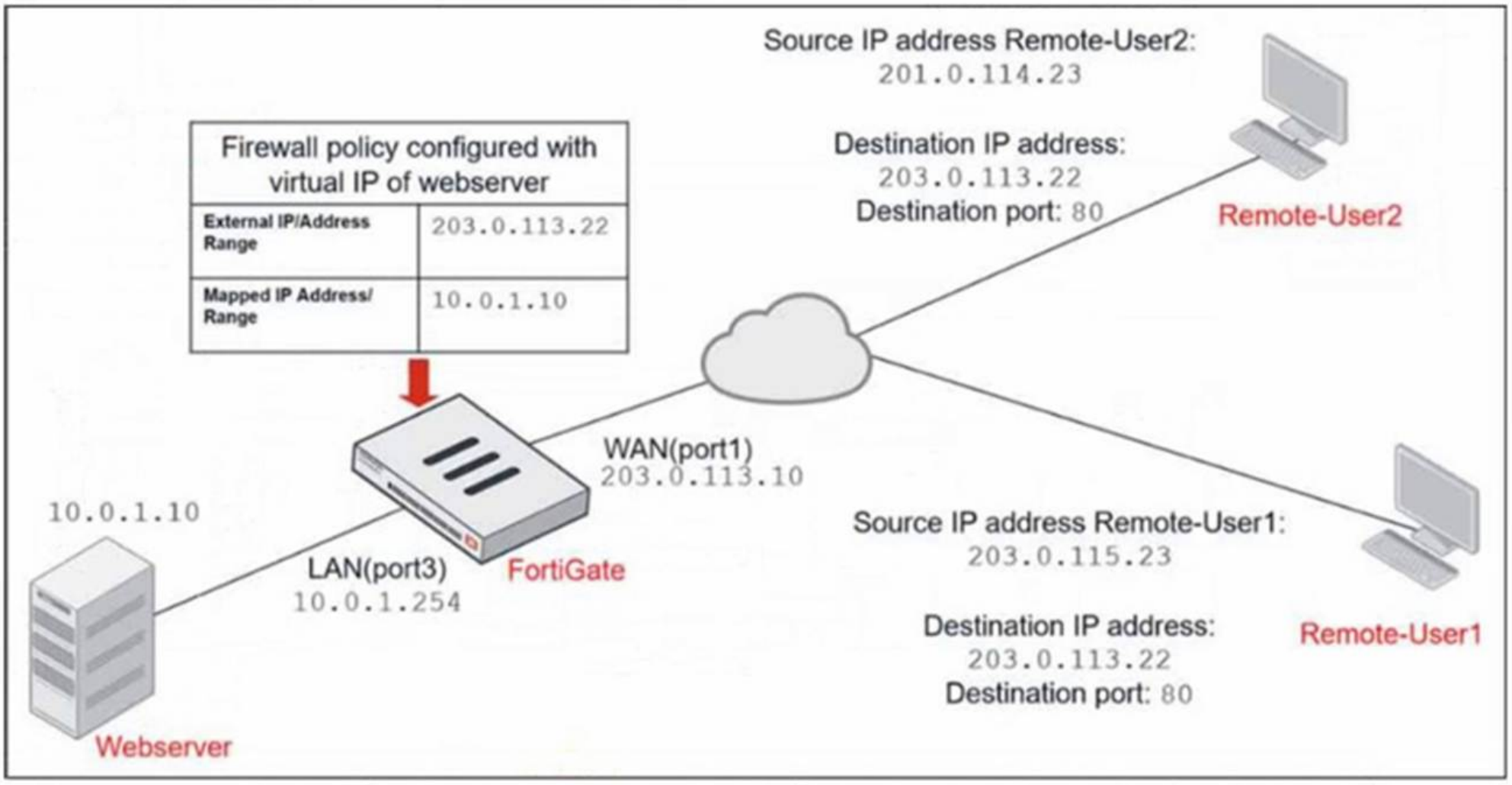
Fortinet

Exam Questions FCP_FGT_AD-7.6

FCP - FortiGate 7.6 Administrator

NEW QUESTION 1
Refer to the exhibits.

