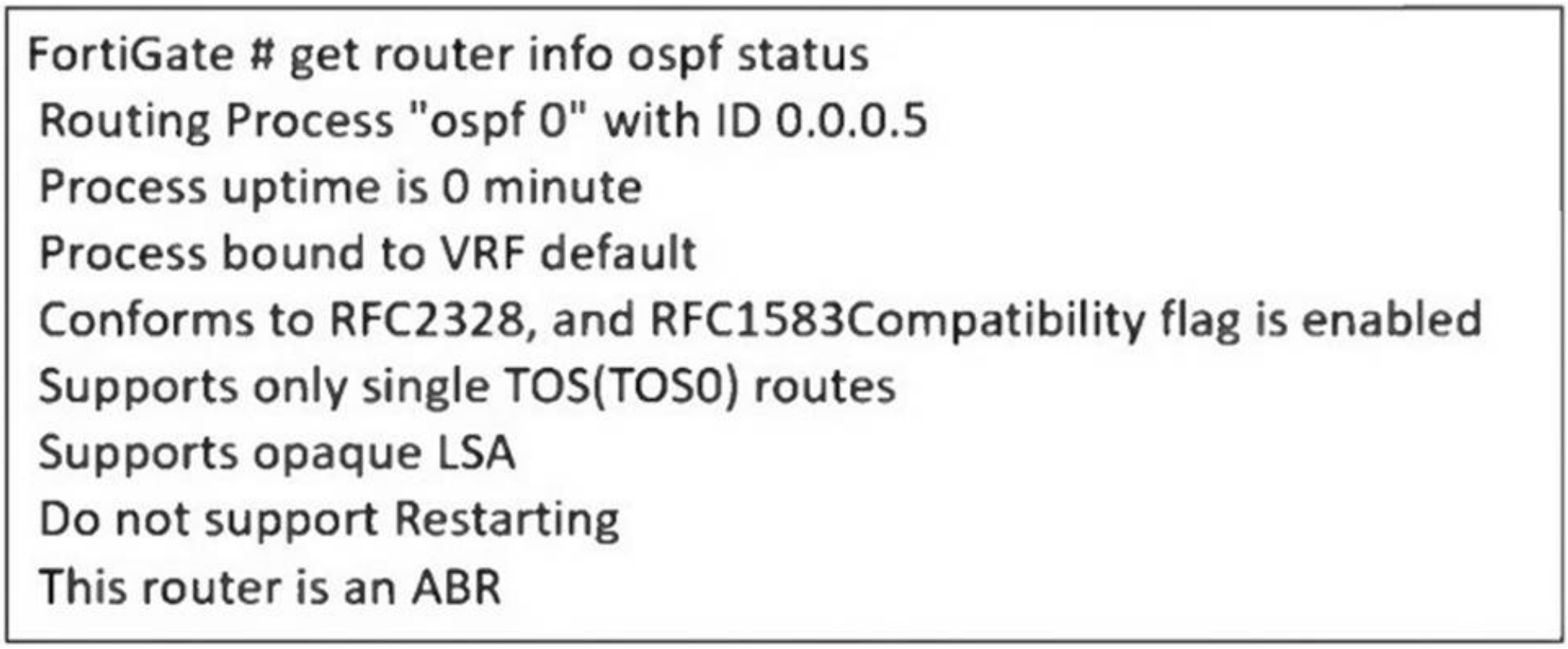


Why is FortiGate unable to detect HTTPS attacks on firewall policy ID 3 targeting the Linux server?

A. The administrator must set the policy to inspection mode to analyze the HTTPS packets as expected.
B. The administrator must enable HTTPS in the protocol port mapping of the deep- inspection SSL/SSH inspection profile.
C. The administrator must enable SSL inspection of the SSL server and upload the certificate of the Linux server website to the SSL/SSH inspection profile.
D. The administrator must enable cipher suites in the SSL/SSH inspection profile to decrypt the message.

Answer: C

NEW QUESTION 13
Refer to the exhibit, which contains the partial output of an OSPF command.



An administrator is checking the OSPF status of a FortiGate device and receives the output shown in the exhibit.
What two conclusions can the administrator draw? (Choose two.)

A. The FortiGate device is a backup designated router
B. The FortiGate device is connected to multiple areas
C. The FortiGate device injects external routing information
D. The FortiGate device has OSPF ECMP enabled

Answer: BC

NEW QUESTION 14
A company's guest internet policy, operating in proxy mode, blocks access to Artificial Intelligence Technology sites using FortiGuard. However, a guest user accessed a page in this category using port 8443.
Which configuration changes are required for FortiGate to analyze HTTPS traffic on nonstandard ports like 8443 when full SSL inspection is active in the guest policy?

