

## PCNSE Dumps

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

<https://www.certleader.com/PCNSE-dumps.html>



**NEW QUESTION 1**

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

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

**Answer:** AB

**NEW QUESTION 2**

What is the purpose of the firewall decryption broker?

- A. Decrypt SSL traffic and then send it as cleartext to a security chain of inspection tools
- B. Force decryption of previously unknown cipher suites
- C. Inspection traffic within IPsec tunnel
- D. Reduce SSL traffic to a weaker cipher before sending it to a security chain of inspection tools

**Answer:** A

**NEW QUESTION 3**

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 4**

An administrator is defining protection settings on the Palo Alto Networks NGFW to guard against resource exhaustion. When platform utilization is considered, which steps must the administrator take to configure and apply packet buffer protection?

- A. Enable and configure the Packet Buffer protection thresholds.Enable Packet Buffer Protection per ingress zone.
- B. Enable and then configure Packet Buffer thresholdsEnable Interface Buffer protection.
- C. Create and Apply Zone Protection Profiles in all ingress zones.Enable Packet Buffer Protection per ingress zone.
- D. Configure and apply Zone Protection Profiles for all egress zones.Enable Packet Buffer Protection per egress zone.
- E. Enable per-vsys Session Threshold alerts and triggers for Packet Buffer Limits.Enable Zone Buffer Protection per zone.

**Answer:** A

**NEW QUESTION 5**

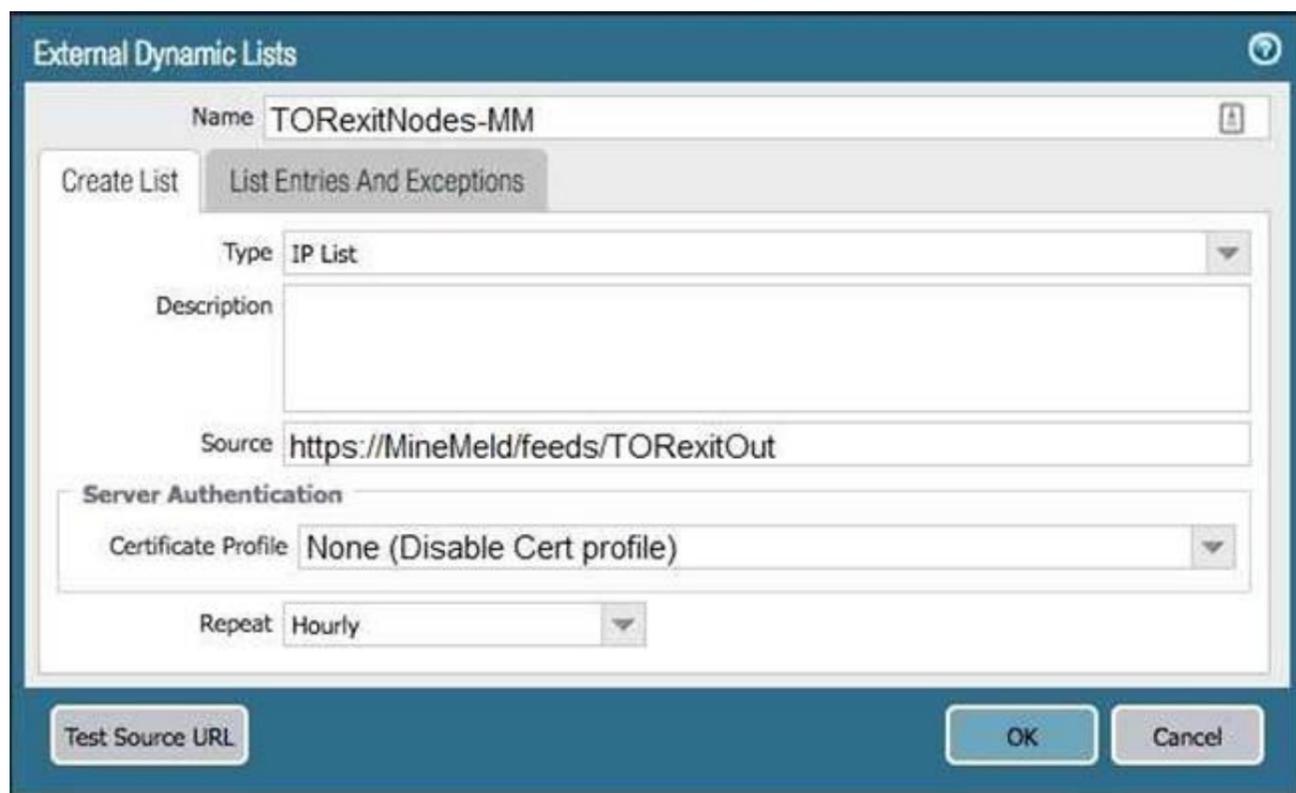
What are the two behavior differences between Highlight Unused Rules and the Rule Usage Hit counter when a firewall is rebooted? (Choose two.)

- 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 6**

The firewall is not downloading IP addresses from MineMeld. Based, on the image, what most likely is wrong?



- A. A Certificate Profile that contains the client certificate needs to be selected.
- B. The source address supports only files hosted with an ftp://<address/file>.
- C. External Dynamic Lists do not support SSL connections.
- D. A Certificate Profile that contains the CA certificate needs to be selected.

**Answer: D**

**NEW QUESTION 7**

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 8**

Which administrative authentication method supports authorization by an external service?

- A. Certificates
- B. LDAP
- C. RADIUS
- D. SSH keys

**Answer: C**

**NEW QUESTION 9**

Which version of GlobalProtect supports split tunneling based on destination domain, client process, and HTTP/HTTPS video streaming application?

- A. GlobalProtect version 4.0 with PAN-OS 8.1
- B. GlobalProtect version 4.1 with PAN-OS 8.1
- C. GlobalProtect version 4.1 with PAN-OS 8.0
- D. GlobalProtect version 4.0 with PAN-OS 8.0

**Answer: B**

**NEW QUESTION 10**

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 10**

Which two actions would be part of an automatic solution that would block sites with untrusted certificates without enabling SSL Forward Proxy? (Choose two.)

- A. Create a no-decrypt Decryption Policy rule.
- B. Configure an EDL to pull IP addresses of known sites resolved from a CRL.
- C. Create a Dynamic Address Group for untrusted sites
- D. Create a Security Policy rule with vulnerability Security Profile attached.
- E. Enable the "Block sessions with untrusted issuers" setting.

**Answer:** AD

**NEW QUESTION 12**

Which CLI command is used to simulate traffic going through the firewall and determine which Security policy rule, NAT translation, static route, or PBF rule will be triggered by the traffic?

- A. check
- B. find
- C. test
- D. sim

**Answer:** C

**Explanation:** Reference: <http://www.shanekillen.com/2014/02/palo-alto-useful-cli-commands.html>

**NEW QUESTION 14**

A customer wants to set up a VLAN interface for a Layer 2 Ethernet port. Which two mandatory options are used to configure a VLAN interface? (Choose two.)

- A. Virtual router
- B. Security zone
- C. ARP entries
- D. Netflow Profile

**Answer:** AB

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/network/network-interfaces/pa-7000-series-layer-2-interface#idd2bcaacc-54b9-4ec9-a1dd-8064499f5b9d>

**NEW QUESTION 19**

An administrator has been asked to configure a Palo Alto Networks NGFW to provide protection against worms and trojans. Which Security Profile type will protect against worms and trojans?

- A. Anti-Spyware
- B. WildFire
- C. Vulnerability Protection
- D. Antivirus

**Answer:** A

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/antivirus-profiles>

**NEW QUESTION 23**

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 25**

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:**

**Explanation:** Reference:

[https://www.paloaltonetworks.com/content/dam/pan/en\\_US/assets/pdf/frame-maker/71/pan-os/pan-os/section\\_5.pdf](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 29**

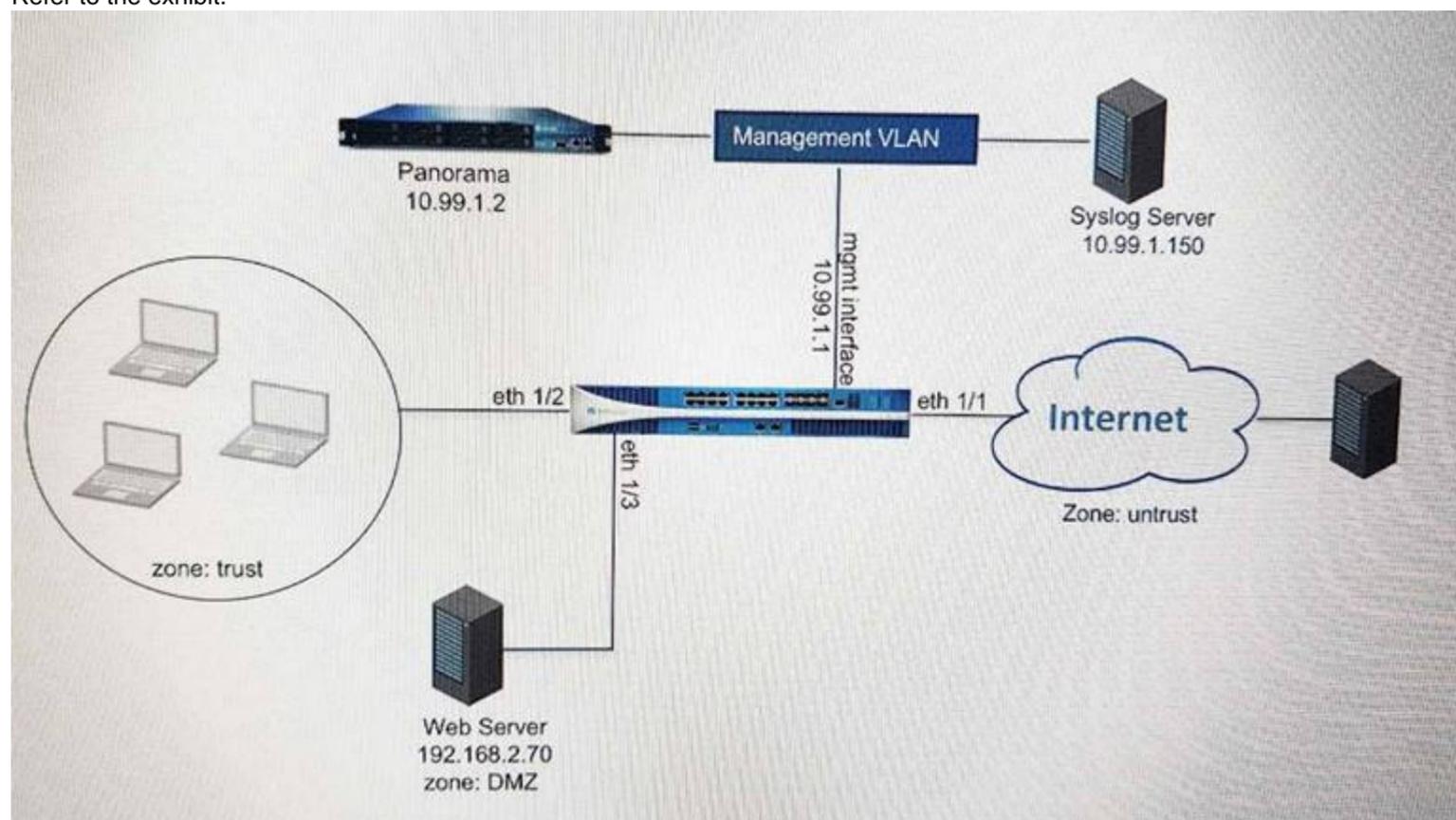
An administrator pushes a new configuration from Panorama to a pair of firewalls that are configured as an active/passive HA pair. Which NGFW receives the configuration from Panorama?