Network diagram



Firewall address object

Firewall policies

ID	Name	Source	Destination	Schedule	Service	Action
WAN (port1) → LAN (port3) 2						
4	Deny	Deny_IP	all	always	ALL	DENY
3	Allow_access	all	Webserver	always	ALL	ACCEPT

The exhibits show a diagram of a FortiGate device connected to the network, and the firewall configuration.
The policy should work such thatRemote-User1must be able to access the Webserver while preventing Remote-User2from accessing theWebserver.
Which additional configuration can the administrator add to a deny firewall policy, beyond the default behavior, to blockRemote-User2from accessing theWebserver?

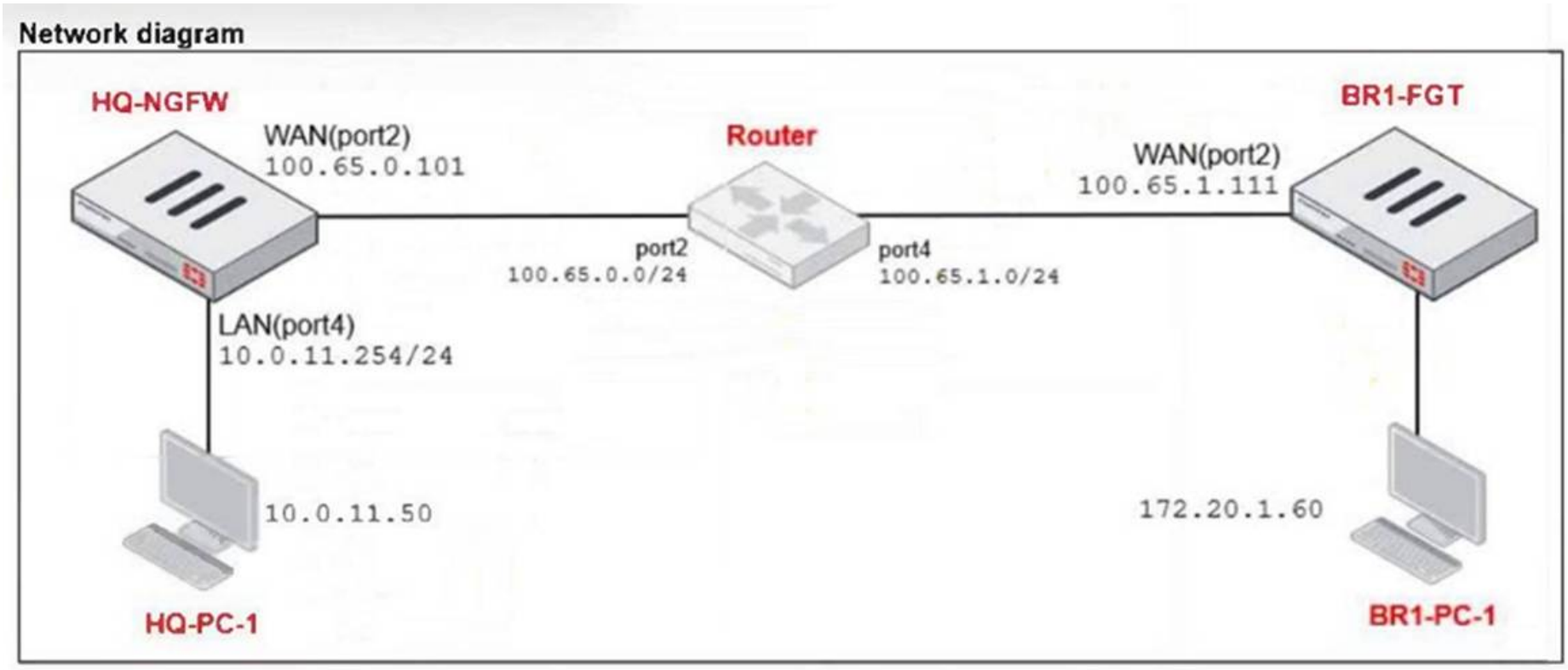
A. Disable match-vip in the Allow_access policy
B. Configure a One-to-One IP Pool object in a new policy.
C. Set the Destination address as Webserver in the Deny policy.
D. Set the Destination address as Deny_IP in the Allow_access policy.

Answer: C

Explanation:

To block Remote-User2's access to the Webserver, the deny policy must explicitly specify the Webserver as the destination address; otherwise, it denies traffic to all destinations, which is not the desired behavior.

