



Fortinet

Exam Questions FCP_FGT_AD-7.6

FCP - FortiGate 7.6 Administrator

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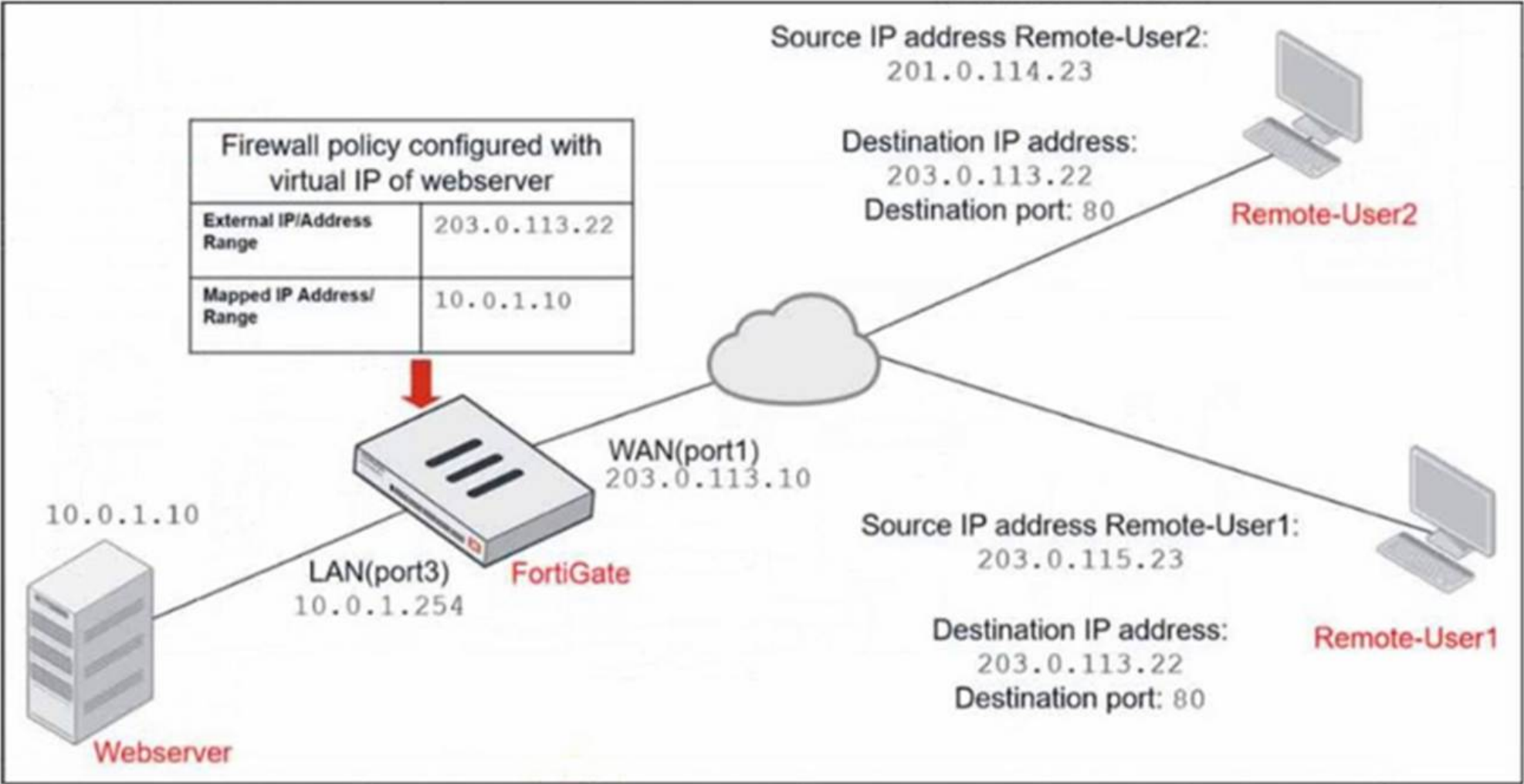
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NEW QUESTION 1
Refer to the exhibits.

Network diagram



Firewall address object

Edit Address

Name

Deny_IP

Color

 Change

Type

Subnet

IP/Netmask

201.0.114.23/32

Interface

 WAN (port1)

Static route configuration

☐

Comments

Deny web server access. 23/255

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 that Remote-User1 must be able to access the Webserver while preventing Remote-User2 from accessing the Webserver. Which additional configuration can the administrator add to a deny firewall policy, beyond the default behavior, to block Remote-User2 from accessing the Webserver?

