

Paloalto-Networks

Exam Questions PCNSE

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



NEW QUESTION 1

Which three split tunnel methods are supported by a globalProtect gateway? (Choose three.)

- A. video streaming application
- B. Client Application Process
- C. Destination Domain
- D. Source Domain
- E. Destination user/group
- F. URL Category

Answer: ABC

NEW QUESTION 2

What are the two behavior differences between Highlight Unused Rules and the Rule Usage Hit counter when a firewall is rebooted? (Choose two.)

- A. Rule Usage Hit counter will not be reset
- B. Highlight Unused Rules will highlight all rules.
- C. Highlight Unused Rules will highlight zero rules.
- D. Rule Usage Hit counter will reset.

Answer: AB

NEW QUESTION 3

Which is not a valid reason for receiving a decrypt-cert-validation error?

- A. Unsupported HSM
- B. Unknown certificate status
- C. Client authentication
- D. Untrusted issuer

Answer: A

NEW QUESTION 4

In the following image from Panorama, why are some values shown in red?

Device Name	Logging Rate (Log/sec)	Device	Session
		Throughput (KB/sec)	Count (Sessions)
uk3	781	209	40221
sg2	0	953	170
us3	291	0	67455

- A. sg2 session count is the lowest compared to the other managed devices.
- B. us3 has a logging rate that deviates from the administrator-configured thresholds.
- C. uk3 has a logging rate that deviates from the seven-day calculated baseline.
- D. sg2 has misconfigured session thresholds.

Answer: C

NEW QUESTION 5

Which two methods can be configured to validate the revocation status of a certificate? (Choose two.)

- A. CRL
- B. CRT
- C. OCSP
- D. Cert-Validation-Profile
- E. SSL/TLS Service Profile

Answer: AC

NEW QUESTION 6

An administrator has been asked to configure active/active HA for a pair of Palo Alto Networks NGFWs. The firewall use Layer 3 interfaces to send traffic to a single gateway IP for the pair.

Which configuration will enable this HA scenario?

- A. The two firewalls will share a single floating IP and will use gratuitous ARP to share the floating IP.
- B. Each firewall will have a separate floating IP, and priority will determine which firewall has the primary IP.
- C. The firewalls do not use floating IPs in active/active HA.
- D. The firewalls will share the same interface IP address, and device 1 will use the floating IP if device 0 fails.

Answer: A

NEW QUESTION 7

How does Panorama prompt VMWare NSX to quarantine an infected VM?

- A. HTTP Server Profile
- B. Syslog Server Profile
- C. Email Server Profile
- D. SNMP Server Profile

Answer: A

NEW QUESTION 8

A company needs to preconfigure firewalls to be sent to remote sites with the least amount of reconfiguration. Once deployed, each firewall must establish secure tunnels back to multiple regional data centers to include the future regional data centers.

Which VPN configuration would adapt to changes when deployed to the future site?

- A. Preconfigured GlobalProtect satellite
- B. Preconfigured GlobalProtect client
- C. Preconfigured IPsec tunnels
- D. Preconfigured PPTP Tunnels

Answer: A

NEW QUESTION 9

An administrator has been asked to configure active/passive HA for a pair of Palo Alto Networks NGFWs. The administrator assigns priority 100 to the active firewall.

Which priority is correct for the passive firewall?

- A. 99
- B. 1
- C. 255

Answer: D

Explanation:

Reference:

https://www.paloaltonetworks.com/content/dam/pan/en_US/assets/pdf/frame maker/71/pan-os/pan-os/section_5.pdf (page 9)

NEW QUESTION 10

If a template stack is assigned to a device and the stack includes three templates with overlapping settings, which settings are published to the device when the template stack is pushed?

- A. The settings assigned to the template that is on top of the stack.
- B. The administrator will be prompted to choose the settings for that chosen firewall.
- C. All the settings configured in all templates.
- D. Depending on the firewall location, Panorama decides with settings to send.

Answer: B

Explanation:

Reference:

https://www.paloaltonetworks.com/documentation/80/panorama/panorama_adminguide/manage-firewalls/manage-templates-and-template-stacks/configure-a-template-stack

NEW QUESTION 10

A speed/duplex negotiation mismatch is between the Palo Alto Networks management port and the switch port which it connects. How would an administrator configure the interface to 1Gbps?

- A. set deviceconfig interface speed-duplex 1Gbps-full-duplex
- B. set deviceconfig system speed-duplex 1Gbps-duplex
- C. set deviceconfig system speed-duplex 1Gbps-full-duplex
- D. set deviceconfig Interface speed-duplex 1Gbps-half-duplex

Answer: B

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Change-the-Speed-and-Duplex-of-the-Management-Port/ta-p/59034>

NEW QUESTION 13

Which method does an administrator use to integrate all non-native MFA platforms in PAN-OS® software?

- A. Okta
- B. DUO
- C. RADIUS
- D. PingID

Answer: C

NEW QUESTION 17

How would an administrator monitor/capture traffic on the management interface of the Palo Alto Networks NGFW?