NEW QUESTION 2
Refer to the exhibits.



NAT IP pool configuration

Name	External IP Range	Type	ARP Reply
SNAT-Pool	100.65.0.49 - 100.65.0.49	Overload	Enabled
SNAT-Remote	100.65.0.149 - 100.65.0.149	Overload	Enabled
SNAT-Remote1	100.65.0.99 - 100.65.0.99	Overload	Enabled

Firewall policies

Policy	Source	Destination	Schedule	Service	Action	IP Pool	NAT
LAN (port4) → WAN (port2) 3							
TCP traffic (2)	all	BR1-FGT	always	ALL_TCP	ACCEPT	SNAT-Pool	NAT
PING traffic (3)	all	all	always	PING	ACCEPT	SNAT-Remote1	NAT
IGMP traffic (4)	all	all	always	IGMP	ACCEPT	SNAT-Remote	NAT

The exhibits show a diagram of a FortiGate device connected to the network, as well as the IP pool configuration and firewall policy objects.
TheWAN (port2)interface has the IP address100.65.0.101/24.
TheLAN (port4)interface has the IP address10.0.11.254/24.
Which IP address will be used to source NAT (SNAT) the traffic, if the user on HQ-PC-1 (10.0.11.50) pings the IP address of BR-FGT (100.65.1.111)

A. 100.65.0.101
B. 100.65.0.49
C. 100.65.0.99
D. 100.65.0.149

Answer: C

Explanation:
The ping traffic policy uses the IP pool named SNAT-Remote1, which has the external IP range 100.65.0.99. Therefore, traffic matching this policy (ping from HQ-PC-1 to BR1-FGT) will use 100.65.0.99 for source NAT.

NEW QUESTION 3
Which statement correctly describes NetAPI polling mode for the FSSO collector agent?

A. The collector agent uses a Windows API to query DCs for user logins.
B. NetAPI polling can increase bandwidth usage in large networks.
C. The NetSessionEnum function is used to track user logouts.
D. The collector agent must search Windows application event logs.

Answer: B

Explanation:

NetAPI polling mode involves frequent queries to domain controllers, which can cause increased bandwidth usage, especially in large networks with many login events.

NEW QUESTION 4
Which two statements describe characteristics of automation stitches? (Choose two.)

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

Explanation:
Automation stitches can execute multiple actions concurrently (in parallel).
Triggers for automation stitches can come from external connectors beyond just Fortinet devices.

NEW QUESTION 5
A remote user reports slow SSL VPN performance and frequent disconnections. The user is located in an area with poor internet connectivity.
What setting should the administrator adjust to improve the user's experience?

A. Enable split tunneling to reduce VPN traffic.
B. Change the SSL VPN port to a non-standard port.
C. Increase the session timeout for inactive sessions.
D. Configure the DTLS timeout to accommodate high-latency connections.

Answer: D

Explanation:
Adjusting the DTLS timeout helps maintain SSL VPN stability and performance in environments with poor or high-latency internet connectivity by allowing more time for packet retransmissions before dropping the connection.

NEW QUESTION 6
Refer to the exhibit.

The NOC team connects to the FortiGate GUI with theNOC_Accessadmin 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. Move NOC_Access to the top of the list to ensure all profile settings take effect.
B. Increase the offline value of the Override Idle Timeout parameter in the NOC_Access admin profile.
C. Ensure that all NOC_Access users are assigned the super_admin role to guarantee access
D. Increase the admintimeout value under config system accprofile NOC_Access.

Answer: D

Explanation:
The admintimeout setting in the admin access profile controls the inactivity timeout for GUI sessions. Increasing this value will extend the session duration before automatic disconnection.