- A. The Passive firewall, which then synchronizes to the active firewall
- B. The active firewall, which then synchronizes to the passive firewall
- C. Both the active and passive firewalls, which then synchronize with each other
- D. Both the active and passive firewalls independently, with no synchronization afterward

**Answer:** C

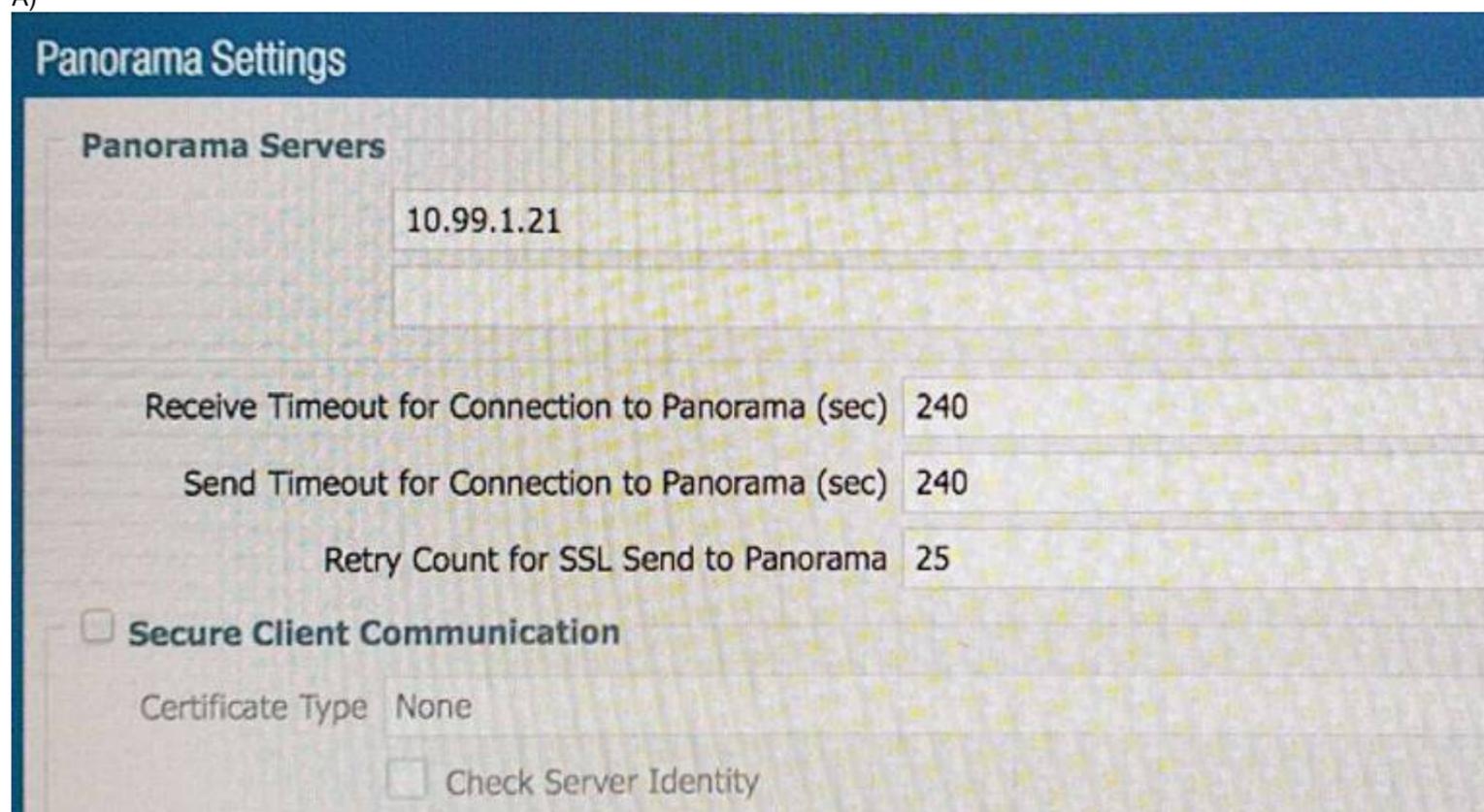
**NEW QUESTION 31**

Refer to the exhibit.

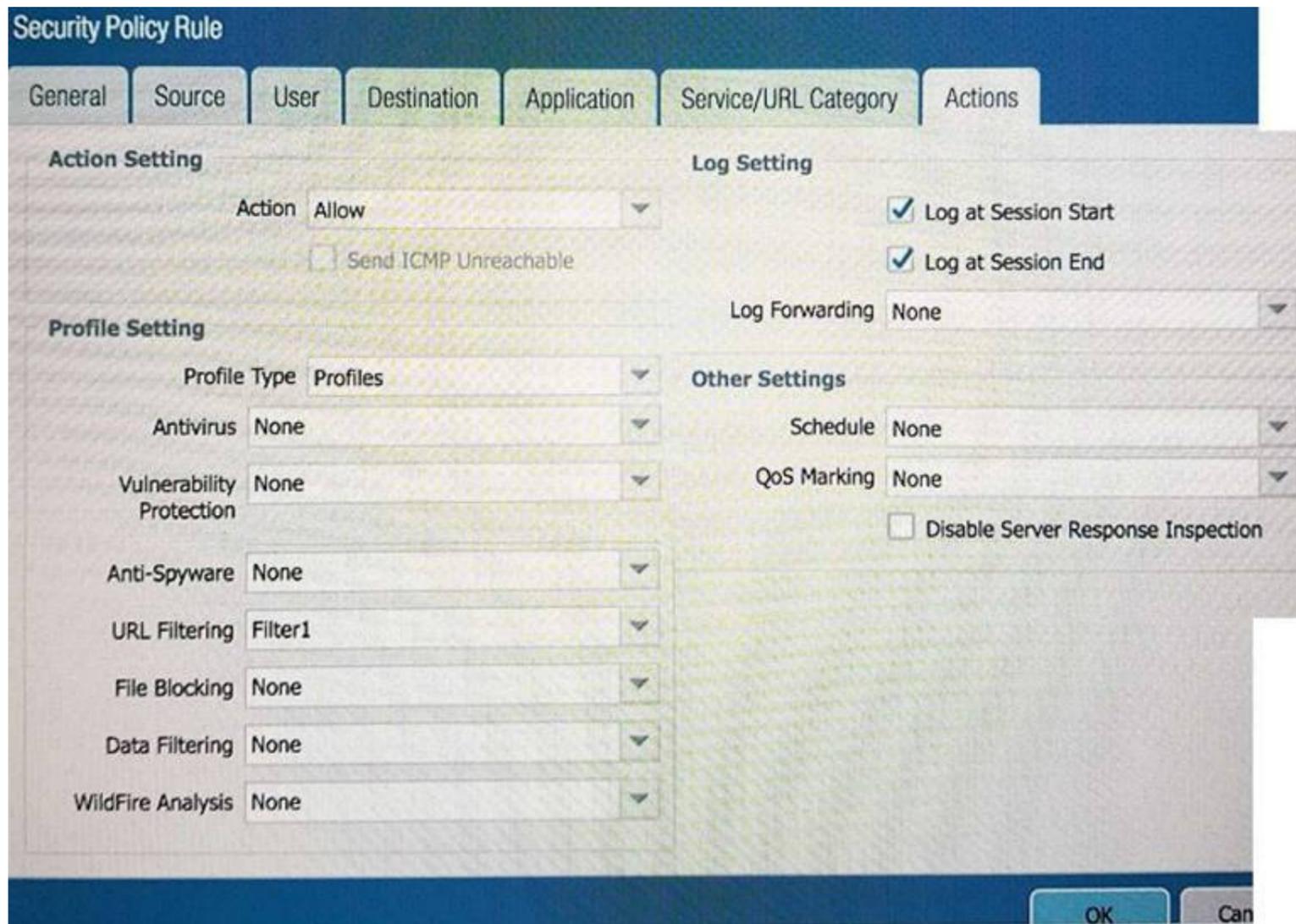


An administrator cannot see any of the Traffic logs from the Palo Alto Networks NGFW on Panorama. The configuration problem seems to be on the firewall side. Where is the best place on the Palo Alto Networks NGFW to check whether the configuration is correct?

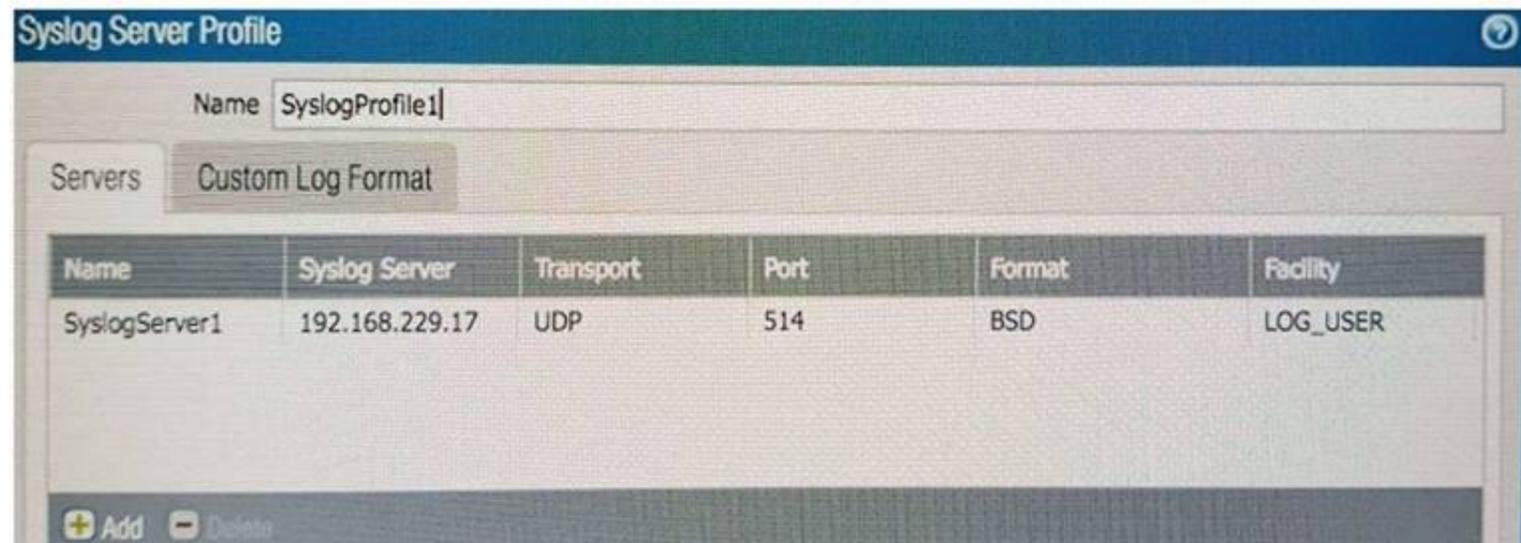
A)



B)



C)



D)

**Panorama Settings**

Receive Timeout for Connection to Device (sec) 240

Send Timeout for Connection to Device (sec) 240

Retry Count for SSL Send to Device 25

Share Unused Address and Service Objects with Devices

Objects defined in ancestors will take higher precedence

**Secure Server Communication**

Custom Certificate Only

SSL/TLS Service Profile None

Certificate Profile None

Authorization List 0 items

Identifier	Type	Value
+ Add - Delete		

Authorize Clients Based on Serial Number

Check Authorization List

Connect Wait Time (min) [0 - 44640]

OK

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer:** D

**NEW QUESTION 32**

How does an administrator schedule an Applications and Threats dynamic update while delaying installation of the update for a certain amount of time?