- 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

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 3

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.

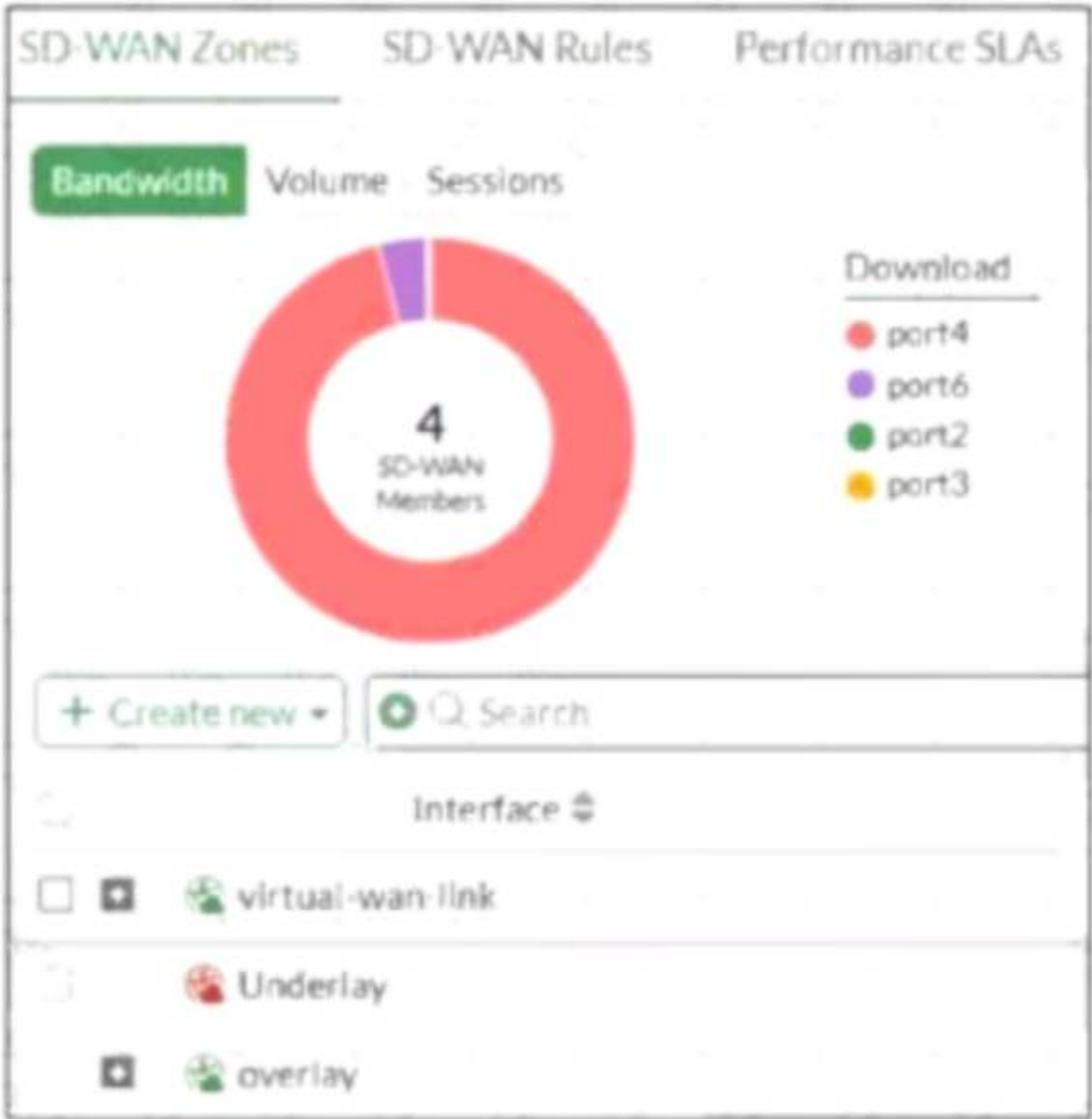
Answer: BD

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 4

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.