NEW QUESTION 7
Refer to the exhibit.

```
config system global
    set av-failopen one-shot
end
config ips global
    set fail-open enable
end
```

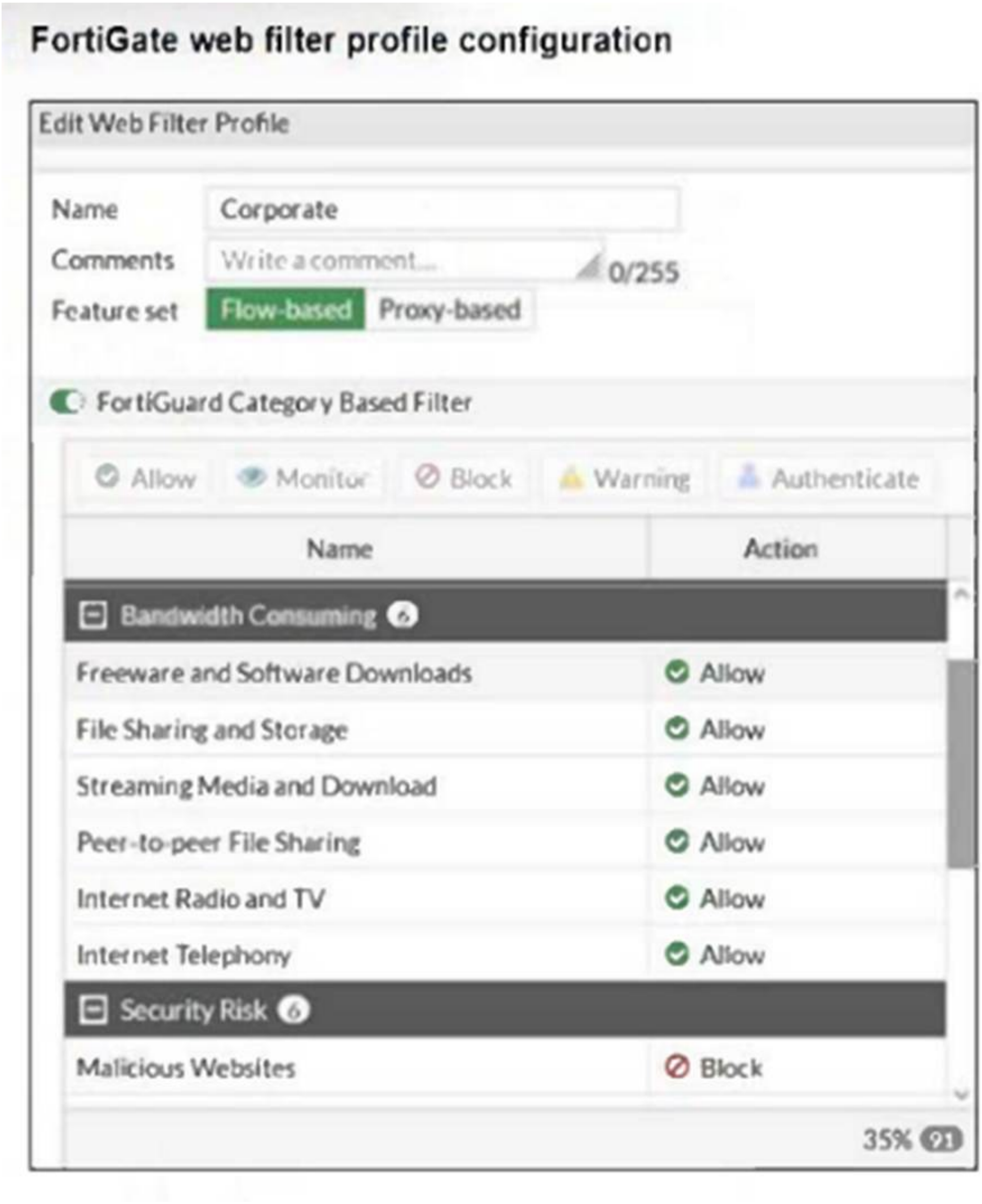
Based on this partial configuration, what are the two possible outcomes when FortiGate enters conserve mode? (Choose two.)

A. Administrators cannot change the configuration.
B. FortiGate skips quarantine actions.
C. Administrators must restart FortiGate to allow new session.
D. FortiGate drops new sessions requiring inspection.

Answer: BD

Explanation:
In fail-open mode, FortiGate skips quarantine actions to maintain traffic flow despite IPS or antivirus failures. FortiGate drops new sessions that require inspection when in conserve mode and fail-open is enabled, to
protect the network from potentially harmful traffic.

NEW QUESTION 8
Refer to the exhibit.



The exhibit shows theFortiGuard Category Based Filtersection of a corporate web filter profile.
An administrator must block access todownload.com, which belongs to theFreeware and Software Downloadscategory. The administrator must also allow other websites in the same category.
What are two solutions for satisfying the requirement? (Choose two.)