- A. Configure the option for "Threshold".
- B. Disable automatic updates during weekdays.
- C. Automatically "download only" and then install Applications and Threats later, after the administrator approves the update.
- D. Automatically "download and install" but with the "disable new applications" option used.

**Answer:** A

**NEW QUESTION 33**

Which two virtualization platforms officially support the deployment of Palo Alto Networks VM-Series firewalls? (Choose two.)

- A. Red Hat Enterprise Virtualization (RHEV)
- B. Kernel Virtualization Module (KVM)
- C. Boot Strap Virtualization Module (BSVM)
- D. Microsoft Hyper-V

**Answer:** BD

**Explanation:** Reference: <https://www.paloaltonetworks.com/products/secure-the-network/virtualized-next-generation-firewall/vm-series>

**NEW QUESTION 35**

Which User-ID method maps IP addresses to usernames for users connecting through an 802.1x-enabled wireless network device that has no native integration with PAN-OS® software?

- A. XML API
- B. Port Mapping
- C. Client Probing
- D. Server Monitoring

**Answer:** A

**Explanation:** Captive Portal and the other standard user mapping methods might not work for certain types of user access. For example, the standard methods cannot add mappings of users connecting from a third-party VPN solution or users connecting to a 802.1x-enabled wireless network. For such cases, you can use the PAN-OS XML API to capture login events and send them to the PAN-OS integrated User-ID agent Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/user-id-concepts>

**NEW QUESTION 39**

Which PAN-OS® policy must you configure to force a user to provide additional credentials before he is allowed to access an internal application that contains highly-sensitive business data?

- A. Security policy
- B. Decryption policy
- C. Authentication policy
- D. Application Override policy

**Answer:** C

**NEW QUESTION 44**

A Security policy rule is configured with a Vulnerability Protection Profile and an action of 'Deny'. Which action will this cause configuration on the matched traffic?

- A. The configuration is invalid
- B. The Profile Settings section will be grayed out when the Action is set to "Deny".
- C. The configuration will allow the matched session unless a vulnerability signature is detected
- D. The "Deny" action will supersede the per-severity defined actions defined in the associated Vulnerability Protection Profile.
- E. The configuration is invalid
- F. It will cause the firewall to skip this Security policy rule
- G. A warning will be displayed during a commit.
- H. The configuration is valid
- I. It will cause the firewall to deny the matched session
- J. Any configured Security Profiles have no effect if the Security policy rule action is set to "Deny."

**Answer:** B

**NEW QUESTION 49**

What are two benefits of nested device groups in Panorama? (Choose two.)

- A. Reuse of the existing Security policy rules and objects
- B. Requires configuring both function and location for every device
- C. All device groups inherit settings from the Shared group
- D. Overwrites local firewall configuration

**Answer:** BC

**NEW QUESTION 51**

Which Captive Portal mode must be configured to support MFA authentication?

- A. NTLM
- B. Redirect
- C. Single Sign-On
- D. Transparent

**Answer:** B

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/authentication/configure-multi-factor-authentication>

**NEW QUESTION 53**

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 58**

A web server is hosted in the DMZ, and the server is configured to listen for incoming connections only on TCP port 8080. A Security policy rule allowing access from the Trust zone to the DMZ zone need to be configured to enable web browsing access to the server.

Which application and service need to be configured to allow only cleartext web-browsing traffic to this server on tcp/8080.

- A. application: web-browsing; service: application-default
- B. application: web-browsing; service: service-https
- C. application: ssl; service: any
- D. application: web-browsing; service: (custom with destination TCP port 8080)

**Answer: A**

**NEW QUESTION 63**

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 64**

An administrator needs to optimize traffic to prefer business-critical applications over non-critical applications. QoS natively integrates with which feature to provide service quality?

- A. Port Inspection
- B. Certificate revocation
- C. Content-ID
- D. App-ID

**Answer: D**

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/quality-of-service/qos-for-applications-and-users>

**NEW QUESTION 68**

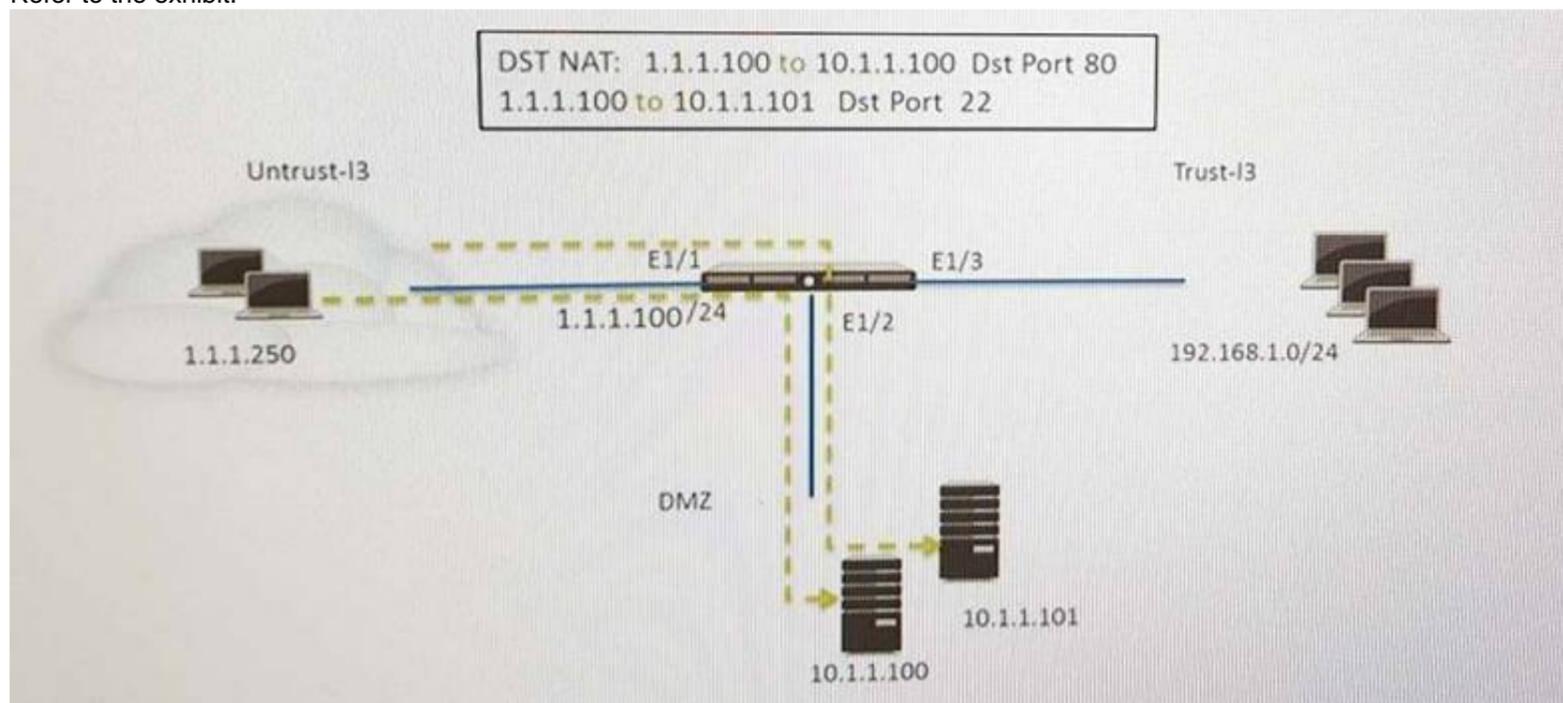
A session in the Traffic log is reporting the application as “incomplete.” What does “incomplete” mean?

- A. The three-way TCP handshake was observed, but the application could not be identified.
- B. The three-way TCP handshake did not complete.
- C. The traffic is coming across UDP, and the application could not be identified.
- D. Data was received but was instantly discarded because of a Deny policy was applied before App-ID could be applied.

**Answer: B**

**NEW QUESTION 69**

Refer to the exhibit.



An administrator is using DNAT to map two servers to a single public IP address. Traffic will be steered to the specific server based on the application, where Host A (10.1.1.100) receives HTTP traffic and HOST B (10.1.1.101) receives SSH traffic.)

Which two security policy rules will accomplish this configuration? (Choose two.)

- A. Untrust (Any) to Untrust (10.1.1.1), web-browsing -Allow
- B. Untrust (Any) to Untrust (10.1.1.1), ssh -Allow
- C. Untrust (Any) to DMZ (10.1.1.1), web-browsing -Allow
- D. Untrust (Any) to DMZ (10.1.1.1), ssh -Allow
- E. Untrust (Any) to DMZ (10.1.1.100.10.1.1.101), ssh, web-browsing -Allow

**Answer:** CD

**NEW QUESTION 70**

Which three settings are defined within the Templates object of Panorama? (Choose three.)

- A. Setup
- B. Virtual Routers
- C. Interfaces
- D. Security
- E. Application Override

**Answer:** ADE

**NEW QUESTION 74**

A customer has an application that is being identified as unknown-top for one of their custom PostgreSQL database connections. Which two configuration options can be used to correctly categorize their custom database application? (Choose two.)

- A. Application Override policy.
- B. Security policy to identify the custom application.
- C. Custom application.
- D. Custom Service object.

**Answer:** BD

**NEW QUESTION 76**

An administrator logs in to the Palo Alto Networks NGFW and reports that the WebUI is missing the Policies tab. Which profile is the cause of the missing Policies tab?

- A. Admin Role
- B. WebUI
- C. Authentication
- D. Authorization

**Answer:** A

**NEW QUESTION 80**

An administrator has left a firewall to use the default port for all management services. Which three functions are performed by the dataplane? (Choose three.)

- A. WildFire updates
- B. NAT
- C. NTP
- D. antivirus E. File blocking

**Answer:** ABC

**NEW QUESTION 83**

A Palo Alto Networks NGFW just submitted a file to WildFire for analysis. Assume a 5-minute window for analysis. The firewall is configured to check for verdicts every 5 minutes.

How quickly will the firewall receive back a verdict?

- A. More than 15 minutes
- B. 5 minutes
- C. 10 to 15 minutes
- D. 5 to 10 minutes

**Answer:** D

**NEW QUESTION 84**

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 89**

Which Palo Alto Networks VM-Series firewall is valid?