- A. Use the debug dataplane packet-diag set capture stage firewall file command.
- B. Enable all four stages of traffic capture (TX, RX, DROP, Firewall).
- C. Use the debug dataplane packet-diag set capture stage management file command.
- D. Use the tcpdump command.

Answer: D

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Run-a-Packet-Capture/ta-p/62390>

NEW QUESTION 19

VPN traffic intended for an administrator's Palo Alto Networks NGFW is being maliciously intercepted and retransmitted by the interceptor. When creating a VPN tunnel, which protection profile can be enabled to prevent this malicious behavior?

- A. Zone Protection
- B. DoS Protection
- C. Web Application
- D. Replay

Answer: A

NEW QUESTION 21

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

Answer: DEF

NEW QUESTION 24

A client is concerned about resource exhaustion because of denial-of-service attacks against their DNS servers. Which option will protect the individual servers?

- A. Enable packet buffer protection on the Zone Protection Profile.
- B. Apply an Anti-Spyware Profile with DNS sinkholing.
- C. Use the DNS App-ID with application-default.
- D. Apply a classified DoS Protection Profile.

Answer: A

NEW QUESTION 28

An administrator has users accessing network resources through Citrix XenApp 7 x. Which User-ID mapping solution will map multiple users who are using Citrix to connect to the network and access resources?

- A. Client Probing
- B. Terminal Services agent
- C. GlobalProtect
- D. Syslog Monitoring

Answer: B

NEW QUESTION 31

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.

Answer: D

NEW QUESTION 33

Refer to the exhibit.

Device Certificates									
Default Trusted Certificate Authorities									
1 item									
Name	Location	Subject	Issuer	CA	Key	Expires	Status	Algorithm	Usage
Domain-Root-Cert	vsys1	DC = local, DC = lab, CN = lab-DEMO-2008R2-CA	DC = local, DC = lab, CN = lab-DEMO-2008R2-CA	<input checked="" type="checkbox"/>		Nov 1 00:34:47 2021 GMT	valid	RSA	Trusted Root CA Certificate
Domain Sub-CA	vsys1	CN = sca.lab.local	DC = local, DC = lab, CN = lab-DEMO-2008R2-CA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Jun 6 20:59:38 2019 GMT	valid	RSA	
Forward_Trust	vsys1	CN = fwdtrust.la...	CN = sca.lab.local		<input checked="" type="checkbox"/>	Jun 6 21:09:49 2018 GMT	valid	RSA	

Which certificates can be used as a Forwarded Trust certificate?

- A. Certificate from Default Trust Certificate Authorities
- B. Domain Sub-CA
- C. Forward_Trust
- D. Domain-Root-Cert

Answer: A

NEW QUESTION 36

Which option would an administrator choose to define the certificate and protocol that Panorama and its managed devices use for SSL/TLS services?

- A. Configure a Decryption Profile and select SSL/TLS services.
- B. Set up SSL/TLS under Policies > Service/URL Category>Service.
- C. Set up Security policy rule to allow SSL communication.
- D. Configure an SSL/TLS Profile.

Answer: D

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/device/device-certificate-management-ssl/tls-service-profile>

NEW QUESTION 38

Which protection feature is available only in a Zone Protection Profile?

- A. SYN Flood Protection using SYN Flood Cookies
- B. ICMP Flood Protection
- C. Port Scan Protection
- D. UDP Flood Protections

Answer: A

NEW QUESTION 40

Which CLI command can be used to export the tcpdump capture?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Management-Articles/How-To-Packet-Capture-tcpdump-On-Management-Interface/ta-p/55415>

NEW QUESTION 41

How can a candidate or running configuration be copied to a host external from Panorama?

- A. Commit a running configuration.
- B. Save a configuration snapshot.
- C. Save a candidate configuration.
- D. Export a named configuration snapshot.

Answer: D

Explanation:

Reference:
https://www.paloaltonetworks.com/documentation/71/panorama/panorama_adminguide/administer-panorama/back-up-panorama-and-firewall-configurations

NEW QUESTION 42

If an administrator does not possess a website's certificate, which SSL decryption mode will allow the Palo Alto networks NGFW to inspect when users browse to HTTP(S) websites?

- A. SSL Forward Proxy

- B. SSL Inbound Inspection
- C. TLS Bidirectional proxy
- D. SSL Outbound Inspection

Answer: A

NEW QUESTION 46

Which three firewall states are valid? (Choose three.)