A. Configure a static URL filter entry for download.com with Type and Action set to Wildcard and Block, respectively.
B. Configure a web override rating for download.com and select Malicious Websites as the subcategory.
C. Configure a separate firewall policy with action Deny and an FQDN address object for*.download.com as destination address.
D. Set the Freeware and Software Downloads category Action to Warning.

Answer: AC

Explanation:
Creating a static URL filter to block download.com specifically allows blocking that site without affecting the entire category.
Using a separate firewall policy with a Deny action for an FQDN address object matching download.com can also block the site while allowing others in the same category.

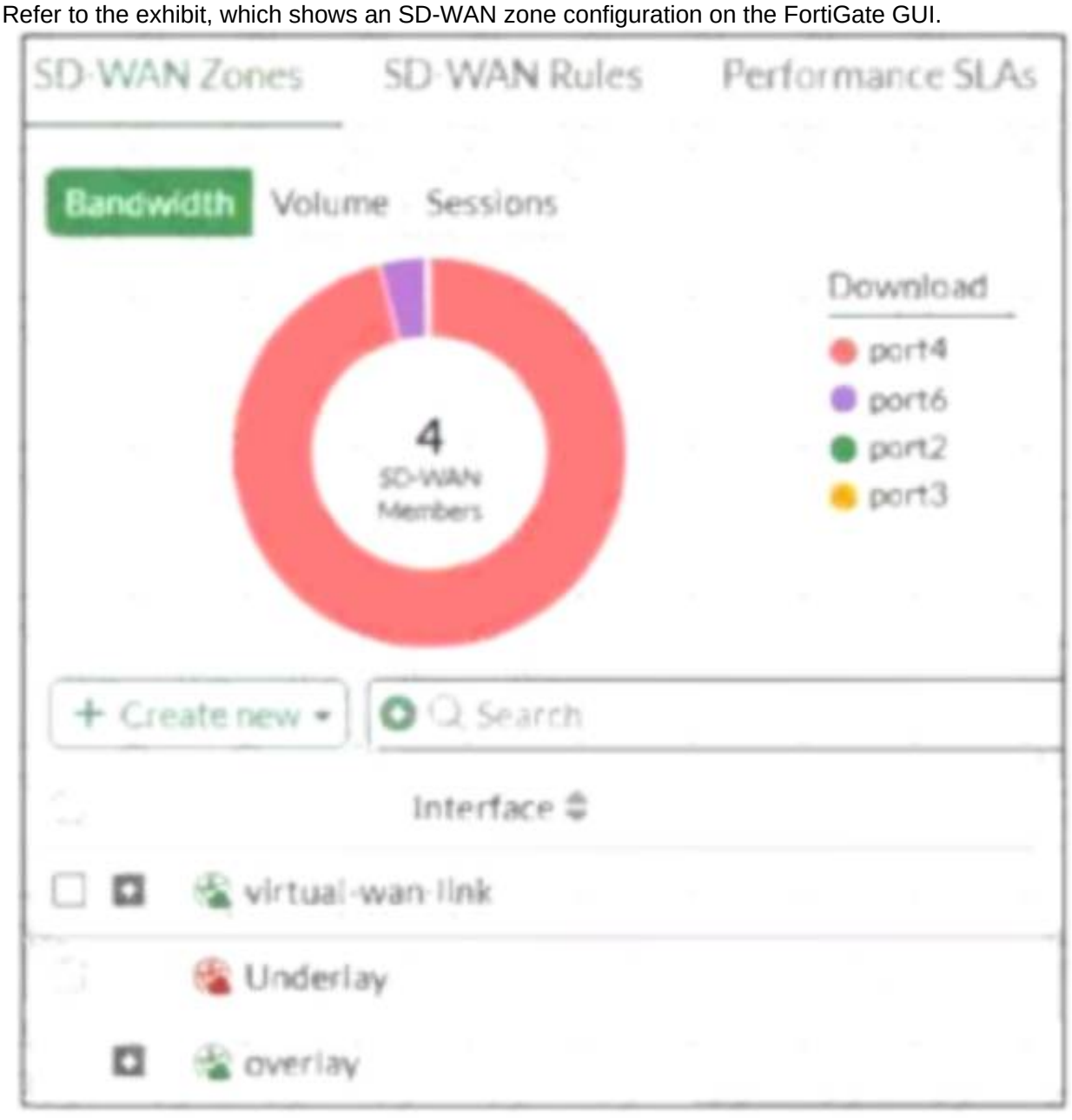
NEW QUESTION 9
A FortiGate firewall policy is configured with active authentication, however, the user cannot authenticate when accessing a website.
Which protocol must FortiGate allow even though the user cannot authenticate?