A. Add a URL wildcard domain to the website CA certificate and use it in the SSL/SSH Inspection Profile.
B. In the Protocol Port Mapping section of the SSL/SSH Inspection Profile, enter 443, 8443 to analyze both standard (443) and non-standard (8443) HTTPS ports.
C. To analyze nonstandard ports in web filter profiles, use TLSv1.3 in the SSL/SSH Inspection Profile.
D. Administrators can block traffic on nonstandard ports by enabling the SNI check in the SSL/SSH Inspection Profile.

Answer: B

NEW QUESTION 18
Refer to the exhibit, which contains a partial VPN configuration.

```
config vpn ipsec phase1-interface
edit tunnel
set type dynamic
set interface "port1"
set ike-version 2
set keylife 28800
set peertype any
set net-device disable
set proposal aes128-sha256 aes256-sha256
set dpd on-idle
set add-route enable
set psksecret fortinet
next
end
```

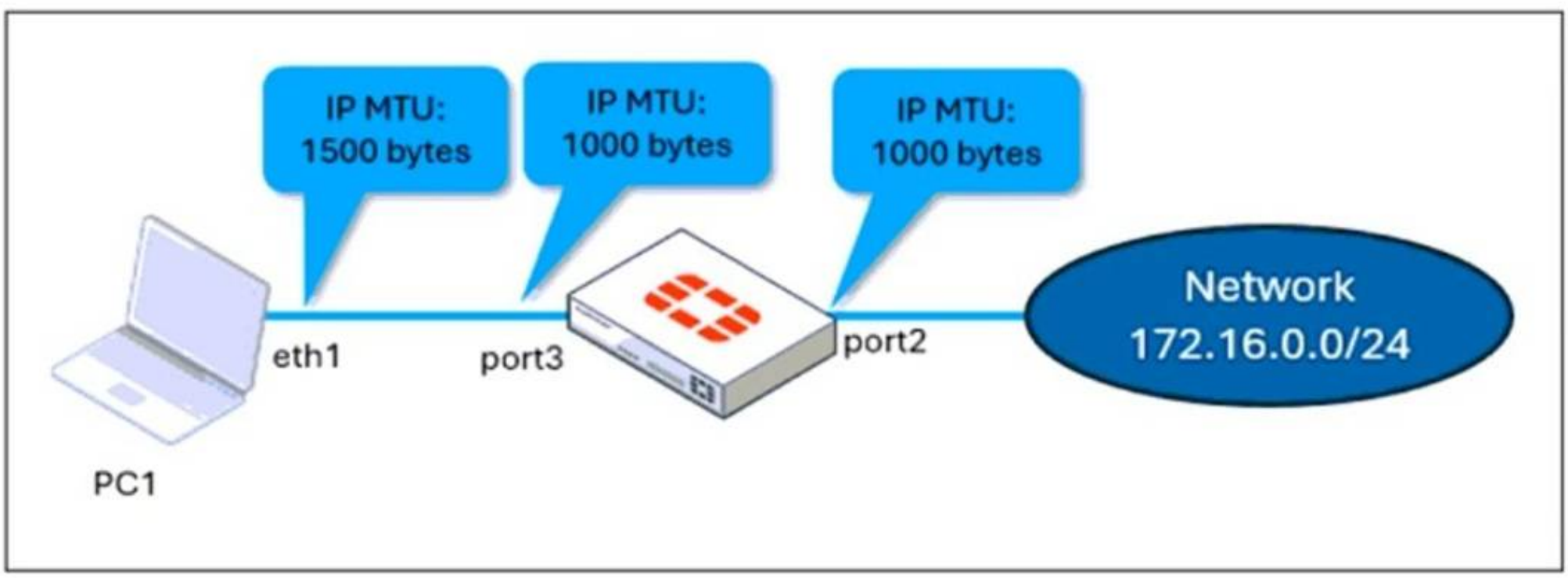
What can you conclude from this VPN IPsec phase 1 configuration?

A. This configuration is the best for networks with regular traffic intervals, providing a balance between connectivity assurance and resource utilization.
B. Peer IDs are unencrypted and exposed, creating a security risk.
C. FortiGate will not add a route to its routing or forwarding information base when the dynamic tunnel is negotiated.
D. A separate interface is created for each dial-up tunnel, which can be slower and more resource intensive, especially in large networks.

Answer: A

NEW QUESTION 21
Refer to the exhibits.

