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Vendor:Palo Alto Networks

Exam Code:PCNSE8

Exam Name:Palo Alto Networks Certified Security
Engineer (PCNSE) PAN-OS 8.0

Version:Demo

QUESTION 1

Which feature can be configured on VM-Series firewalls?

- A. aggregate interfaces
- B. machine learning
- C. multiple virtual systems
- D. GlobalProtect

Correct Answer: D

QUESTION 2

Which three authentication services can administrator use to authenticate admins into the Palo Alto Networks NGFW without defining a corresponding admin account on the local firewall? (Choose three.)

- A. Kerberos
- B. PAP
- C. SAML
- D. TACACS+
- E. RADIUS
- F. LDAP

Correct Answer: DEF

QUESTION 3

Only two Trust to Untrust allow rules have been created in the Security policy Rule1 allows google-base Rule2 allows youtube-base The youtube-base App-ID depends on google-base to function. The google-base App-ID implicitly uses SSL and web-browsing. When user try to accesss <https://www.youtube.com> in a web browser, they get an error indecating that the server cannot be found. Which action will allow youtube.com display in the browser correctly?

- A. Add SSL App-ID to Rule1
- B. Create an additional Trust to Untrust Rule, add the web-browsing, and SSL App-ID's to it
- C. Add the DNS App-ID to Rule2
- D. Add the Web-browsing App-ID to Rule2

Correct Answer: C

QUESTION 4

An administrator creates an SSL decryption rule decrypting traffic on all ports. The administrator also creates a Security policy rule allowing only the applications DNS, SSL, and web-browsing. The administrator generates three encrypted

BitTorrent connections and checks the Traffic logs. There are three entries. The first entry shows traffic dropped as application Unknown. The next two entries show traffic allowed as application SSL.

Which action will stop the second and subsequent encrypted BitTorrent connections from being allowed as SSL?

- A. Create a decryption rule matching the encrypted BitTorrent traffic with action "No-Decrypt," and place the rule at the top of the Decryption policy.
- B. Create a Security policy rule that matches application "encrypted BitTorrent" and place the rule at the top of the Security policy.
- C. Disable the exclude cache option for the firewall.
- D. Create a Decryption Profile to block traffic using unsupported cyphers, and attach the profile to the decryption rule.

Correct Answer: D

QUESTION 5

Which data flow describes redistribution of user mappings?

- A. User-ID agent to firewall
- B. firewall to firewall
- C. Domain Controller to User-ID agent
- D. User-ID agent to Panorama

Correct Answer: B

QUESTION 6

For which two reasons would a firewall discard a packet as part of the packet flow sequence? (Choose two)

- A. equal-cost multipath
- B. ingress processing errors
- C. rule match with action "allow"
- D. rule match with action "deny"

Correct Answer: BD

QUESTION 7

Which operation will impact the performance of the management plane?

- A. WildFire Submissions
- B. DoS Protection
- C. decrypting SSL Sessions
- D. Generating a SaaS Application Report.

Correct Answer: C

QUESTION 8

Which CLI command displays the current management plane memory utilization?

- A. > debug management-server show
- B. > show running resource-monitor
- C. > show system info
- D. > show system resources

Correct Answer: D

[https://HYPERLINK "https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364"](https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364)live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364 "The command show system resources gives a snapshot of Management Plane (MP) resource utilization including memory and CPU. This is similar to the `top` command in Linux." [https://live.HYPERLINK "https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364"](https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364)paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364"altonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364"ks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364

QUESTION 9

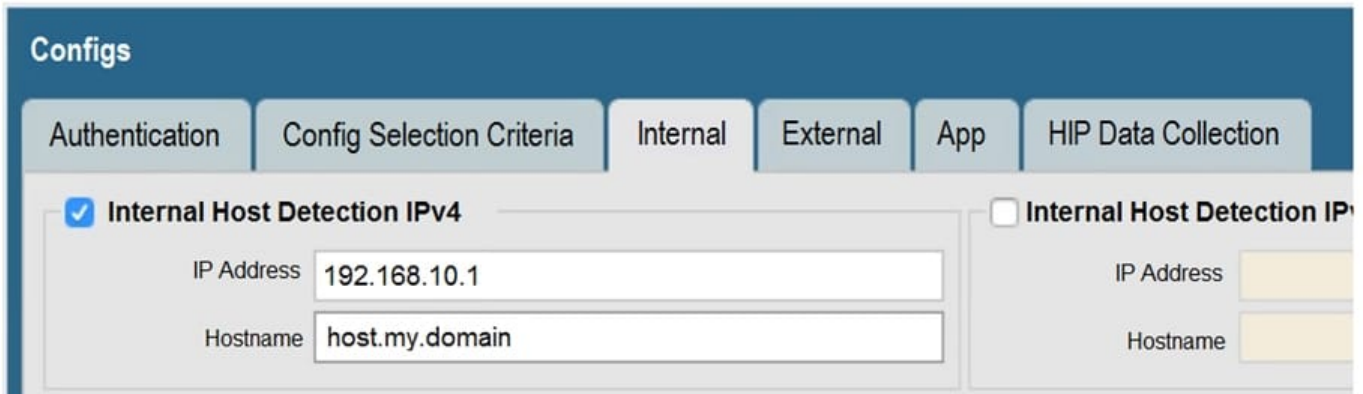
An administrator has enabled OSPF on a virtual router on the NGFW. OSPF is not adding new routes to the virtual router. Which two options enable the administrator to troubleshoot this issue? (Choose two.)

- A. View Runtime Stats in the virtual router.
- B. View System logs.
- C. Add a redistribution profile to forward as BGP updates.
- D. Perform a traffic pcap at the routing stage.

Correct Answer: AB

QUESTION 10

View the GlobalProtect configuration screen capture. What is the purpose of this configuration?



The screenshot shows the 'Configs' section of the GlobalProtect configuration interface. The 'Internal' tab is selected. Under the 'Internal Host Detection IPv4' section, the checkbox is checked, and the IP Address field is set to 192.168.10.1 and the Hostname field is set to host.my.domain. The 'Internal Host Detection IPv6' section is also visible but its checkbox is unchecked.

- A. It configures the tunnel address of all internal clients to an IP address range starting at 192.168.10.1.
- B. It forces an internal client to connect to an internal gateway at IP address 192.168.10.1.
- C. It enables a client to perform a reverse DNS lookup on 192.168.10.1 to detect that it is an internal client.
- D. It forces the firewall to perform a dynamic DNS update, which adds the internal gateway's hostname and IP address to the DNS server.

Correct Answer: C

Reference: <https://www.paloaltonetworks.com/documentation/80/globalprotect/globalprotect-admin-guide/globalprotect-ports/define-the-globalprotect-client-authentication-configurations/define-the-globalprotect-agent-configurations>

QUESTION 11

Firewall administrators cannot authenticate to a firewall GUI. Which two logs on that firewall will contain authentication-related information useful in troubleshooting this issue? (Choose two.)

- A. ms log
- B. authd log
- C. System log
- D. Traffic log
- E. dp-monitor .log

Correct Answer: BC

QUESTION 12

SAML SLO is supported for which two firewall features? (Choose two.)

- A. GlobalProtect Portal
- B. CaptivePortal
- C. WebUI
- D. CLI

Correct Answer: AB

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/authentication/configure-saml-authentication>