A. LDAP
B. TACASC+
C. Kerberos
D. DNS

Answer: D

Explanation:
DNS traffic must be allowed so the user can resolve domain names and reach the authentication server or web resources, even if authentication initially fails.

NEW QUESTION 10
Refer to the exhibit, which shows an SD-WAN zone configuration on the FortiGate GUI.



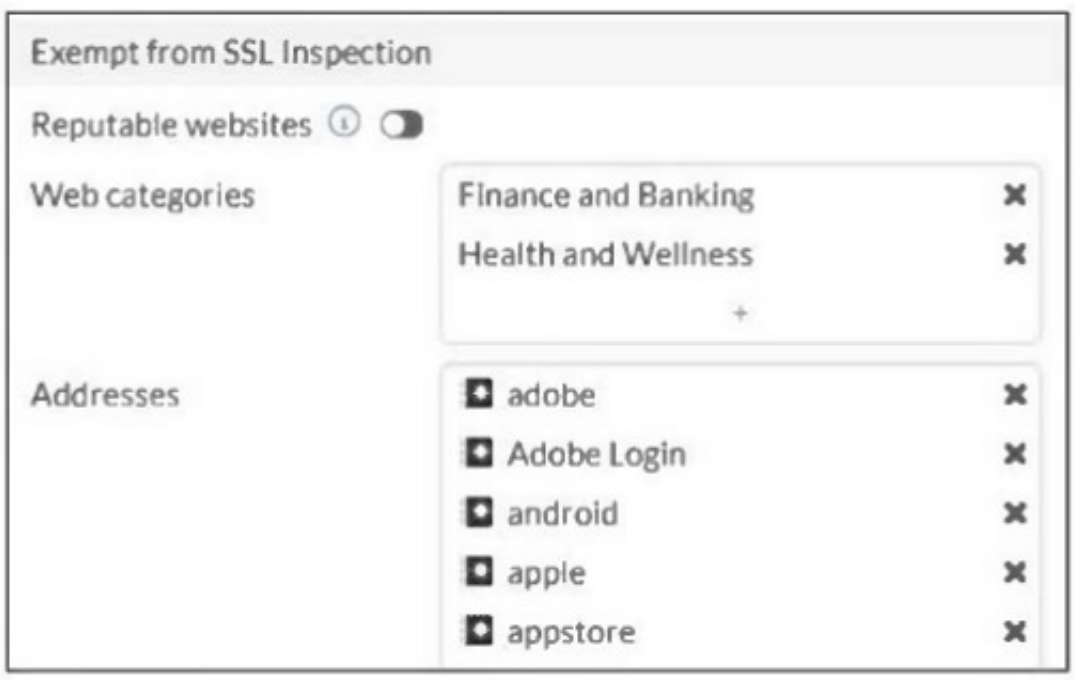
Based on the exhibit, which statement is true?

A. The Underlay zone is the zone by default.
B. The Underlay zone contains no member.
C. port2 and port3 are not assigned to a zone.
D. The virtual-wan-link and overlay zones can be deleted.

Answer: A

Explanation:
The Underlay zone is the default SD-WAN zone, typically representing the physical interfaces in the SD- WAN configuration before overlay or virtual links are added.

NEW QUESTION 10
Refer to the exhibit.



The predefined deep-inspection and custom-deep-inspection profiles exclude some web categories from SSL inspection, as shown in the exhibit.
For which two reasons are these web categories exempted? (Choose two.)

A. The FortiGate temporary certificate denies the browser??s access to websites that use HTTP Strict Transport Security.
B. These websites are in an allowlist of reputable domain names maintained by FortiGuard.
C. The resources utilization is optimized because these websites are in the trusted domain list on FortiGate.
D. The legal regulation aims to prioritize user privacy and protect sensitive information for these websites.