- A. VM-25
- B. VM-800
- C. VM-50

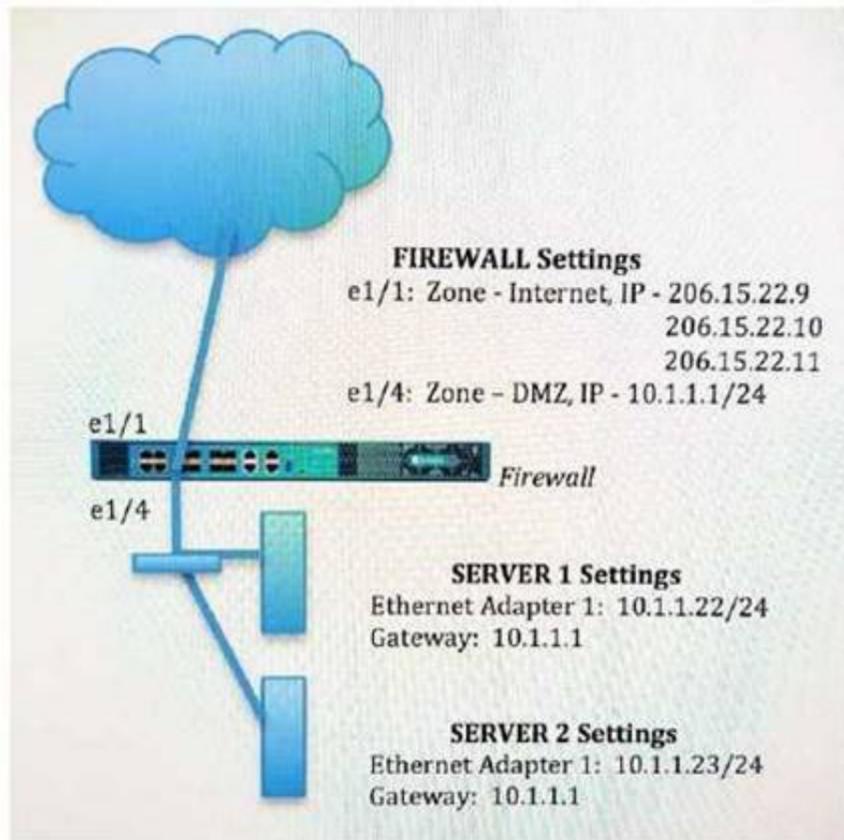
D. VM-400

**Answer:** C

**Explanation:** Reference: <https://www.paloaltonetworks.com/products/secure-the-network/virtualized-next-generation-firewall/vm-series>

**NEW QUESTION 91**

An administrator wants multiple web servers in the DMZ to receive connections initiated from the internet. Traffic destined for 206.15.22.9 port 80/TCP needs to be forwarded to the server at 10.1.1.22



Based on the information shown in the image, which NAT rule will forward web-browsing traffic correctly?

- A)
  - Source IP: Any
  - Destination IP: 206.15.22.9
  - Source Zone: Internet
  - Destination Zone: DMZ
  - Destination Service: 80/TCP
  - Action: Destination NAT
  - Translated IP: 10.2.2.23
  - Translated Port: 53/UDP
- B)
  - Source IP: Any
  - Destination IP: 206.15.22.9
  - Source Zone: Internet
  - Destination Zone: Internet
  - Destination Service: 80/TCP
  - Action: Destination NAT
  - Translated IP: 10.1.1.22
  - Translated Port: 53/UDP
- C)
  - Source IP: Any
  - Destination IP: 206.15.22.9
  - Source Zone: Internet
  - Destination Zone: Internet
  - Destination Service: 80/TCP
  - Action: Destination NAT
  - Translated IP: 10.1.1.22
  - Translated Port: None
- D)

Source IP: Any  
Destination IP: 206.15.22.9  
Source Zone: Internet  
Destination Zone: DMZ  
Destination Service: 80/TCP  
Action: Destination NAT  
Translated IP: 10.1.1.22  
Translated Port: 80/TCP

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer:** D

**NEW QUESTION 92**

Which three file types can be forwarded to WildFire for analysis as a part of the basic WildFire service? (Choose three.)

- A. dll
- B. exe
- C. src
- D. apk
- E. pdf
- F. jar

**Answer:** DEF

**Explanation:** Reference: [https://www.paloaltonetworks.com/documentation/80/wildfire/wf\\_admin/wildfire-overview/wildfire-file-type-support](https://www.paloaltonetworks.com/documentation/80/wildfire/wf_admin/wildfire-overview/wildfire-file-type-support)

**NEW QUESTION 96**

Which event will happen if an administrator uses an Application Override Policy?

- A. Threat-ID processing time is decreased.
- B. The Palo Alto Networks NGFW stops App-ID processing at Layer 4.
- C. The application name assigned to the traffic by the security rule is written to the Traffic log.
- D. App-ID processing time is increased.

**Answer:** B

**Explanation:** Reference: <https://live.paloaltonetworks.com/t5/Learning-Articles/Tips-and-Tricks-How-to-Create-an-Application-Override/ta-p/65513>

**NEW QUESTION 98**

If the firewall is configured for credential phishing prevention using the "Domain Credential Filter" method, which login will be detected as credential theft?

- A. Mapping to the IP address of the logged-in user.
- B. First four letters of the username matching any valid corporate username.
- C. Using the same user's corporate username and password.
- D. Matching any valid corporate username.

**Answer:** A

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/newfeaturesguide/content-inspection-features/credential-phishing-prevention>

**NEW QUESTION 99**

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 102**

Which feature prevents the submission of corporate login information into website forms?

- A. Data filtering
- B. User-ID
- C. File blocking

D. Credential phishing prevention

**Answer:** D

**Explanation:** Reference: <https://www.paloaltonetworks.com/cyberpedia/how-the-next-generation-security-platform-contributes-to-gdpr-compliance>

**NEW QUESTION 104**

Which option is part of the content inspection process?

- A. Packet forwarding process
- B. SSL Proxy re-encrypt
- C. IPsec tunnel encryption
- D. Packet egress process

**Answer:** A

**NEW QUESTION 105**

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 110**

Refer to the exhibit.

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"/>	<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 113**

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 115**

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

- A. ACC
- B. System Logs
- C. App Scope

D. Session Browser

**Answer:** D

**NEW QUESTION 116**

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 117**

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

- A. scp export tcpdump from mgmt.pcap to <username@host:path>
- B. scp extract mgmt-pcap from mgmt.pcap to <username@host:path>
- C. scp export mgmt-pcap from mgmt.pcap to <username@host:path>
- D. download mgmt.-pcap

**Answer:** C

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

**NEW QUESTION 121**

Which CLI command enables an administrator to view details about the firewall including uptime, PAN-OS® version, and serial number?

- A. debug system details
- B. show session info
- C. show system info
- D. show system details

**Answer:** C

**Explanation:** Reference: [https://www.paloaltonetworks.com/content/dam/pan/en\\_US/assets/pdf/technical-documentation/pan-os-60/PAN-OS-6.0-CLI-ref.pdf](https://www.paloaltonetworks.com/content/dam/pan/en_US/assets/pdf/technical-documentation/pan-os-60/PAN-OS-6.0-CLI-ref.pdf)

**NEW QUESTION 126**

During the packet flow process, which two processes are performed in application identification? (Choose two.)

- A. Pattern based application identification
- B. Application override policy match
- C. Application changed from content inspection
- D. Session application identified.

**Answer:** BD

**NEW QUESTION 127**

Which tool provides an administrator the ability to see trends in traffic over periods of time, such as threats detected in the last 30 days?

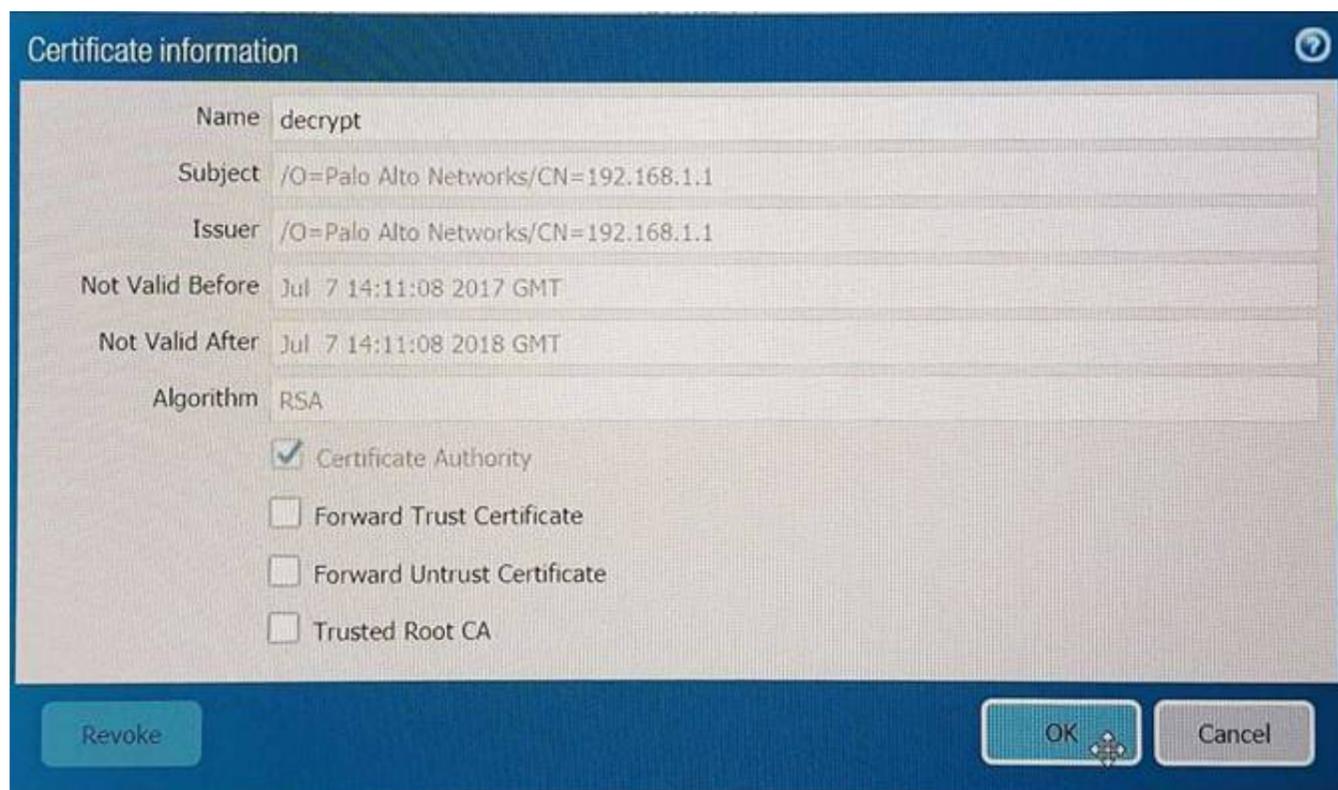
- A. Session Browser
- B. Application Command Center
- C. TCP Dump
- D. Packet Capture

**Answer:** B

**Explanation:** Reference: <https://live.paloaltonetworks.com/t5/Management-Articles/Tips-and-Tricks-How-to-Use-the-Application-Command-Center-ACC/ta-p/67342>

**NEW QUESTION 131**

The certificate information displayed in the following image is for which type of certificate? Exhibit:



- A. Forward Trust certificate
- B. Self-Signed Root CA certificate
- C. Web Server certificate
- D. Public CA signed certificate

**Answer: D**

**NEW QUESTION 136**

Which three steps will reduce the CPU utilization on the management plane? (Choose three.)