Network topology



port 3 configuration on FortiGate

```
config system interface
 edit "port3"
  set vdom "root"
  set ip 10.0.0.1 255.255.255.0
  set allowaccess ping https ssh snmp http fgfm ftm
  set type physical
  set alias "LAN"
  set snmp-index 3
  set mtu-override enable
  set mtu 1000
 next
end
```

ping output

```
C:\Users\fortinet>ping 172.16.0.254 -f -l 1400

Pinging 172.16.0.254 with 1400 bytes of data:
Reply from 10.0.0.1: Packet needs to be fragmented but DF set.
Packet needs to be fragmented but DF set.
Packet needs to be fragmented but DF set.
Packet needs to be fragmented but DF set.

Ping statistics for 172.16.0.254:
Packets: Sent = 4, Received = 1, Lost = 3 (75% loss),
```

The configuration of a user's Windows PC, which has a default MTU of 1500 bytes, along with FortiGate interfaces set to an MTU of 1000 bytes, and the results of PC1 pinging server 172.16.0.254 are shown.
Why is the user in Windows PC1 unable to ping server 172.16.0.254 and is seeing the message: Packet needs to be fragmented but DF set?

A. Option ip.flags.mf must be set to enable on FortiGat
B. The user has to adjust the ping MTU to 1000 to succeed.
C. Fragmented packets must be encrypte
D. To connect any application successfully, the user must install the Fortinet_CA certificate in the Microsoft Management Console.
E. FortiGate honors the do not fragment bit and the packets are droppe
F. The user has to adjust the ping MTU to 972 to succeed.
G. The user must trigger different traffic because path MTU discovery techniques do not recognize ICMP payloads.

Answer: C

NEW QUESTION 26
Refer to the exhibit, which shows the HA status of an active-passive cluster.

Status	Priority	Hostname	Virtual Domains	Role	System Uptime
Virtual cluster 1 2					
Synchronized	150	FortiGate_A	Core1 root	Primary	4h 52m
Synchronized	100	FortiGate_B	Core1 root	Secondary	4h 52m
Virtual cluster 2 2					
Synchronized	150	FortiGate_A	Core2	Primary	
Synchronized	128	FortiGate_B	Core2	Secondary	

An administrator wants FortiGate_B to handle the Core2 VDOM traffic.
Which modification must the administrator apply to achieve this?

A. The administrator must disable override on FortiGate_A.
B. The administrator must change the priority from 100 to 160 for FortiGate_B.
C. The administrator must change the load balancing method on FortiGate_B.
D. The administrator must change the priority from 128 to 200 for FortiGate_B.

Answer: D

NEW QUESTION 30
An administrator is extensively using VXLAN on FortiGate.
Which specialized acceleration hardware does FortiGate need to improve its performance?

A. NP7
B. SP5
C. 9
D. NTurbo

Answer: A

NEW QUESTION 35
What is the initial step performed by FortiGate when handling the first packets of a session?

A. Installation of the session key in the network processor (NP)
B. Data encryption and decryption
C. Security inspections such as ACL, HPE, and IP integrity header checking
D. Offloading the packets directly to the content processor (CP)

Answer: C

NEW QUESTION 40
During the maintenance window, an administrator must sniff all the traffic going through a specific firewall policy, which is handled by NP6 interfaces. The output of the sniffer trace provides just a few packets.
Why is the output of sniffer trace limited?

A. The traffic corresponding to the firewall policy is encrypted.
B. auto-asic-off load is set to enable in the firewall policy,
C. inspection-mode is set to proxy in the firewall policy.
D. The option npudbg is not added in the diagnose sniff packet command.

Answer: B

NEW QUESTION 45
Which two statements about IKEv2 are true if an administrator decides to implement IKEv2 in the VPN topology? (Choose two.)

A. It includes stronger Diffie-Hellman (DH) groups, such as Elliptic Curve (ECP) groups.
B. It supports interoperability with devices using IKEv1.
C. It exchanges a minimum of two messages to establish a secure tunnel.
D. It supports the extensible authentication protocol (EAP).

Answer: AD

NEW QUESTION 50
An administrator configured the FortiGate devices in an enterprise network to join the Fortinet Security Fabric. The administrator has a list of IP addresses that must be blocked by the data center firewall. This list is updated daily.
How can the administrator automate a firewall policy with the daily updated list?

A. With FortiNAC
B. With FortiAnalyzer
C. With a Security Fabric automation
D. With an external connector from Threat Feeds

Answer: D

NEW QUESTION 51
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