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Exam : FCP_FGT_AD-7.6

**Title : FCP - FortiGate 7.6
Administrator**

Version : DEMO

1. 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: D

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.

2. 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: CD

Explanation:

When SD-WAN is disabled, FortiGate supports volume-based ECMP mode via the v4-ecmp-mode parameter.

When SD-WAN is enabled, the load balancing algorithm is controlled by the load-balance-mode parameter within the SD-WAN configuration.

3. 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.

4. Refer to the exhibit.

```
HQ-NGFW-1 # diagnose test application ipsmonitor 1
pid = 2044, engine count = 0 (+1)
0 - pid:2074:2074 cfg:1 master:0 run:1
```

As an administrator you have created an IPS profile, but it is not performing as expected. While testing you got the output as shown in the exhibit.

What could be the possible reason of the diagnose output shown in the exhibit?

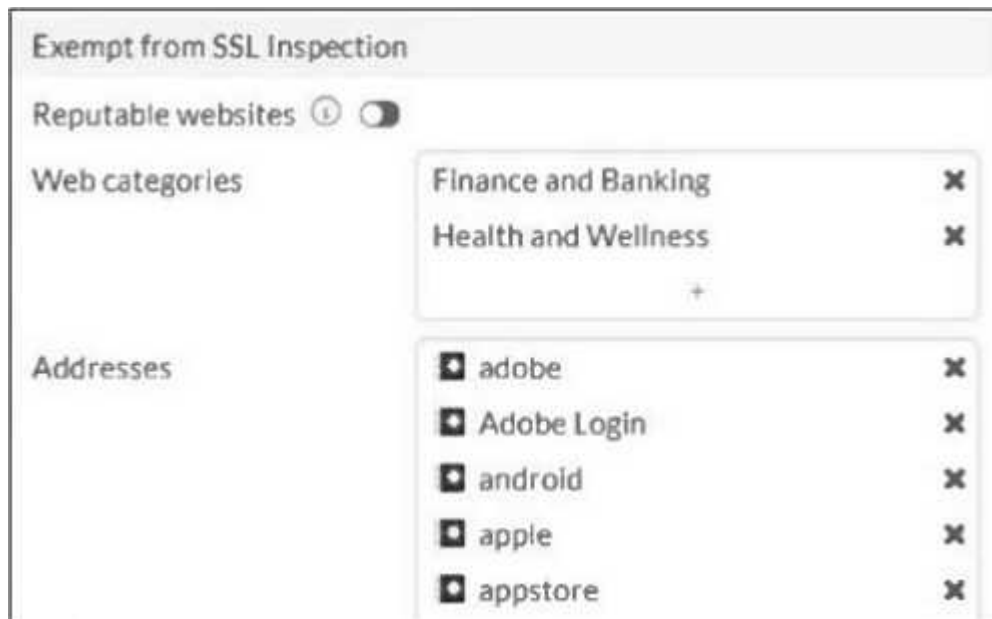
- A. There is a no firewall policy configured with an IPS security profile.
- B. FortiGate entered into IPS fail open state.
- C. Administrator entered the command diagnose test application ipsmonitor 5.
- D. Administrator entered the command diagnose test application ipsmonitor 99.

Answer: A

Explanation:

The output shows the IPS engine count as 0, indicating no active IPS engines are running. This typically means no firewall policy is referencing the IPS security profile, so the IPS profile is not being applied or triggered.

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.