- A. Disable SNMP on the management interface.
- B. Application override of SSL application.
- C. Disable logging at session start in Security policies.
- D. Disable predefined reports.
- E. Reduce the traffic being decrypted by the firewall.

**Answer: CD**

**NEW QUESTION 139**

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

**NEW QUESTION 143**

An administrator sees several inbound sessions identified as unknown-tcp in the Traffic logs. The administrator determines that these sessions are from external users accessing the company's proprietary accounting application. The administrator wants to reliably identify this traffic as their accounting application and to scan this traffic for threats.

Which option would achieve this result?

- A. Create a custom App-ID and enable scanning on the advanced tab.
- B. Create an Application Override policy.
- C. Create a custom App-ID and use the "ordered conditions" check box.
- D. Create an Application Override policy and custom threat signature for the application.

**Answer: A**

**NEW QUESTION 144**

The administrator has enabled BGP on a virtual router on the Palo Alto Networks NGFW, but new routes do not seem to be populating the virtual router. Which two options would help the administrator troubleshoot this issue? (Choose two.)

- A. View the System logs and look for the error messages about BGP.
- B. Perform a traffic pcap on the NGFW to see any BGP problems.
- C. View the Runtime Stats and look for problems with BGP configuration.
- D. View the ACC tab to isolate routing issues.

**Answer:** CD

**NEW QUESTION 149**

Which virtual router feature determines if a specific destination IP address is reachable?

- A. Heartbeat Monitoring
- B. Failover
- C. Path Monitoring
- D. Ping-Path

**Answer:** C

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/pbf>

**NEW QUESTION 153**

An administrator has a requirement to export decrypted traffic from the Palo Alto Networks NGFW to a third-party, deep-level packet inspection appliance. Which interface type and license feature are necessary to meet the requirement?

- A. Decryption Mirror interface with the Threat Analysis license
- B. Virtual Wire interface with the Decryption Port Export license
- C. Tap interface with the Decryption Port Mirror license
- D. Decryption Mirror interface with the associated Decryption Port Mirror license

**Answer:** D

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/decryption-mirroring>

**NEW QUESTION 155**

When is the content inspection performed in the packet flow process?

- A. after the application has been identified
- B. before session lookup
- C. before the packet forwarding process
- D. after the SSL Proxy re-encrypts the packet

**Answer:** A

**Explanation:** Reference:  
<https://live.paloaltonetworks.com/t5/Learning-Articles/Packet-Flow-Sequence-in-PAN-OS/ta-p/56081>

**NEW QUESTION 160**

An administrator has created an SSL Decryption policy rule that decrypts SSL sessions on any port. Which log entry can the administrator use to verify that sessions are being decrypted?

- A. In the details of the Traffic log entries
- B. Decryption log
- C. Data Filtering log
- D. In the details of the Threat log entries

**Answer:** A

**Explanation:** Reference: <https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Implement-and-Test-SSL-Decryption/ta-p/59719>

**NEW QUESTION 165**

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 166**

A web server is hosted in the DMZ and the server is configured to listen for incoming connections on TCP port 443. A Security policies rules allowing access from the Trust zone to the DMZ zone needs to be configured to allow web-browsing access. The web server hosts its contents over HTTP(S). Traffic from Trust to DMZ is being decrypted with a Forward Proxy rule.

Which combination of service and application, and order of Security policy rules, needs to be configured to allow cleartext web- browsing traffic to this server on tcp/443.

- A. Rule #1: application: web-browsing; service: application-default; action: allow Rule #2: application: ssl; service: application-default; action: allow
- B. Rule #1: application: web-browsing; service: service-https; action: allow Rule #2: application: ssl; service: application-default; action: allow
- C. Rule # 1: application: ssl; service: application-default; action: allowRule #2: application: web-browsing; service: application-default; action: allow
- D. Rule #1: application: web-browsing; service: service-http; action: allow Rule #2: application: ssl; service: application-default; action: allow

**Answer: A**

**NEW QUESTION 169**

Which two options prevent the firewall from capturing traffic passing through it? (Choose two.)

- A. The firewall is in multi-vsyt mode.
- B. The traffic is offloaded.
- C. The traffic does not match the packet capture filter.
- D. The firewall's DP CPU is higher than 50%.

**Answer: BC**

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/monitoring/take-packet-captures/disable-hardware-offload>

**NEW QUESTION 170**

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 171

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 174

Which User-ID method should be configured to map IP addresses to usernames for users connected through a terminal server?

- A. port mapping
- B. server monitoring
- C. client probing
- D. XFF headers

**Answer:** A

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/configure-user-mapping-for-terminal-server-users>

#### NEW QUESTION 175

The firewall identifies a popular application as an unknown-tcp. Which two options are available to identify the application? (Choose two.)

- A. Create a custom application.
- B. Create a custom object for the custom application server to identify the custom application.
- C. Submit an Apple-ID request to Palo Alto Networks.
- D. Create a Security policy to identify the custom application.

**Answer:** AB

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/app-id/use-application-objects-in-policy/create-a-custom-application>

#### NEW QUESTION 180

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. Define a custom App-ID to ensure that only legitimate application traffic reaches the server.
- B. Add a Vulnerability Protection Profile to block the attack.
- C. Add QoS Profiles to throttle incoming requests.
- D. Add a DoS Protection Profile with defined session count.

**Answer:** D

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

#### NEW QUESTION 182

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 184**

Which CLI command enables an administrator to check the CPU utilization of the dataplane?

- A. show running resource-monitor
- B. debug data-plane dp-cpu
- C. show system resources
- D. debug running resources

**Answer:** A

**NEW QUESTION 187**

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 191**

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 196**

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 201**

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 203**

Which three authentication factors does PAN-OS® software support for MFA (Choose three.)

- A. Push
- B. Pull
- C. Okta Adaptive
- D. Voice E.SMS

**Answer:** AD

**Explanation:** Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/authentication/configure-multi-factor-authentication>

**NEW QUESTION 206**

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. Replay
- C. Web Application
- D. DoS Protection

**Answer:** A

**NEW QUESTION 207**

An administrator deploys PA-500 NGFWs as an active/passive high availability pair. The devices are not participating in dynamic routing and preemption is disabled.

What must be verified to upgrade the firewalls to the most recent version of PAN-OS software?

- A. Wildfire update package
  - B. User-ID agent
  - C. Anti virus update package
  - D. Application and Threats update package
- Explanation:

**Answer:** D

**Explanation:**

Dependencies : Before upgrade, make sure the firewall is running a version of app + threat (content version) that meets the minimum requirement of the new PAN-OS Upgrade. Reference: [https://live.paloaltonetworks.com/t5/Featured-Articles/Best-Practices-for-PAN-OS- Upgrade/ta-p/111045](https://live.paloaltonetworks.com/t5/Featured-Articles/Best-Practices-for-PAN-OS-Upgrade/ta-p/111045)

**NEW QUESTION 210**

A customer wants to set up a site-to-site VPN using tunnel interfaces? Which two formats are correct for naming tunnel interfaces? (Choose two.)

- A. Vpn-tunnel.1024
- B. vpn-tunne.1
- C. tunnel 1025
- D. tunne
- E. 1

**Answer:** CD

**NEW QUESTION 214**

A company wants to install a PA-3060 firewall between two core switches on a VLAN trunk link. They need to assign each VLAN to its own zone and to assign untagged (native) traffic to its own zone which options differentiates multiple VLAN into separate zones?

- A. Create VLAN objects for each VLAN and assign VLAN interfaces matching each VLAN I
- B. Repeat forevery additional VLANand use a VLAN ID of 0 for untagged traffi
- C. Assign each interface/subinterface to a unique zone.
- D. Create V-Wire objects with two V-Wire sub interface and assign only a single VLAN ID to the "Tag Allowed field one of the V-Wire object Repeat for every additional VLAN and use a VIAN ID of 0 for untagged traffi
- E. Assign each interface/subinterfaceto a unique zone.
- F. Create V-Wire objects with two V-Wire interfaces and define a range "0- 4096" in the "Tag Allowed filed of the V-Wire object.
- G. Create Layer 3 sub interfaces that are each assigned to a single VLAN ID and a common virtual route
- H. The physical Layer 3interface would handle untagged traffi
- I. Assign each interface /subinterface to a unique zon
- J. Do not assign any interface anIP address

**Answer:** C

**NEW QUESTION 219**

An administrator sees several inbound sessions identified as unknown-tcp in the traffic logs. The administrator determines that these sessions are from external users accessing the company's proprietary accounting application. The administrator wants to reliably identify this as their accounting application and to scan this traffic for threats. Which option would achieve this result?

- A. Create an Application Override policy and a custom threat signature for the application
- B. Create an Application Override policy
- C. Create a custom App-ID and use the "ordered conditions" check box
- D. Create a custom App ID and enable scanning on the advanced tab

**Answer:** A

**NEW QUESTION 223**

Which logs enable a firewall administrator to determine whether a session was decrypted?

- A. Correlated Event
- B. Traffic
- C. Decryption
- D. Security Policy

**Answer:** B

**NEW QUESTION 228**

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 231**

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

**Answer: B**

**NEW QUESTION 236**

Which two features does PAN-OS® software use to identify applications? (Choose two)

- A. port number
- B. session number
- C. transaction characteristics
- D. application layer payload

**Answer: CD**

**NEW QUESTION 239**

Which log file can be used to identify SSL decryption failures?

- A. Configuration
- B. Threats
- C. ACC
- D. Traffic

**Answer: C**

**NEW QUESTION 240**

Which three firewall states are valid? (Choose three)

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

**Answer: ABC**

**NEW QUESTION 244**

An administrator wants to upgrade an NGFW from PAN-OS® 7 .1. 2 to PAN-OS® 8 .0.2 The firewall is not a part of an HA pair. What needs to be updated first?

- A. XML Agent
- B. Applications and Threats
- C. WildFire
- D. PAN-OS® Upgrade Agent

**Answer: B**

**NEW QUESTION 248**

Which is the maximum number of samples that can be submitted to WildFire per day, based on wildfire subscription?

- A. 15,000
- B. 10,000
- C. 75,00
- D. 5,000

**Answer: B**

**NEW QUESTION 251**

An administrator has configured a QoS policy rule and a QoS profile that limits the maximum allowable bandwidth for the YouTube application. However , YouTube is consuming more than the maximum bandwidth allotment configured.

Which configuration step needs to be configured to enable QoS?

- A. Enable QoS Data Filtering Profile
- B. Enable QoS monitor
- C. Enable QoS interface
- D. Enable QoS in the interface Management Profile.

**Answer: C**

**NEW QUESTION 252**

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 256**

When configuring the firewall for packet capture, what are the valid stage types?