Answer: AD

Explanation:
FortiGate's temporary SSL certificate may cause access denial to sites using HTTP Strict Transport Security (HSTS), so such sites are exempted from deep SSL inspection.
Legal regulations require exemption of certain categories to protect user privacy and sensitive information, so these web categories are excluded from SSL inspection.

NEW QUESTION 11
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: D

Explanation:
With the Server certificate SNI check set to Strict, FortiGate enforces that the SNI must match either the Common Name (CN) or Subject Alternative Name (SAN) in the server certificate; otherwise, it closes the connection.

NEW QUESTION 12
An administrator notices that some users are unable to establish SSL VPN connections, while others can connect without any issues.
What should the administrator check first?

A. Ensure that the affected users are using the correct port number.
B. Ensure that user traffic is hitting the firewall policy.
C. Ensure that forced tunneling is enabled to reroute all traffic through the SSL VPN
D. Ensure that the HTTPS service is enabled on SSL VPN tunnel interface

Answer: B

Explanation:
If user traffic is not matching the appropriate firewall policy that permits SSL VPN, users will be unable to establish connections, making this the first aspect to verify.

NEW QUESTION 16
You have created a web filter profile named restrict_media-profile with a daily category usage quota.
When you are adding the profile to the firewall policy, the restrict_media-profile is not listed in the available web profile drop down.
What could be the reason?

A. The firewall policy is in no-inspection mode instead of deep-inspection.
B. The inspection mode in the firewall policy is not matching with web filter profile feature set.
C. The web filter profile is already referenced in another firewall policy.
D. The naming convention used in the web filter profile is restricting it in the firewall policy.

Answer: B

Explanation:
Web filter profiles with category usage quotas require the firewall policy to be in proxy-based (deep) inspection mode; if the inspection mode does not match this requirement, the profile will not appear in the drop-down list.

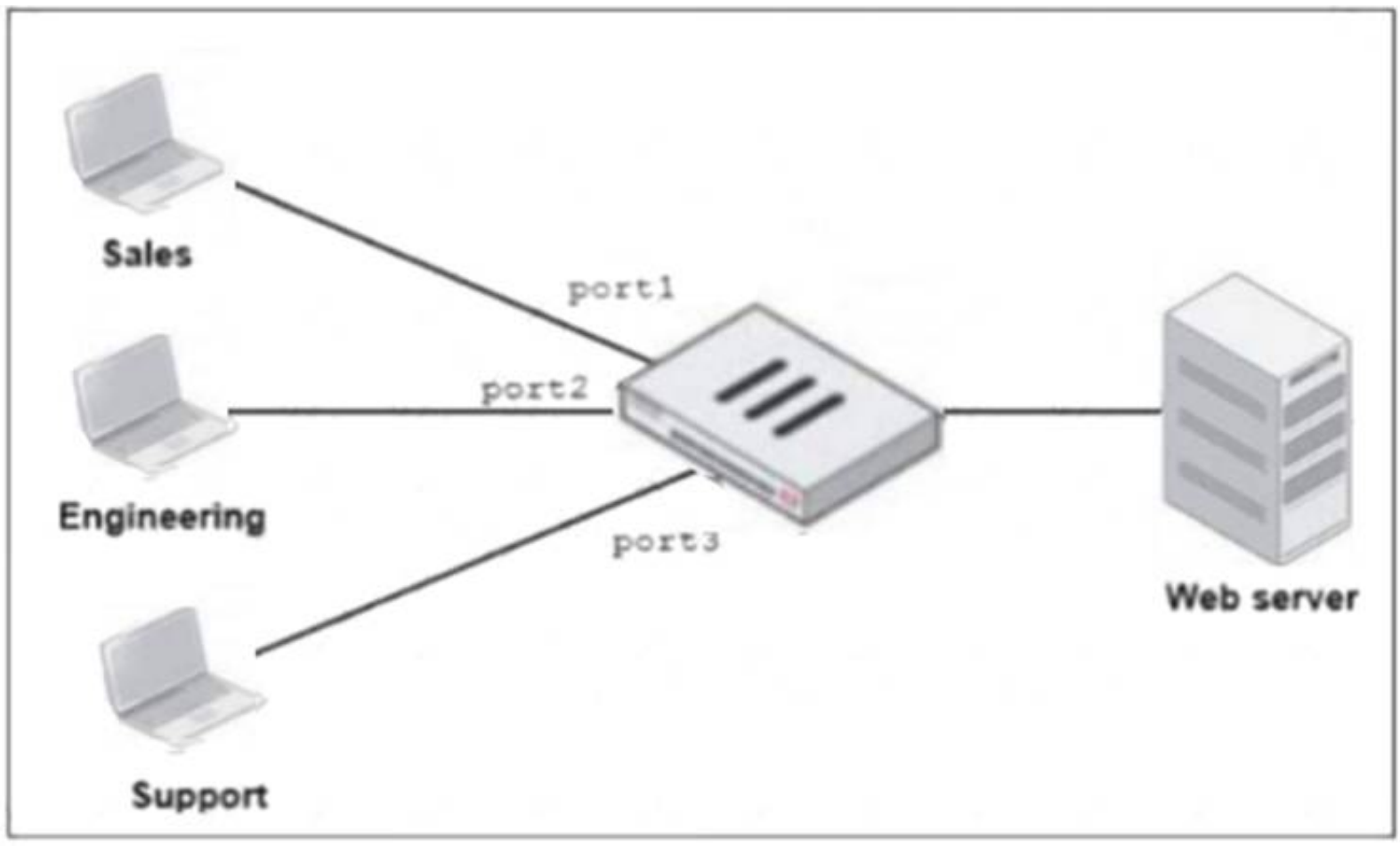
NEW QUESTION 19
An administrator suspects that the Collector Agent is not forwarding login events to FortiGate. What is the most effective troubleshooting step?

