Fortinet

Exam Questions FCP_FGT_AD-7.6

FCP - FortiGate 7.6 Administrator

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NEW QUESTION 1
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 2
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.

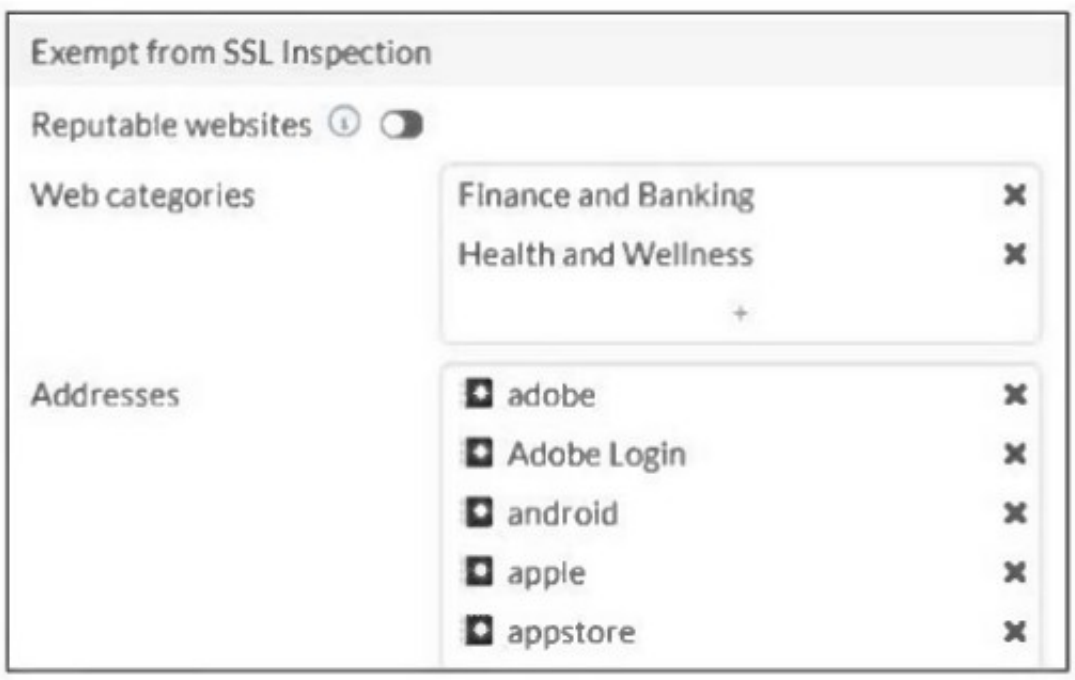
NEW QUESTION 3
You have configured an application control profile, set peer-to-peer traffic to Block under the Categories tab, and applied it to the firewall policy. However, your peer-to-peer traffic on known ports is passing through the FortiGate without being blocked.
What FortiGate settings should you check to resolve this issue?

A. FortiGuard category ratings
B. Application and Filter Overrides
C. Network Protocol Enforcement
D. Replacement Messages for UDP-based Applications

Answer: C

Explanation:
Network Protocol Enforcement settings control how FortiGate inspects and enforces protocols on traffic, including peer-to-peer applications on known ports. If not properly enabled, peer-to-peer traffic may bypass blocking despite the application control profile.

NEW QUESTION 4
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 5
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 6
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 the interface role assigned.
B. Both interfaces must have directly connected routes on the routing table.
C. Both interfaces must have DHCP enabled and interfaces set to LAN and DMZ roles assigned.
D. Both interfaces must have IP addresses assigned.

Answer: BD

Explanation:
Interfaces must have directly connected routes in the routing table to forward traffic correctly. Interfaces must have IP addresses assigned to communicate within their respective networks.

NEW QUESTION 7
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 8
Which two statements are correct when FortiGate enters conserve mode? (Choose two.)

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

Explanation:
In conserve mode, FortiGate restricts configuration changes to preserve system stability.
When IPS fail-open is enabled, FortiGate continues forwarding traffic without IPS inspection during resource constraints (conserve mode).

NEW QUESTION 10
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