- A. Receive, management , transmit , and drop
- B. Receive , firewall, send , and non-syn
- C. Receive management , transmit, and non-syn
- D. Receive , firewall, transmit, and drop

**Answer: D**

**NEW QUESTION 260**

Which User-ID method maps IP address to usernames for users connecting through a web proxy that has already authenticated the user?

- A. Client Probing
- B. Port mapping
- C. Server monitoring
- D. Syslog listening

**Answer: D**

**NEW QUESTION 261**

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 265**

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 269**

An administrator just submitted a newly found piece of spyware for WildFire analysis. The spyware passively monitors behavior without the user's knowledge. What is the expected verdict from WildFire?

- A. Gray ware
- B. Malware
- C. Spyware
- D. Phishing

**Answer: A**

**NEW QUESTION 271**

When backing up and saving configuration files, what is achieved using only the firewall and is not available in Panorama?

- A. Load named configuration snapshot
- B. Load configuration version
- C. Save candidate config
- D. Export device state

**Answer:** A

**NEW QUESTION 276**

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 281**

Where can an administrator see both the management plane and data plane CPU utilization in the WebUI?

- A. System log
- B. CPU Utilization widget
- C. Resources widget
- D. System Utilization log

**Answer:** C

**NEW QUESTION 284**

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:** D

**NEW QUESTION 289**

Which option enables a Palo Alto Networks NGFW administrator to schedule Application and Threat updates while applying only new content-IDs to traffic?

- A. Select download-and-install.
- B. Select download-and-install, with "Disable new apps in content update" selected.
- C. Select download-only.
- D. Select disable application updates and select "Install only Threat updates"

**Answer:** C

**NEW QUESTION 291**

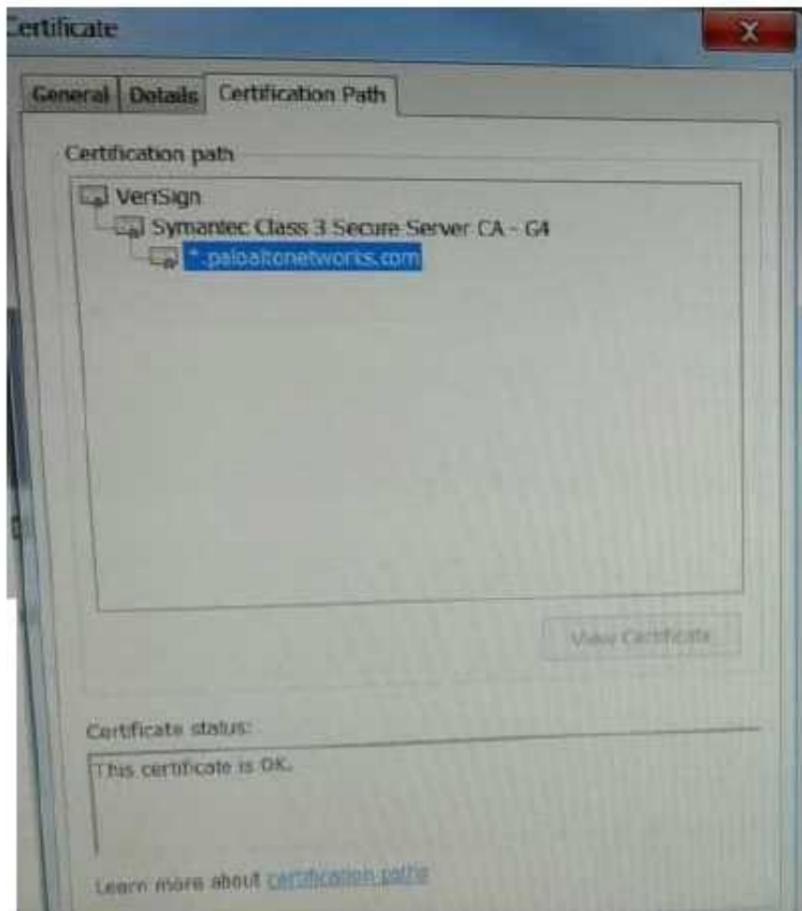
Which two settings can be configured only locally on the firewall and not pushed from a Panorama template or template stack? (Choose two)

- A. HA1 IP Address
- B. Network Interface Type
- C. Master Key
- D. Zone Protection Profile

**Answer:** AB

**NEW QUESTION 293**

Based on the following image,



what is the correct path of root, intermediate, and end-user certificate?

- A. Palo Alto Networks > Symantec > VeriSign
- B. Symantec > VeriSign > Palo Alto Networks
- C. VeriSign > Palo Alto Networks > Symantec
- D. VeriSign > Symantec > Palo Alto Networks

**Answer: D**

**NEW QUESTION 298**

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 302**

Given the following table.

Destination	Next Hop	Flags	Age	Interface
10.66.22.0/23	10.66.22.80	A C		ethernet1/5
10.66.22.80/32	0.0.0.0	A H		
10.66.24.0/23	0.0.0.0	R		ethernet1/3
10.66.24.0/23	0.0.0.0	Oi	19567	ethernet1/3
10.66.24.0/23	10.66.24.80	A C		ethernet1/3
10.66.24.80/32	0.0.0.0	A H		
192.168.80.0/24	192.168.80.1	A C		ethernet1/4
192.168.80.1/32	0.0.0.0	A H		
192.168.93.0/30	10.66.24.88	R		ethernet1/3
192.168.93.0/30	10.66.24.93	A Oi	600	ethernet1/3

Which configuration change on the firewall would cause it to use 10.66.24.88 as the next hop for the 192.168.93.0/30 network?

- A. Configuring the administrative Distance for RIP to be lower than that of OSPF Int.
- B. Configuring the metric for RIP to be higher than that of OSPF Int.
- C. Configuring the administrative Distance for RIP to be higher than that of OSPF Ext.
- D. Configuring the metric for RIP to be lower than that OSPF Ext.

**Answer:** A

**NEW QUESTION 304**

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 305**

A logging infrastructure may need to handle more than 10,000 logs per second. Which two options support a dedicated log collector function? (Choose two)

- A. Panorama virtual appliance on ESX(i) only
- B. M-500
- C. M-100 with Panorama installed
- D. M-100

**Answer:** BC

**Explanation:** (<https://live.paloaltonetworks.com/t5/Management-Articles/Panorama-Sizing-and-Design-Guide/ta-p/72181>)

**NEW QUESTION 307**

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 309**

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 310**

A network Administrator needs to view the default action for a specific spyware signature. The administrator follows the tabs and menus through Objects> Security Profiles> Anti-Spyware and select default profile.

What should be done next?

- A. Click the simple-critical rule and then click the Action drop-down list.
- B. Click the Exceptions tab and then click show all signatures.
- C. View the default actions displayed in the Action column.
- D. Click the Rules tab and then look for rules with "default" in the Action column.

**Answer:** B

**NEW QUESTION 313**

Which two statements are correct for the out-of-box configuration for Palo Alto Networks NGFWs? (Choose two)

- A. The devices are pre-configured with a virtual wire pair out the first two interfaces.
- B. The devices are licensed and ready for deployment.
- C. The management interface has an IP address of 192.168.1.1 and allows SSH and HTTPS connections.
- D. A default bidirectional rule is configured that allows Untrust zone traffic to go to the Trust zone.
- E. The interface are pingable.

**Answer:** BC

**NEW QUESTION 315**

Click the Exhibit button



An administrator has noticed a large increase in bittorrent activity. The administrator wants to determine where the traffic is going on the company. What would be the administrator's next step?

- A. Right-Click on the bittorrent link and select Value from the context menu
- B. Create a global filter for bittorrent traffic and then view Traffic logs.
- C. Create local filter for bittorrent traffic and then view Traffic logs.
- D. Click on the bittorrent application link to view network activity

**Answer: D**

**NEW QUESTION 320**

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 been 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 324**

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 327**

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

- A. Forward
- B. Block
- C. Alert
- 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> <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>

**NEW QUESTION 332**

Which setting allow a DOS protection profile to limit the maximum concurrent sessions from a source IP address?

- A. Set the type to Aggregate, clear the session's box and set the Maximum concurrent Sessions to 4000.
- B. Set the type to Classified, clear the session's box and set the Maximum concurrent Sessions to 4000.
- C. Set the type Classified, check the Sessions box and set the Maximum concurrent Sessions to 4000.

D. Set the type to aggregate, check the Sessions box and set the Maximum concurrent Sessions to 4000.

**Answer: C**

**NEW QUESTION 335**

A company has a pair of Palo Alto Networks firewalls configured as an Active/Passive High Availability (HA) pair. What allows the firewall administrator to determine the last date a failover event occurred?

- A. From the CLI issue use the show System log
- B. Apply the filter subtype eq ha to the System log
- C. Apply the filter subtype eq ha to the configuration log
- D. Check the status of the High Availability widget on the Dashboard of the GUI

**Answer: B**

**NEW QUESTION 340**

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 | 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 344**

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

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

**Answer: C**

**NEW QUESTION 349**

Which three log-forwarding destinations require a server profile to be configured? (Choose three)

- A. SNMP Trap
- B. Email
- C. RADIUS
- D. Kerberos
- E. Panorama
- F. Syslog

**Answer: ABF**

**NEW QUESTION 351**

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 355**

An Administrator is configuring an IPSec VPN to a Cisco ASA at the administrator's home and experiencing issues completing the connection. The following is the output from the command:

less mp-log ikemgr.log:

```
less mp-log ikemgr.log:
```

```
2014-08-05 03:51:41 [INFO]: IPsec-SA request for 108.81.64.59 queued since no phase1 found
2014-08-05 03:51:41 [PROTO_NOTIFY]: <----> PHASE-1 NEGOTIATION STARTED AS INITIATOR, MAIN MODE <---->
<----> Initiated SA: 69.15.96.53[500]-108.81.64.59[500] cookie:09e85260f28f4e15:0000000000000000 <---->
2014-08-05 03:52:33 [PROTO_NOTIFY]: <----> PHASE-1 NEGOTIATION FAILED AS INITIATOR, MAIN MODE <---->
<----> Failed SA: 69.15.96.53[500]-108.81.64.59[500] cookie:09e85260f28f4e15:0000000000000000 <----> Due to
timeout.
2014-08-05 03:52:33 [INFO]: <----> PHASE-1 SA DELETED <---->
<----> Deleted SA: 69.15.96.53[500]-108.81.64.59[500] cookie:09e85260f28f4e15:0000000000000000 <---->
2014-08-05 03:53:02 [INFO]: IPsec-SA request for 108.81.64.59 queued since no phase1 found
2014-08-05 03:53:02 [PROTO_NOTIFY]: <----> PHASE-1 NEGOTIATION STARTED AS INITIATOR, MAIN MODE <---->
<----> Initiated SA: 69.15.96.53[500]-108.81.64.59[500] cookie:53351420a9a1aa47:0000000000000000 <---->
2014-08-05 03:53:54 [PROTO_NOTIFY]: <----> PHASE-1 NEGOTIATION FAILED AS INITIATOR, MAIN MODE <---->
<----> Failed.SA: 69.15.96.53[500]-108.81.64.59[500] cookie:53351420a9a1aa47:0000000000000000 <----> Due to
timeout.
2014-08-05 03:53:54 [INFO]: <----> PHASE-1 SA DELETED <---->
```

What could be the cause of this problem?