- A. Active
- B. Functional
- C. Pending
- D. Passive
- E. Suspended

Answer: ADE

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-firewall-states>

NEW QUESTION 51

Exhibit:

#####

admin@Lab33-111-PA-3060(active)>show routing fib

id	destination	nexthop	flags	interface	mtu
47	0.0.0.0/0	10.46.40.1	ug	ethernet1/3	1500
46	10.46.40.0/23	0.0.0.0	u	ethernet1/3	1500
45	10.46.41.111/32	0.0.0.0	uh	ethernet1/3	1500
70	10.46.41.113/32	10.46.40.1	ug	ethernet1/3	1500
51	192.168.111.0/24	0.0.0.0	u	ethernet1/6	1500
50	192.168.111.2/32	0.0.0.0	uh	ethernet1/6	1500

#####

admin@Lab33-111-PA-3060(active)>show virtual-wire all

total virtual-wire shown:

flags: m-multicast firewalling
p= link state pass-through
s- vlan sub-interface
i- ip+vlan sub-interface
t-tenant sub-interface

name	interface1	interface2	flags	allowed-tags
VW-1	ethernet1/7	ethernet1/5	p	

#####

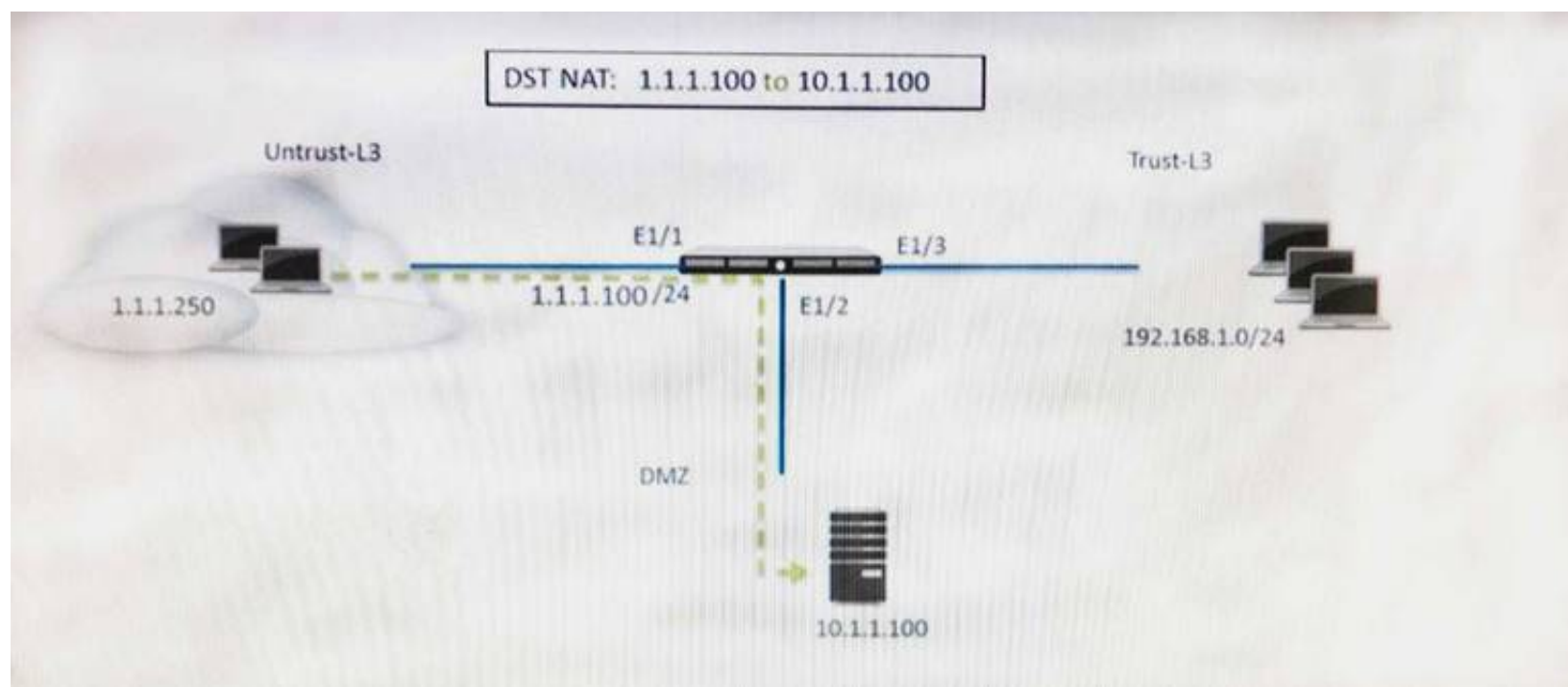
What will be the egress interface if the traffic's ingress interface is ethernet1/6 sourcing from 192.168.111.3 and to the destination 10.46.41.113 during the time shown in the image?

- A. ethernet1/7
- B. ethernet1/5
- C. ethernet1/6
- D. ethernet1/3

Answer: D

NEW QUESTION 52

Refer to the exhibit.



A web server in the DMZ is being mapped to a public address through DNAT. Which Security policy rule will allow traffic to flow to the web server?

- A. Untrust (any) to Untrust (10. 1.1. 100), web browsing – Allow
- B. Untrust (any) to Untrust (1. 1. 1. 100), web browsing – Allow
- C. Untrust (any) to DMZ (1. 1. 1. 100), web browsing – Allow
- D. Untrust (any) to DMZ (10. 1. 1. 100), web browsing – Allow

Answer: B

NEW QUESTION 54

A global corporate office has a large-scale network with only one User-ID agent, which creates a bottleneck near the User-ID agent server. Which solution in PAN-OS® software would help in this case?