A. Verify if DC agent is enabled on the FortiGate.
B. Restart the domain controller to refresh authentication services.
C. Verify if FortiGate is set to use LDAP authentication instead of FSSO.
D. Check if TCP port 8000 is open between the collector agent and FortiGate.

Answer: D

Explanation:
The Collector Agent communicates with FortiGate over TCP port 8000. Ensuring this port is open and reachable is essential for forwarding login events.

NEW QUESTION 24
Refer to the exhibit.



FortiGate has two separate firewall policies for Sales and Engineering to access the same web server with the same security profiles.
Which action must the administrator perform to consolidate the two policies into one?

A. Create an Aggregate interface that includes port1 and port2 to create a single firewall policy.
B. Select port1 and port2 subnets in a single firewall policy.
C. Replace port1 and port2 with the any interface in a single firewall policy.
D. Enable Multiple Interface Policies to select port1 and port2 in the same firewall policy.

Answer: D

Explanation:
Enabling Multiple Interface Policies allows you to select multiple interfaces (like port1 and port2) in a single firewall policy, consolidating access rules for both Sales and Engineering to the web server.

NEW QUESTION 29
Which three statements explain a flow-based antivirus profile? (Choose three.)

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

Explanation:
Flow-based antivirus buffers the entire file while simultaneously transmitting data to the client to minimize latency.
Flow-based inspection combines multiple scanning techniques from proxy-based modes for efficient detection. Flow-based inspection provides better performance by processing traffic on the fly without full proxy overhead.

NEW QUESTION 34
An administrator wants to configure dead peer detection (DPD) on IPsec VPN for detecting dead tunnels. The requirement is that FortiGate sends DPD probes only when there is no inbound traffic.
Which DPD mode on FortiGate meets this requirement?

A. Enabled
B. On Idle
C. Disabled
D. On Demand

Answer: A

Explanation:
The "On Idle" DPD mode configures FortiGate to send DPD probes only when no inbound traffic is detected, meeting the requirement to send probes only when the tunnel is idle.

NEW QUESTION 35
Which two statements about equal-cost multi-path (ECMP) configuration on FortiGate are true? (Choose two.)

A. If SD-WAN is disabled, you can configure the parameter v4-ecmp-mode to volume-based.
B. If SD-WAN is enabled, you can configure routes with unequal distance and priority values to be part of ECMP.
C. If SD-WAN is disabled, you configure the load balancing algorithm in config system settings.
D. If SD-WAN is enabled, you control the load balancing algorithm with the parameter load-balance-mode.

Answer: AD

NEW QUESTION 39
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