- A. The public IP addresses do not match for both the Palo Alto Networks Firewall and the ASA.
- B. The Proxy IDs on the Palo Alto Networks Firewall do not match the settings on the ASA.
- C. The shared secrets do not match between the Palo Alto firewall and the ASA
- D. The dead peer detection settings do not match between the Palo Alto Networks Firewall and the ASA

**Answer: B**

#### NEW QUESTION 357

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

#### NEW QUESTION 361

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 access <https://www.youtube.com> in a web browser, they get an error indicating 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

**Answer: C**

#### NEW QUESTION 364

The IT department has received complaints about VoIP call jitter when the sales staff is making or receiving calls. QoS is enabled on all firewall interfaces, but there is no QoS policy written in the rulebase. The IT manager wants to find out what traffic is causing the jitter in real time when a user reports the jitter.

Which feature can be used to identify, in real time, the applications taking up the most bandwidth?

- A. QoS Statistics
- B. Applications Report
- C. Application Command Center (ACC)
- D. QoS Log

**Answer: A**

#### NEW QUESTION 368

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 371**

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

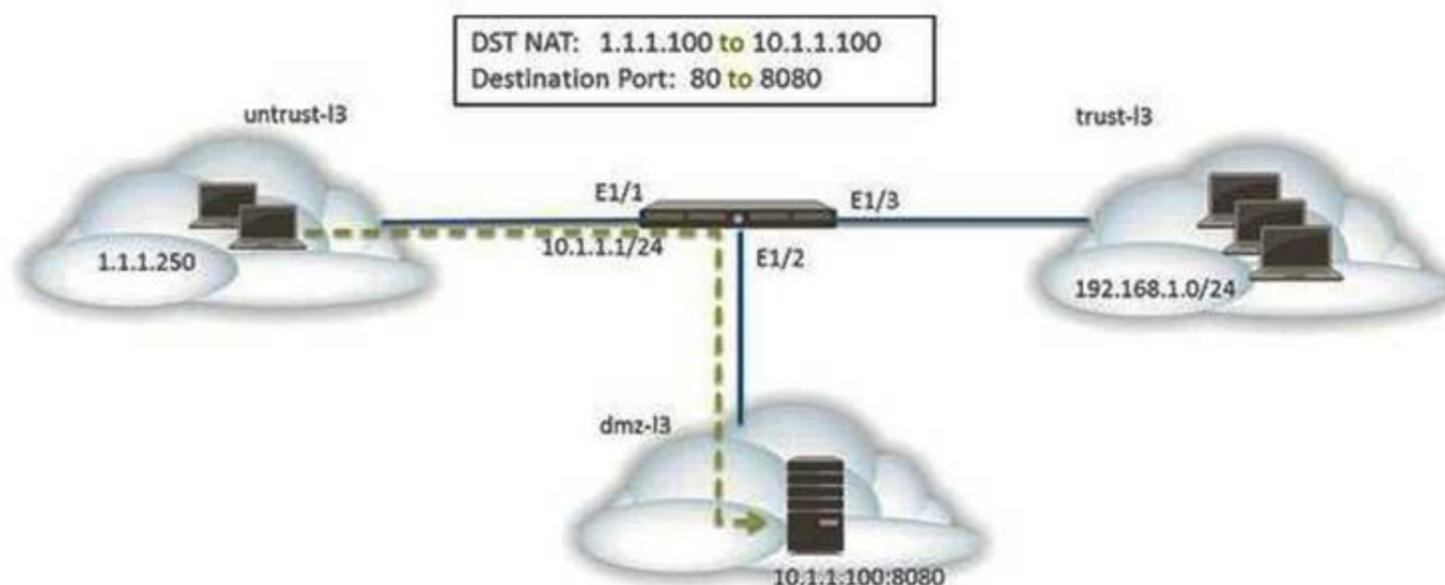
- A. From the Panorama tab of the Panorama GUI select Log Collector mode and then commit changes
- B. Enter the command request system system-mode logger then enter Y to confirm the change to Log Collector mode.
- C. From the Device tab of the Panorama GUI select Log Collector mode and then commit changes.
- 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](https://www.paloaltonetworks.com/documentation/60/panorama/panorama_adminguide/set-up-panorama/set-up-the-m-100-appliance))

**NEW QUESTION 373**

The web server is configured to listen for HTTP traffic on port 8080. The clients access the web server using the IP address 1.1.1.100 on TCP Port 80. The destination NAT rule is configured to translate both IP address and report to 10.1.1.100 on TCP Port 8080.



Which NAT and security rules must be configured on the firewall? (Choose two)

- A. A security policy with a source of any from untrust-I3 Zone to a destination of 10.1.1.100 in dmz-I3 zone using web-browsing application
- B. A NAT rule with a source of any from untrust-I3 zone to a destination of 10.1.1.100 in dmz-zone using service-http service.
- C. A NAT rule with a source of any from untrust-I3 zone to a destination of 1.1.1.100 in untrust-I3 zone using service-http service.
- D. A security policy with a source of any from untrust-I3 zone to a destination of 1.1.100 in dmz-I3 zone using web-browsing application.

**Answer:** BD

**NEW QUESTION 378**

A firewall administrator has completed most of the steps required to provision a standalone Palo Alto Networks Next-Generation Firewall. As a final step, the administrator wants to test one of the security policies.

Which CLI command syntax will display the rule that matches the test?

- A. test security -policy- match source <ip\_address> destination <IP\_address> destination port <port number> protocol <protocol number>
- B. show security rule source <ip\_address> destination <IP\_address> destination port <port number> protocol <protocol number>
- C. test security rule source <ip\_address> destination <IP\_address> destination port <port number> protocol <protocol number>
- D. show security-policy-match source <ip\_address> destination <IP\_address> destination port <port number> protocol <protocol number>test security-policy-match source

**Answer:** A

**Explanation:** test security-policy-match source <source IP> destination <destination IP> protocol <protocol number>

<https://live.paloaltonetworks.com/t5/Management-Articles/How-to-Test-Which-Security-Policy- Applies-to-a-Traffic-Flow/ta-p/53693>

**NEW QUESTION 380**

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 385**

A network security engineer is asked to perform a Return Merchandise Authorization (RMA) on a firewall. Which part of files needs to be imported back into the replacement firewall that is using Panorama?

- A. Device state and license files

- B. Configuration and serial number files
- C. Configuration and statistics files
- D. Configuration and Large Scale VPN (LSVPN) setups file

**Answer:** A

**NEW QUESTION 389**

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 392**

Company.com has an in-house application that the Palo Alto Networks device doesn't identify correctly. A Threat Management Team member has mentioned that this in-house application is very sensitive and all traffic being identified needs to be inspected by the Content-ID engine.

Which method should company.com use to immediately address this traffic on a Palo Alto Networks device?

- A. Create a custom Application without signatures, then create an Application Override policy that includes the source, Destination, Destination Port/Protocol and Custom Application of the traffic.
- B. Wait until an official Application signature is provided from Palo Alto Networks.
- C. Modify the session timer settings on the closest referenced application to meet the needs of the in-house application
- D. Create a Custom Application with signatures matching unique identifiers of the in-house application traffic

**Answer:** D

**NEW QUESTION 393**

What must be used in Security Policy Rule that contain addresses where NAT policy applies?

- A. Pre-NAT addresses and Pre-NAT zones
- B. Post-NAT addresses and Post-Nat zones
- C. Pre-NAT addresses and Post-Nat zones
- D. Post-Nat addresses and Pre-NAT zones

**Answer:** C

**NEW QUESTION 394**

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 398**

A network security engineer has been asked to analyze Wildfire activity. However, the Wildfire Submissions item is not visible from the Monitor tab. What could cause this condition?

- A. The firewall does not have an active WildFire subscription.
- B. The engineer's account does not have permission to view WildFire Submissions.
- C. A policy is blocking WildFire Submission traffic.
- D. Though WildFire is working, there are currently no WildFire Submissions log entries.

**Answer:** B

**NEW QUESTION 401**

A network administrator uses Panorama to push security policies to managed firewalls at branch offices. Which policy type should be configured on Panorama if the administrators at the branch office sites to override these products?

- A. Pre Rules
- B. Post Rules
- C. Explicit Rules
- D. Implicit Rules

**Answer:** A

**NEW QUESTION 406**

Which three function are found on the dataplane of a PA-5050? (Choose three)

- A. Protocol Decoder
- B. Dynamic routing
- C. Management
- D. Network Processing
- E. Signature Match

**Answer:** BDE

**NEW QUESTION 409**

What can missing SSL packets when performing a packet capture on dataplane interfaces?

- A. The packets are hardware offloaded to the offloaded processor on the dataplane
- B. The missing packets are offloaded to the management plane CPU
- C. The packets are not captured because they are encrypted
- D. There is a hardware problem with offloading FPGA on the management plane

**Answer:** A

**NEW QUESTION 411**

Which Security Policy Rule configuration option disables antivirus and anti-spyware scanning of server-to-client flows only?

- A. Disable Server Response Inspection
- B. Apply an Application Override
- C. Disable HIP Profile
- D. Add server IP Security Policy exception

**Answer:** A

**NEW QUESTION 413**

A firewall administrator is troubleshooting problems with traffic passing through the Palo Alto Networks firewall. Which method shows the global counters associated with the traffic after configuring the appropriate packet filters?

- A. From the CLI, issue the show counter global filter pcap yes command.
- B. From the CLI, issue the show counter global filter packet-filter yes command.
- C. From the GUI, select show global counters under the monitor tab.
- D. From the CLI, issue the show counter interface command for the ingress interface.

**Answer:** B

**NEW QUESTION 416**

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 421**

A company has a policy that denies all applications it classifies as bad and permits only application it classifies as good. The firewall administrator created the following security policy on the company's firewall.

	Source				Destination				Action	Profile	Options
	Name	Zone	Address	User	Zone	Address	Application	Service			
1	rule1	Trust-L3	any	any	UnTrust-L3	any	Known Good	application-default	allow	none	log
2	rule2	Trust-L3	any	any	UnTrust-L3	any	Known Bad	any	deny	none	log
3	rule3	Trust-L3	any	any	UnTrust-L3	any	any	any	deny	none	log

Which interface configuration will accept specific VLAN IDs?

Which two benefits are gained from having both rule 2 and rule 3 presents? (choose two)

- A. A report can be created that identifies unclassified traffic on the network.
- B. Different security profiles can be applied to traffic matching rules 2 and 3.
- C. Rule 2 and 3 apply to traffic on different ports.
- D. Separate Log Forwarding profiles can be applied to rules 2 and 3.

Answer: BD

**NEW QUESTION 425**

A client is deploying a pair of PA-5000 series firewalls using High Availability (HA) in Active/Passive mode. Which statement is true about this deployment?

- A. The two devices must share a routable floating IP address
- B. The two devices may be different models within the PA-5000 series
- C. The HA1 IP address from each peer must be on a different subnet
- D. The management port may be used for a backup control connection

Answer: D

**NEW QUESTION 426**

Which Palo Alto Networks VM-Series firewall is supported for VMware NSX?