- A. application override
- B. Virtual Wire mode
- C. content inspection
- D. redistribution of user mappings

Answer: D

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/deploy-user-id-in-a-large-scale-network>

NEW QUESTION 57

An administrator has been asked to create 100 virtual firewalls in a local, on-premise lab environment (not in “the cloud”). Bootstrapping is the most expedient way to perform this task. Which option describes deployment of a bootstrap package in an on-premise virtual environment?

- A. Use config-drive on a USB stick.
- B. Use an S3 bucket with an ISO.
- C. Create and attach a virtual hard disk (VHD).
- D. Use a virtual CD-ROM with an ISO.

Answer: D

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/newfeaturesguide/management-features/bootstrapping-firewalls-for-rapid-deployment.html>

NEW QUESTION 62

Which feature can be configured on VM-Series firewalls?

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

Answer: D

NEW QUESTION 67

In High Availability, which information is transferred via the HA data link?

- A. session information
- B. heartbeats
- C. HA state information
- D. User-ID information

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-links-and-backup-links>

NEW QUESTION 71

A client has a sensitive application server in their data center and is particularly concerned about resource exhaustion because of distributed denial-of-service attacks.

How can the Palo Alto Networks NGFW be configured to specifically protect this server against resource exhaustion originating from multiple IP addresses (DDoS attack)?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/dos-protection-profiles>

NEW QUESTION 72

Which two methods can be used to verify firewall connectivity to AutoFocus? (Choose two.)

- A. Verify AutoFocus status using CLI.
- B. Check the WebUI Dashboard AutoFocus widget.
- C. Check for WildFire forwarding logs.
- D. Check the license
- E. Verify AutoFocus is enabled below Device Management tab.

Answer: BD

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/getting-started/enable-autofocus-threat-intelligence>

NEW QUESTION 75

Which DoS protection mechanism detects and prevents session exhaustion attacks?

- A. Packet Based Attack Protection
- B. Flood Protection
- C. Resource Protection
- D. TCP Port Scan Protection

Answer: C

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/dos-protection-profiles>

NEW QUESTION 76

Which two subscriptions are available when configuring panorama to push dynamic updates to connected devices? (Choose two.)

- A. Content-ID
- B. User-ID
- C. Applications and Threats
- D. Antivirus

Answer: CD

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/device/device-dynamic-updates>

NEW QUESTION 77

Which three user authentication services can be modified to provide the Palo Alto Networks NGFW with both usernames and role names? (Choose three.)

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

Answer: ADF

NEW QUESTION 81

What is exchanged through the HA2 link?

- A. hello heartbeats
- B. User-ID information
- C. session synchronization
- D. HA state information

Answer: C

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-links-and-backup-links>

NEW QUESTION 84

Which prerequisite must be satisfied before creating an SSH proxy Decryption policy?

- A. Both SSH keys and SSL certificates must be generated.
- B. No prerequisites are required.
- C. SSH keys must be manually generated.
- D. SSL certificates must be generated.

Answer: B

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/configure-ssh-proxy>

NEW QUESTION 88

A customer wants to combine multiple Ethernet interfaces into a single virtual interface using link aggregation. Which two formats are correct for naming aggregate interfaces? (Choose two.)

- A. ae.8
- B. aggregate.1
- C. ae.1
- D. aggregate.8

Answer: AC

NEW QUESTION 89

Which menu item enables a firewall administrator to see details about traffic that is currently active through the NGFW?

- A. App Scope
- B. ACC
- C. Session Browser
- D. System Logs

Answer: C

NEW QUESTION 93

An administrator needs to upgrade an NGFW to the most current version of PAN-OS® software. The following is occurring:

- Firewall has Internet connectivity through e1/1.
- Default security rules and security rules allowing all SSL and web-browsing traffic to and from any zone.
- Service route is configured, sourcing update traffic from e1/1.
- A communication error appears in the System logs when updates are performed.
- Download does not complete.

What must be configured to enable the firewall to download the current version of PAN-OS software?

- A. DNS settings for the firewall to use for resolution
- B. scheduler for timed downloads of PAN-OS software
- C. static route pointing application PaloAlto-updates to the update servers
- D. Security policy rule allowing PaloAlto-updates as the application

Answer: D

NEW QUESTION 98

Which three firewall states are valid? (Choose three)

- A. Suspended
- B. Passive
- C. Active
- D. Pending E.Functional

Answer: ABC

NEW QUESTION 100

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.

Answer: C

NEW QUESTION 104

Which feature can provide NGFWs with User-ID mapping information?

- A. GlobalProtect
- B. Web Captcha
- C. Native 802.1q authentication
- D. Native 802.1x authentication

Answer: A

NEW QUESTION 107

Which GlobalProtect Client connect method requires the distribution and use of machine certificates?

- A. User-logon (Always on)
- B. At-boot
- C. On-demand
- D. Pre-logon

Answer: D

NEW QUESTION 108

What are the differences between using a service versus using an application for Security Policy match?