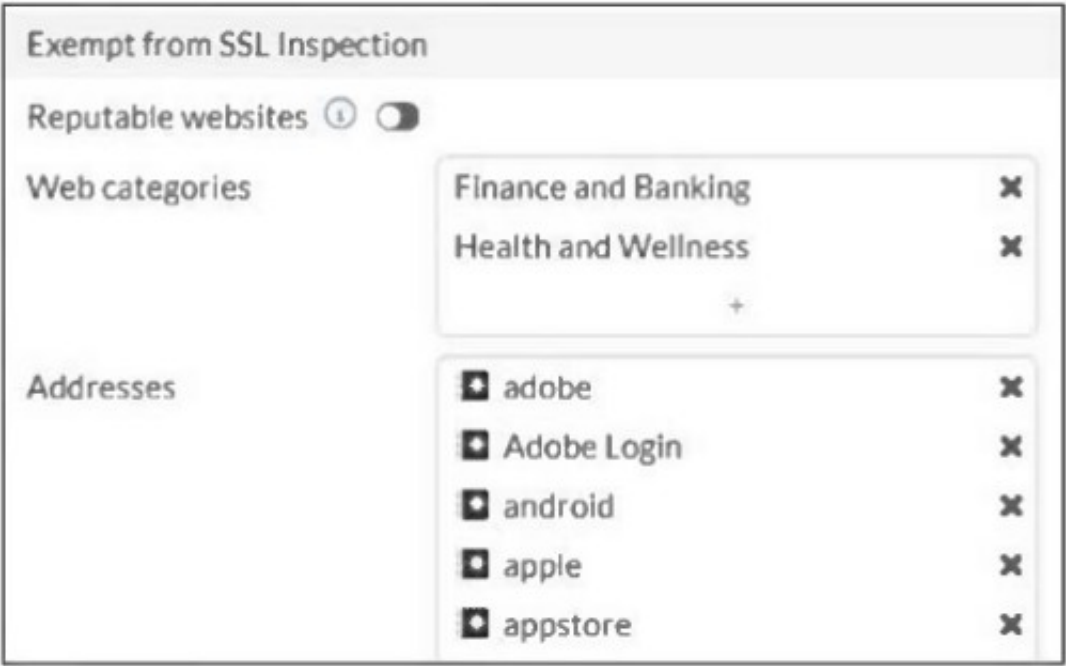
Answer: A

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 5

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 6

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

Answer: D

Explanation:

The HA configuration shows that override is disabled (set override disable), but despite this, HQ-NGFW-1 has the higher priority (200) and is acting as the primary, as indicated by its higher resource usage and uptime.

Override allows the device with higher priority to take over as primary, so HQ-NGFW-1 is the primary device.

NEW QUESTION 7

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

Answer: C

Explanation:

In DC Agent Mode, the DC agent sends login event data directly to FortiGate without involving a collector agent.

NEW QUESTION 8

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

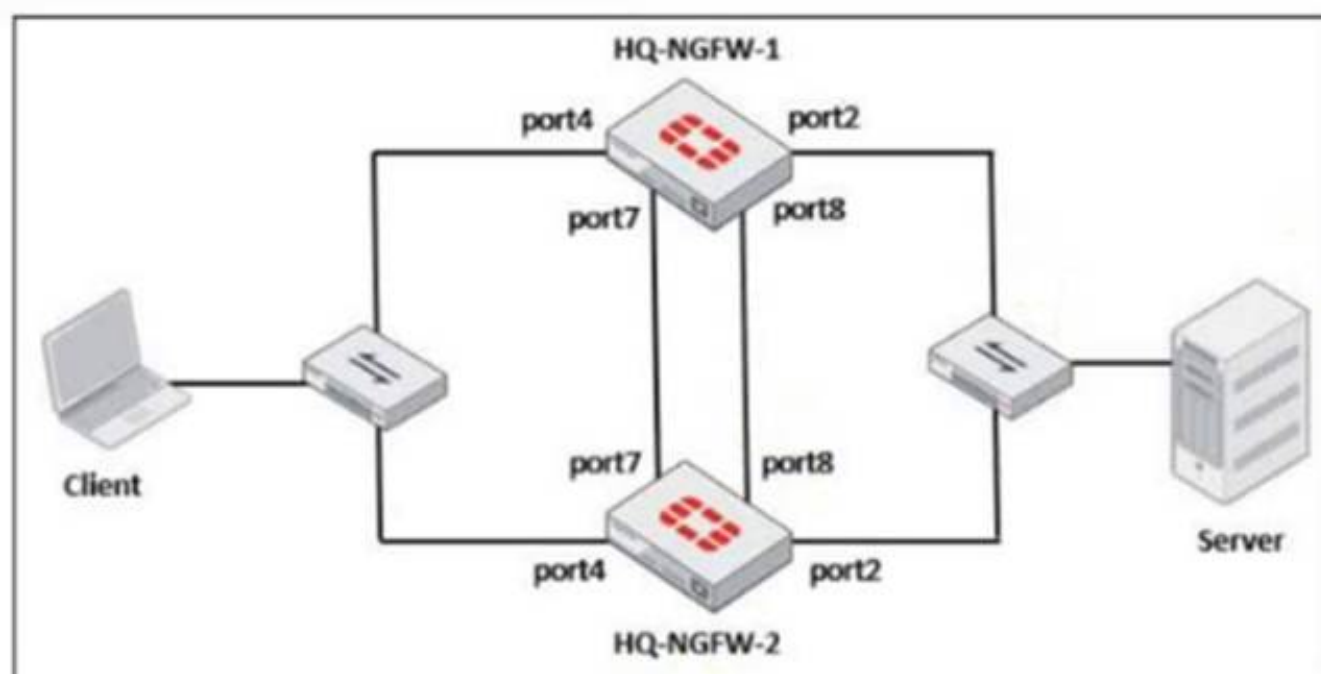
Explanation:

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 9

Refer to the exhibits.

FortiGate HA cluster topology



Current HA status

```

HQ-NGFW-1 # get system ha status
...
Configuration Status:
  FGVM02TM24013423(updated 0 seconds ago): in-sync
  FGVM02TM24013423 chksum dump: e1 60 2e 42 b8 c1 c6 df 11 34 0c 21 80 79 a4 9f
  FGVM02TM24013501(updated 4 seconds ago): in-sync
  FGVM02TM24013501 chksum dump: e1 60 2e 42 b8 c1 c6 df 11 34 0c 21 80 79 a4 9f
...
number of member: 2
HQ-NGFW-1      , FGVM02TM24013423, HA cluster index = 1
HQ-NGFW-2      , FGVM02TM24013501, HA cluster index = 0
number of vcluster: 1
vcluster 1: work 169.254.0.2
Primary: FGVM02TM24013423, HA operating index = 0
Secondary: FGVM02TM24013501, HA operating index = 1
  
```

New FortiGate HA configuration

```

HQ-NGFW-1
# config system ha
  set group-id 5
  set group-name "Fortinet"
  set mode a-p
  set password *
  set hbdev "port7" 50 "port8" 60
  set session-pick enable
  set override disable
  set priority 90
  set monitor "port3"

HQ-NGFW-2
# config system ha
  set group-id 5
  set group-name "Fortinet"
  set mode a-p
  set password *
  set hbdev "port7" 50 "port8" 60
  set session-pick enable
  set override enable
  set priority 110
  set monitor "port3"
  
```


Based on the current HA status, an administrator updates the override and priority parameters on HQ-NGFW-1 and HQ-NGFW-2 as shown in the exhibit. What would be the expected outcome in the HA cluster?

- A. HQ-NGFW-1 will synchronize the override disable setting with HQ-NGFW-2.
- B. HQ-NGFW-2 will take over as the primary because it has the override enable setting and higher priority than HQ-NGFW-1.
- C. HQ-NGFW-1 will remain the primary because HQ-NGFW-2 has lower priority.
- D. The HA cluster will become out of sync because the override setting must match on all HA members.

Answer: B

Explanation:

With override enabled on HQ-NGFW-2 and its higher priority (110 vs. 90), HQ-NGFW-2 will become the primary device, preempting HQ-NGFW-1 despite the current primary status.

NEW QUESTION 10

A network administrator is reviewing firewall policies in both Interface Pair View and By Sequence View. The policies appear in a different order in each view. Why is the policy order different in these two views?

- A. Policies in Interface Pair View are prioritized by security levels, while By Sequence View strictly follows the administrator's manual ordering.
- B. By Sequence View groups policies based on rule priority, while Interface Pair View always follows the order of traffic logs.
- C. The firewall dynamically reorders policies in Interface Pair View based on recent traffic patterns, but By Sequence View remains static.
- D. Interface Pair View sorts policies based on matching interfaces, while By Sequence View shows the actual processing order of rules.

Answer: D

Explanation:

Interface Pair View organizes policies grouped by source and destination interfaces, whereas By Sequence View displays policies in the exact order they are processed by the firewall.

NEW QUESTION 10

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 15

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