- A. VM-100
- B. VM-200
- C. VM-1000-HV
- D. VM-300

Answer: C

**NEW QUESTION 428**

Which two interface types can be used when configuring GlobalProtect Portal?(Choose two)

- A. Virtual Wire
- B. Loopback
- C. Layer 3
- D. Tunnel

Answer: BC

**NEW QUESTION 430**

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 435**

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

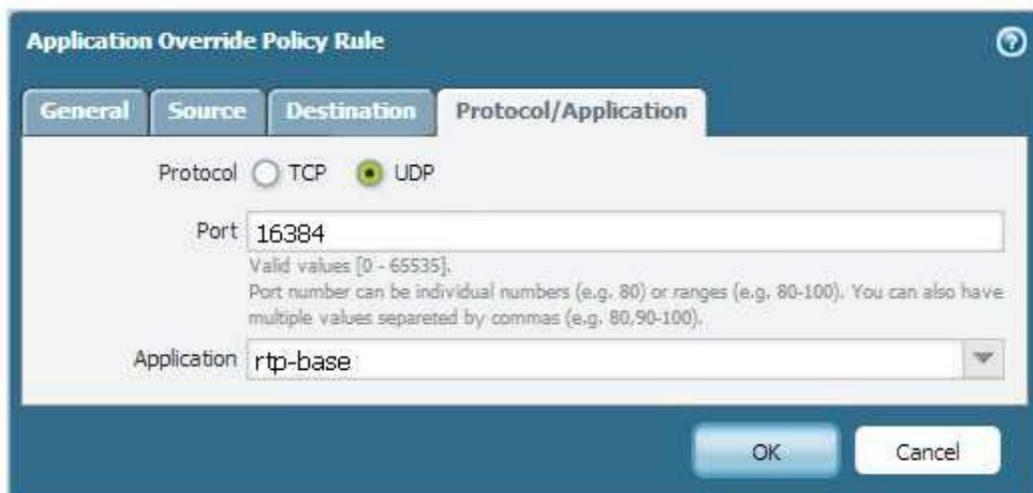
- A. RADIUS
- B. LDAP
- C. Diameter
- D. TACACS+

Answer: D

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

**NEW QUESTION 437**

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 441**

A network design calls for a "router on a stick" implementation with a PA-5060 performing inter- VLAN routing All VLAN-tagged traffic will be forwarded to the PA-5060 through a single dot1q trunk interface  
Which interface type and configuration setting will support this design?

- A. Trunk interface type with specified tag
- B. Layer 3 interface type with specified tag
- C. Layer 2 interface type with a VLAN assigned
- D. Layer 3 subinterface type with specified tag

**Answer:** D

**NEW QUESTION 444**

A Network Administrator wants to deploy a Large Scale VPN solution. The Network Administrator has chosen a GlobalProtect Satellite solution. This configuration needs to be deployed to multiple remote offices and the Network Administrator decides to use Panorama to deploy the configurations.  
How should this be accomplished?

- A. Create a Template with the appropriate IKE Gateway settings
- B. Create a Template with the appropriate IPSec tunnel settings
- C. Create a Device Group with the appropriate IKE Gateway settings
- D. Create a Device Group with the appropriate IPSec tunnel settings

**Answer:** B

**NEW QUESTION 446**

Which option is an IPv6 routing protocol?

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

**Answer:** B

**NEW QUESTION 450**

Several offices are connected with VPNs using static IPv4 routes. An administrator has been tasked with implementing OSPF to replace static routing.  
Which step is required to accomplish this goal?

- A. Assign an IP address on each tunnel interface at each site
- B. Enable OSPFv3 on each tunnel interface and use Area ID 0.0.0.0
- C. Assign OSPF Area ID 0.0.0.0 to all Ethernet and tunnel interfaces
- D. Create new VPN zones at each site to terminate each VPN connection

**Answer:** C

**NEW QUESTION 454**

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 457**

Which authentication source requires the installation of Palo Alto Networks software, other than PAN-OS 7x, to obtain a username-to-IP-address mapping?

- A. Microsoft Active Directory
- B. Microsoft Terminal Services
- C. Aerohive Wireless Access Point
- D. Palo Alto Networks Captive Portal

**Answer:** B

**NEW QUESTION 460**

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 463**

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 464**

Which URL Filtering Security Profile action logs the URL Filtering category to the URL Filtering log?

- A. Log
- B. Alert
- C. Allow
- D. Default

**Answer:** B

**Explanation:** <https://www.paloaltonetworks.com/documentation/70/pan-os/pan-os/url-filtering/url-filtering-profile-actions>

**NEW QUESTION 467**

Several offices are connected with VPNs using static IPV4 routes. An administrator has been tasked with implementing OSPF to replace static routing. Which step is required to accomplish this goal?

- A. Assign an IP address on each tunnel interface at each site
- B. Enable OSPFv3 on each tunnel interface and use Area ID 0.0.0.0
- C. Assign OSPF Area ID 0.0.0.0 to all Ethernet and tunnel interfaces
- D. Create new VPN zones at each site to terminate each VPN connection

**Answer:** C

**NEW QUESTION 470**

A network security engineer has a requirement to allow an external server to access an internal web server. The internal web server must also initiate connections with the external server.

What can be done to simplify the NAT policy?

- A. Configure ECMP to handle matching NAT traffic
- B. Configure a NAT Policy rule with Dynamic IP and Port
- C. Create a new Source NAT Policy rule that matches the existing traffic and enable the Bi-directional option
- D. Create a new Destination NAT Policy rule that matches the existing traffic and enable the Bi-directional option

**Answer:** C

**Explanation:** <https://www.paloaltonetworks.com/documentation/70/pan-os/pan-os/networking/nat-configuration-examples>

**NEW QUESTION 474**

Which CLI command displays the current management plan memory utilization?

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

**Answer:** B

**Explanation:** [https://live.paloaltonetworks.comHYPERLINK \"https://live.paloaltonetworks.com/t5/Management-Articles/Show-System-Resource-Command-Displays-CPU-Utilization-of-9999/ta-p/58149\"/t5/Management-Articles/Show-System-Resource-Command-Displays-CPU-Utilization-of-9999/ta-p/58149](https://live.paloaltonetworks.comHYPERLINK \)

**NEW QUESTION 479**

Which three rule types are available when defining policies in Panorama? (Choose three.)

- A. Pre Rules
- B. Post Rules
- C. Default Rules



**Explanation:** <https://live.paloaltonetworks.com/t5/Management-Articles/How-to-Verify-DNS-Sinkhole-Function-is-Working/ta-p/65864> naHYPERLINK "https://live.paloaltonetworks.com/t5/Management-Articles/How-to-Verify-DNS-Sinkhole-Function-is-Working/ta-p/65864" gement-Articles/How-to-Verify-DNS-Sinkhole-Function-is-Working/ta-p/65864

**NEW QUESTION 492**

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 497**

A company hosts a publicly 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 the NAT policy contain to allow users in the Untrust-L3 zone to access the web server? (Choose two.)

- A. Destination IP of 23.54.6.10
- B. UntrustL3 for both Source and Destination Zone
- C. Destination IP of 192.168.1.10
- D. UntrustL3 for Source Zone and Trust-L3 for Destination Zone

**Answer:** AB

**NEW QUESTION 501**

How can a Palo Alto Networks firewall be configured to send syslog messages in a format compatible with non-standard syslog servers?

- A. Enable support for non-standard syslog messages under device management
- B. Check the custom-format check box in the syslog server profile
- C. Select a non-standard syslog server profile
- D. Create a custom log format under the syslog server profile

**Answer:** D

**NEW QUESTION 502**

Refer to Exhibit:

		Source			
	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 503**

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 506**

Which two virtualized environments support Active/Active High Availability (HA) in PAN-OS 8.0? (Choose two.)

- A. KVM
- B. VMware ESX
- C. VMware NSX
- D. AWS

**Answer: AB**

**NEW QUESTION 511**

Site-A and Site-B need to use IKEv2 to establish a VPN connection. Site A connects directly to the internet using a public IP address. Site-B uses a private IP address behind an ISP router to connect to the internet.

How should NAT Traversal be implemented for the VPN connection to be established between Site-A and Site-B?

- A. Enable on Site-A only
- B. Enable on Site-B only
- C. Enable on Site-B only with passive mode
- D. Enable on Site-A and Site-B

**Answer: D**

**NEW QUESTION 516**

An administrator is configuring an IPSec VPN to a Cisco ASA at the administrator's home and experiencing issues completing the connection. the following is the output from the command:

```
less mp-log ikemgr.log
2014-08-05 03:51:41 [INFO]: IPsec-SA request for 108.81.64.59 queued since no phase1 found
2014-08-05 03:51:41 [PROTO_NOTIFY]: =====> PHASE-1 NEGOTIATION STARTED AS INITIATOR, MAIN MODE <=====
=====> Initiated SA: 69.15.96.53[500]-108.81.64.59[500] cookie:09e85260f28f4e15:0000000000000000 <=====
2014-08-05 03:52:33 [PROTO_NOTIFY]: =====> PHASE-1 NEGOTIATION FAILED AS INITIATOR, MAIN MODE <=====
=====> Failed SA: 69.15.96.53[500]-108.81.64.59[500] cookie:09e85260f28f4e15:0000000000000000 <===== Due to
timeout.
2014-08-05 03:52:33 [INFO]: =====> PHASE-1 SA DELETED <=====
=====> Deleted SA: 69.15.96.53[500]-108.81.64.59[500] cookie:09e85260f28f4e15:0000000000000000 <=====
2014-08-05 03:53:02 [INFO]: IPsec-SA request for 108.81.64.59 queued since no phase1 found
2014-08-05 03:53:02 [PROTO_NOTIFY]: =====> PHASE-1 NEGOTIATION STARTED AS INITIATOR, MAIN MODE <=====
=====> Initiated SA: 69.15.96.53[500]-108.81.64.59[500] cookie:33351420a9a1aa47:0000000000000000 <=====
2014-08-05 03:53:54 [PROTO_NOTIFY]: =====> PHASE-1 NEGOTIATION FAILED AS INITIATOR, MAIN MODE <=====
=====> Failed SA: 69.15.96.53[500]-108.81.64.59[500] cookie:33351420a9a1aa47:0000000000000000 <===== Due to
timeout.
2014-08-05 03:53:54 [INFO]: =====> PHASE-1 SA DELETED <=====
```

What could be the cause of this problem?

- A. The dead peer detection settings do not match between the Palo Alto Networks Firewall and the ASA.
- B. The Proxy IDs on the Palo Alto Networks Firewall do not match the setting on the ASA.
- C. The public IP addresses do not match for both the Palo Alto Networks Firewall and the ASA.
- D. The shared secrets do not match between the Palo Alto Networks Firewall and the ASA.

**Answer: C**

**NEW QUESTION 520**

DRAG DROP

When using the predefined default profile, the policy will inspect for viruses on the decoders. Match each decoder with its default action. Answer options may be used more than once or not at all.

1.	IMAP	Alert
2.	HTTP	Reset-both
3.	FTP, SMB	
4.	POP3, SMTP	

**Answer:**

**Explanation: IMAP , POP3 , SMTP -> Alert**  
**HTTP,FTP,SMB -> Reset-both**

**NEW QUESTION 525**

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