- A. Use of a "service" enables the firewall to take action after enough packets allow for App-ID identification
- B. Use of a "service" enables the firewall to take immediate action with the first observed packet based on port numbers Use of an "application" allows the firewall to take action after enough packets allow for App-ID identification regardless of the ports being used.
- C. There are no differences between "service" or "application" Use of an "application" simplifies configuration by allowing use of a friendly application name instead of port numbers.
- D. Use of a "service" enables the firewall to take immediate action with the first observed packet based on port number
- E. Use of an "application" allows the firewall to take immediate action if the port being used is a member of the application standard port list

Answer: B

NEW QUESTION 109

In which two types of deployment is active/active HA configuration supported? (Choose two.)

- A. TAP mode
- B. Layer 2 mode
- C. Virtual Wire mode
- D. Layer 3 mode

Answer: CD

NEW QUESTION 114

A client has a sensitive application server in their data center and is particularly concerned about session flooding because of denial-of-service attacks. How can the Palo Alto Networks NGFW be configured to specifically protect this server against session floods originating from a single IP address?

- A. Define a custom App-ID to ensure that only legitimate application traffic reaches the server
- B. Add QoS Profiles to throttle incoming requests
- C. Add a tuned DoS Protection Profile
- D. Add an Anti-Spyware Profile to block attacking IP address

Answer: C

NEW QUESTION 119

Which Panorama administrator types require the configuration of at least one access domain? (Choose two)

- A. Dynamic
- B. Custom Panorama Admin
- C. Role Based
- D. Device Group E. Template Admin

Answer: DE

NEW QUESTION 123

Which Zone Pair and Rule Type will allow a successful connection for a user on the internet zone to a web server hosted in the DMZ zone? The web server is reachable using a destination NAT policy in the Palo Alto Networks firewall.

- A. Zone Pair: Source Zone: Internet Destination Zone: DMZ Rule Type: "intrazone"
- B. Zone Pair: Source Zone: Internet Destination Zone: DMZ Rule Type: "intrazone" or "universal"
- C. Zone Pair: Source Zone: Internet Destination Zone: Internet Rule Type: "intrazone" or "universal"
- D. Zone Pair: Source Zone: Internet Destination Zone: Internet Rule Type: "intrazone"

Answer: B

NEW QUESTION 124

A VPN connection is set up between Site-A and Site-B, but no traffic is passing in the system log of Site-A, there is an event logged as like-nego-p1-fail-psk. What action will bring the VPN up and allow traffic to start passing between the sites?

- A. Change the Site-B IKE Gateway profile version to match Site-A,
- B. Change the Site-A IKE Gateway profile exchange mode to aggressive mode.
- C. Enable NAT Traversal on the Site-A IKE Gateway profile.
- D. Change the pre-shared key of Site-B to match the pre-shared key of Site-A

Answer: D

NEW QUESTION 127

Which three fields can be included in a pcap filter? (Choose three)

- A. Egress interface
- B. Source IP
- C. Rule number
- D. Destination IP
- E. Ingress interface

Answer: BCD

Explanation:

(<https://live.paloaltonetworks.com/t5/Featured-Articles/Getting-Started-Packet-Capture/ta-p/72069>)

NEW QUESTION 130

A company hosts a publically accessible web server behind a Palo Alto Networks next generation firewall with the following configuration information. Users outside the company are in the "Untrust-L3" zone The web server physically resides in the "Trust-L3" zone. Web server public IP address: 23.54.6.10 Web server private IP address: 192.168.1.10

Which two items must be NAT policy contain to allow users in the untrust-L3 zone to access the web server? (Choose two)

- A. Untrust-L3 for both Source and Destination zone
- B. Destination IP of 192.168.1.10
- C. Untrust-L3 for Source Zone and Trust-L3 for Destination Zone
- D. Destination IP of 23.54.6.10

Answer: CD

NEW QUESTION 134

A network engineer has revied a report of problems reaching 98.139.183.24 through vr1 on the firewall. The routing table on this firewall is extensive and complex.

Which CLI command will help identify the issue?

- A. test routing fib virtual-router vr1
- B. show routing route type static destination 98.139.183.24
- C. test routing fib-lookup ip 98.139.183.24 virtual-router vr1
- D. show routing interface

Answer: C

NEW QUESTION 138

How is the Forward Untrust Certificate used?

- A. It issues certificates encountered on the Untrust security zone when clients attempt to connect to a site that has be decrypted/
- B. It is used when web servers request a client certificate.
- C. It is presented to clients when the server they are connecting to is signed by a certificate authority that is not trusted by firewall.
- D. It is used for Captive Portal to identify unknown users.

Answer: C

NEW QUESTION 141

Which command can be used to validate a Captive Portal policy?

- A. eval captive-portal policy <criteria>
- B. request cp-policy-eval <criteria>
- C. test cp-policy-match <criteria>
- D. debug cp-policy <criteria>

Answer: C

NEW QUESTION 143

What are three valid actions in a File Blocking Profile? (Choose three)

- A. Forward
- B. Block
- C. Alret

- D. Upload
- E. Reset-both
- F. Continue

Answer: ABC

Explanation:

<https://live.paloaltonetworks.com/t5/Configuration-Articles/File-Blocking-Rulebase-and-Action-Precedence/ta-p/53623>"les/File-Blocking-Ruleb[HYPERLINK "https://live.paloaltonetworks.com/t5/Configuration-Articles/File-Blocking-Rulebase-and-Action-Precedence/ta-p/53623"](https://live.paloaltonetworks.com/t5/Configuration-Articles/File-Blocking-Rulebase-and-Action-Precedence/ta-p/53623)ase-and-Action-Precedence/ta-p/53623

NEW QUESTION 148

The company's Panorama server (IP 10.10.10.5) is not able to manage a firewall that was recently deployed. The firewall's dedicated management port is being used to connect to the management network.

Which two commands may be used to troubleshoot this issue from the CLI of the new firewall? (Choose two)

- A. test panoramas-connect 10.10.10.5
- B. show panoramas-status
- C. show arp all I match 10.10.10.5
- D. topdump filter "host 10.10.10.5
- E. debug dataplane packet-diag set capture on

Answer: BD

NEW QUESTION 149

Which Public Key infrastructure component is used to authenticate users for GlobalProtect when the Connect Method is set to pre-logon?

- A. Certificate revocation list
- B. Trusted root certificate
- C. Machine certificate
- D. Online Certificate Status Protocol

Answer: C

NEW QUESTION 153

A critical US-CERT notification is published regarding a newly discovered botnet. The malware is very evasive and is not reliably detected by endpoint antivirus software. Furthermore, SSL is used to tunnel malicious traffic to command-and-control servers on the internet and SSL Forward Proxy Decryption is not enabled. Which component once enabled on a perimeter firewall will allow the identification of existing infected hosts in an environment?

- A. Anti-Spyware profiles applied outbound security policies with DNS Query action set to sinkhole
- B. File Blocking profiles applied to outbound security policies with action set to alert
- C. Vulnerability Protection profiles applied to outbound security policies with action set to block
- D. Antivirus profiles applied to outbound security policies with action set to alert

Answer: A

NEW QUESTION 157

How does Panorama handle incoming logs when it reaches the maximum storage capacity?

- A. Panorama discards incoming logs when storage capacity full.
- B. Panorama stops accepting logs until licenses for additional storage space are applied
- C. Panorama stops accepting logs until a reboot to clean storage space.
- D. Panorama automatically deletes older logs to create space for new ones.

Answer: D

Explanation:

(https://www.paloaltonetworks.com/documentation/60/panorama/panorama_adminguide/set-up-panorama/determine-panorama-log-storage-requirements)

NEW QUESTION 159

A Palo Alto Networks firewall is being targeted by an NTP Amplification attack and is being flooded with tens thousands of bogus UDP connections per second to a single destination IP address and port.

Which option when enabled with the correction threshold would mitigate this attack without dropping legitimate traffic to other hosts inside the network?

- A. Zone Protection Policy with UDP Flood Protection
- B. QoS Policy to throttle traffic below maximum limit
- C. Security Policy rule to deny traffic to the IP address and port that is under attack
- D. Classified DoS Protection Policy using destination IP only with a Protect action

Answer: D

NEW QUESTION 160

Which two options are required on an M-100 appliance to configure it as a Log Collector? (Choose two)

- A. From the Panorama tab of the Panorama GUI select Log Collector mode and then commit changes

- B. Enter the command request system system-mode logger then enter Y to confirm the change to Log Collector mode.
- C. From the Device tab of the Panorama GUI select Log Collector mode and then commit changes.
- D. Enter the command logger-mode enable the enter Y to confirm the change to Log Collector mode.
- E. Log in the Panorama CLI of the dedicated Log Collector

Answer: BE

Explanation:

(https://www.paloaltonetworks.com/documentation/60/panorama/panorama_adminguide/set-up-panorama/set-up-the-m-100-appliance)

NEW QUESTION 163

Palo Alto Networks maintains a dynamic database of malicious domains.

Which two Security Platform components use this database to prevent threats? (Choose two)

- A. Brute-force signatures
- B. BrightCloud Url Filtering
- C. PAN-DB URL Filtering
- D. DNS-based command-and-control signatures

Answer: CD

NEW QUESTION 168

A company has a web server behind a Palo Alto Networks next-generation firewall that it wants to make accessible to the public at 1.1.1.1. The company has decided to configure a destination NAT Policy rule.

Given the following zone information:

- DMZ zone: DMZ-L3
- Public zone: Untrust-L3
- Guest zone: Guest-L3
- Web server zone: Trust-L3
- Public IP address (Untrust-L3): 1.1.1.1
- Private IP address (Trust-L3): 192.168.1.50

What should be configured as the destination zone on the Original Packet tab of NAT Policy rule?

- A. Untrust-L3
- B. DMZ-L3
- C. Guest-L3
- D. Trust-L3

Answer: A

NEW QUESTION 169

A network security engineer is asked to provide a report on bandwidth usage. Which tab in the ACC provides the information needed to create the report?

- A. Blocked Activity
- B. Bandwidth Activity
- C. Threat Activity
- D. Network Activity

Answer: D

NEW QUESTION 172

What are three valid method of user mapping? (Choose three)

- A. Syslog
- B. XML API
- C. 802.1X
- D. WildFire
- E. Server Monitoring

Answer: ABE

NEW QUESTION 173

What are three possible verdicts that WildFire can provide for an analyzed sample? (Choose three)

- A. Clean
- B. Benign
- C. Adware
- D. Suspicious
- E. Grayware
- F. Malware

Answer: BEF

Explanation:

[https://www.paloaltonetworks.com/documentation/70/pan-HYPERLINK "https://www.paloaltonetworks.com/documentation/70/pan-os/newfeaturesguide/wildfire-features/wildfire-grayware-verdict"os/newfeaturesguide/wildfire-features/wildfire-grayware-verdict](https://www.paloaltonetworks.com/documentation/70/pan-HYPERLINK \)

NEW QUESTION 174

A host attached to ethernet1/3 cannot access the internet. The default gateway is attached to ethernet1/4. After troubleshooting. It is determined that traffic cannot pass from the ethernet1/3 to ethernet1/4. What can be the cause of the problem?

- A. DHCP has been set to Auto.
- B. Interface ethernet1/3 is in Layer 2 mode and interface ethernet1/4 is in Layer 3 mode.
- C. Interface ethernet1/3 and ethernet1/4 are in Virtual Wire Mode.
- D. DNS has not been properly configured on the firewall

Answer: B

NEW QUESTION 178

The GlobalProtect Portal interface and IP address have been configured. Which other value needs to be defined to complete the network settings configuration of GlobalProtect Portal?

- A. Server Certificate
- B. Client Certificate
- C. Authentication Profile
- D. Certificate Profile

Answer: A

Explanation:

(<https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Configure-GlobalProtect/ta-p/58351>)

NEW QUESTION 182

Which three options does the WF-500 appliance support for local analysis? (Choose three)

- A. E-mail links
- B. APK files
- C. jar files
- D. PNG files
- E. Portable Executable (PE) files

Answer: ACE

NEW QUESTION 187

After pushing a security policy from Panorama to a PA-3020 firewall, the firewall administrator notices that traffic logs from the PA-3020 are not appearing in Panorama's traffic logs. What could be the problem?

- A. A Server Profile has not been configured for logging to this Panorama device.
- B. Panorama is not licensed to receive logs from this particular firewall.
- C. The firewall is not licensed for logging to this Panorama device.
- D. None of the firewall's policies have been assigned a Log Forwarding profile

Answer: D

NEW QUESTION 189

Support for which authentication method was added in PAN-OS 8.0?

- A. RADIUS
- B. LDAP
- C. Diameter
- D. TACACS+

Answer: D

Explanation:

<https://www.paloaltonetworks.com/resources/datasheets/whats-new-in-pan-os-7-1>

NEW QUESTION 194

A company.com wants to enable Application Override. Given the following screenshot:



Which two statements are true if Source and Destination traffic match the Application Override policy? (Choose two)

- A. Traffic that matches "rtp-base" will bypass the App-ID and Content-ID engines.
- B. Traffic will be forced to operate over UDP Port 16384.
- C. Traffic utilizing UDP Port 16384 will now be identified as "rtp-base".
- D. Traffic utilizing UDP Port 16384 will bypass the App-ID and Content-ID engines.

Answer: AC

NEW QUESTION 196

Which option is an IPv6 routing protocol?

- A. RIPv3
- B. OSPFv3
- C. OSPv3
- D. BGP NG

Answer: B

NEW QUESTION 198

What are two prerequisites for configuring a pair of Palo Alto Networks firewalls in an active/passive High Availability (HA) pair? (Choose two.)

- A. The firewalls must have the same set of licenses.
- B. The management interfaces must be on the same network.
- C. The peer HA1 IP address must be the same on both firewalls.
- D. HA1 should be connected to HA1. Either directly or with an intermediate Layer 2 device.

Answer: AD

NEW QUESTION 203

A network design change requires an existing firewall to start accessing Palo Alto Updates from a data plane interface address instead of the management interface.

Which configuration setting needs to be modified?

- A. Service route
- B. Default route
- C. Management profile
- D. Authentication profile

Answer: A

NEW QUESTION 206

People are having intermittent quality issues during a live meeting via web application.

- A. Use QoS profile to define QoS Classes
- B. Use QoS Classes to define QoS Profile
- C. Use QoS Profile to define QoS Classes and a QoS Policy
- D. Use QoS Classes to define QoS Profile and a QoS Policy

Answer: C

NEW QUESTION 209

A network security engineer needs to configure a virtual router using IPv6 addresses. Which two routing options support these addresses? (Choose two)

- A. BGP not sure
- B. OSPFv3
- C. RIP
- D. Static Route

Answer: BD

Explanation:

<https://live.paloaltonetworks.com/t5/Management-Articles/Does-PAN-OS-Support-Dynamic-Routing-Protocols-OSPF-or-BGP-with/ta-p/62773>

NEW QUESTION 212

In an enterprise deployment, a network security engineer wants to assign to a group of administrators without creating local administrator accounts on the firewall. Which authentication method must be used?

- A. LDAP
- B. Kerberos
- C. Certification based authentication
- D. RADIUS with Vendor-Specific Attributes

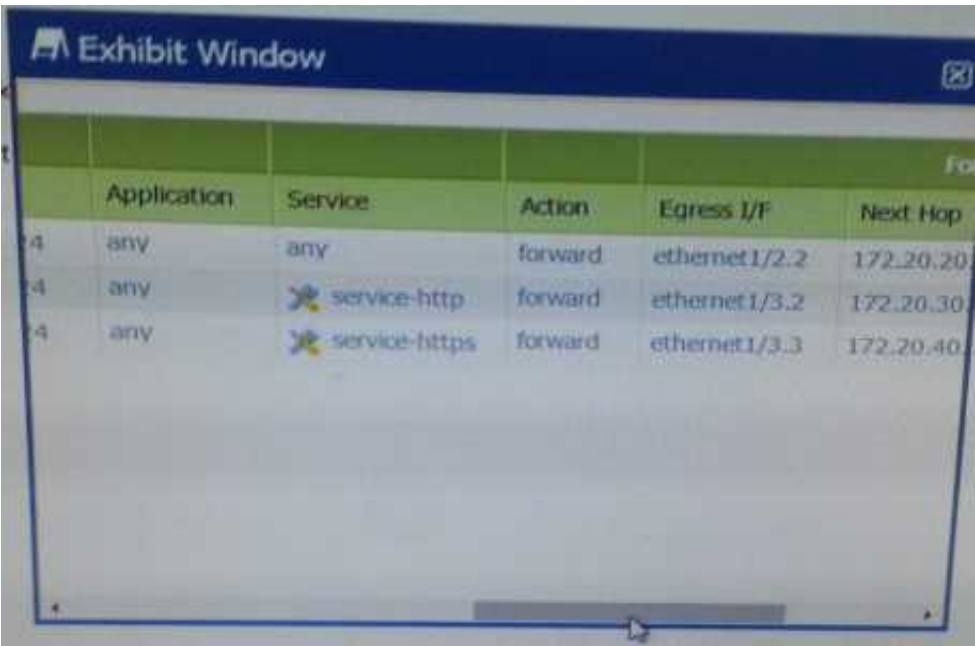
Answer: D

NEW QUESTION 216

Refer to Exhibit:



	Name	Tags	Zone/Interface	Address	User
1	PBF1	none	Trust-L3	192.168.10.0/24	any
2	PBF2	none	Trust-L3	192.168.10.0/24	any
3	PBF3	none	Trust-L3	192.168.10.0/24	Will



	Application	Service	Action	Egress I/F	Next Hop
4	any	any	forward	ethernet1/2.2	172.20.20.1
4	any	service-http	forward	ethernet1/3.2	172.20.30.1
4	any	service-https	forward	ethernet1/3.3	172.20.40.1

A firewall has three PDF rules and a default route with a next hop of 172.29.19.1 that is configured in the default VR. A user named XX-bes a PC with a 192.168.101.10 IP address.

He makes an HTTPS connection to 172.16.10.29.

What is the next hop IP address for the HTTPS traffic from Wills PC.

- A. 172.20.30.1
- B. 172.20.20.1
- C. 172.20.10.1
- D. 172.20.40.1

Answer: B

NEW QUESTION 219

Which Device Group option is assigned by default in Panorama whenever a new device group is created to manage a Firewall?

- A. Master
- B. Universal
- C. Shared
- D. Global

Answer: C

NEW QUESTION 224

Which two actions are required to make Microsoft Active Directory users appear in a firewall traffic log? (Choose two.)

- A. Run the User-ID Agent using an Active Directory account that has "event log viewer" permissions

- B. Enable User-ID on the zone object for the destination zone
- C. Run the User-ID Agent using an Active Directory account that has "domain administrator" permissions
- D. Enable User-ID on the zone object for the source zone
- E. Configure a RADIUS server profile to point to a domain controller

Answer: AD

NEW QUESTION 227

Which field is optional when creating a new Security Policy rule?

- A. Name
- B. Description
- C. Source Zone
- D. Destination Zone
- E. Action

Answer: B

NEW QUESTION 230

YouTube videos are consuming too much bandwidth on the network, causing delays in mission- critical traffic. The administrator wants to throttle YouTube traffic. The following interfaces and zones are in use on the firewall:

* ethernet1/1, Zone: Untrust (Internet-facing)

* ethernet1/2, Zone: Trust (client-facing)

A QoS profile has been created, and QoS has been enabled on both interfaces. A QoS rule exists to put the YouTube application into QoS class 6. Interface Ethernet1/1 has a QoS profile called Outbound, and interface Ethernet1/2 has a QoS profile called Inbound.

Which setting for class 6 with throttle YouTube traffic?

- A. Outbound profile with Guaranteed Ingress
- B. Outbound profile with Maximum Ingress
- C. Inbound profile with Guaranteed Egress
- D. Inbound profile with Maximum Egress

Answer: D

NEW QUESTION 233

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