

# Paloalto-Networks

## Exam Questions PCNSE

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



#### NEW QUESTION 1

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 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 administrative authentication method supports authorization by an external service?

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

**Answer: C**

#### NEW QUESTION 4

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 5

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

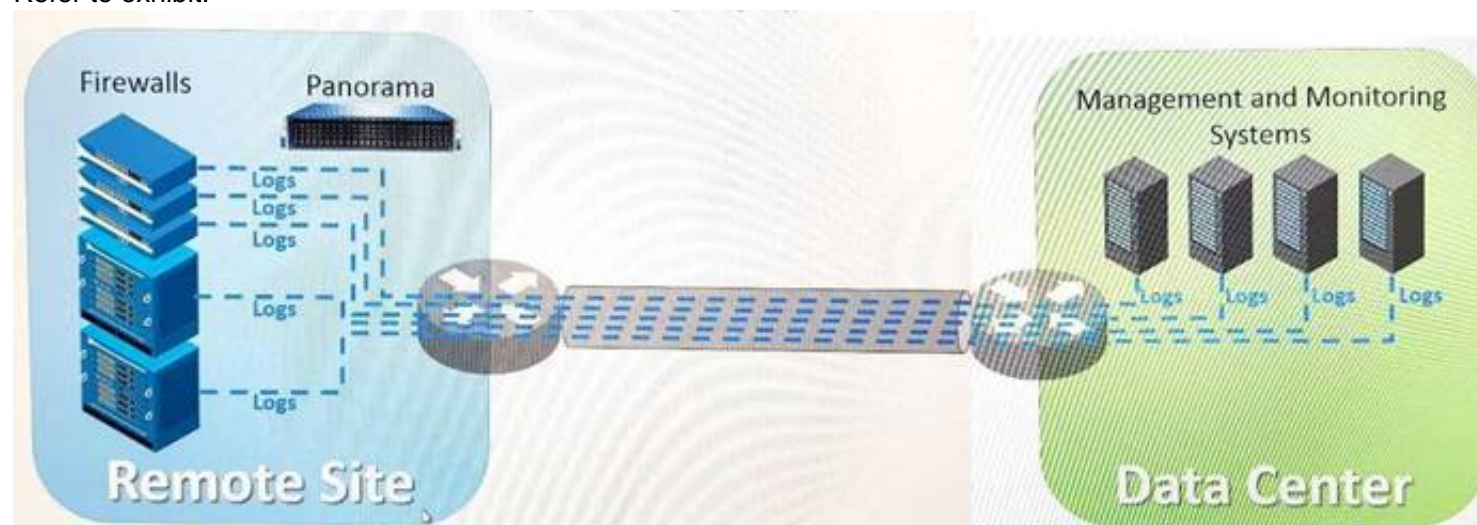
**Answer: C**

#### Explanation:

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

#### NEW QUESTION 6

Refer to exhibit.



An organization has Palo Alto Networks NGFWs that send logs to remote monitoring and security management platforms. The network team has reported excessive traffic on the corporate WAN. How could the Palo Alto Networks NGFW administrator reduce WAN traffic while maintaining support for all existing monitoring/ security platforms?

- A. Forward logs from firewalls only to Panorama and have Panorama forward logs to other external services.
- B. Forward logs from external sources to Panorama for correlation, and from Panorama send them to the NGFW.
- C. Configure log compression and optimization features on all remote firewalls.
- D. Any configuration on an M-500 would address the insufficient bandwidth concerns.

**Answer:** A

#### NEW QUESTION 7

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

#### NEW QUESTION 8

Which method will dynamically register tags on the Palo Alto Networks NGFW?

- A. Restful API or the VMWare API on the firewall or on the User-ID agent or the read-only domain controller (RODC)
- B. Restful API or the VMware API on the firewall or on the User-ID agent
- C. XML-API or the VMware API on the firewall or on the User-ID agent or the CLI
- D. XML API or the VM Monitoring agent on the NGFW or on the User-ID agent

**Answer:** D

#### Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/policy/register-ip-addresses-and-tags-dynamically>

#### NEW QUESTION 9

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 10

An administrator encountered problems with inbound decryption. Which option should the administrator investigate as part of triage?

- A. Security policy rule allowing SSL to the target server
- B. Firewall connectivity to a CRL
- C. Root certificate imported into the firewall with “Trust” enabled
- D. Importation of a certificate from an HSM

**Answer:** A

#### Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/decryption/configure-ssl-inbound-inspection>

#### NEW QUESTION 10

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 11

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 15**

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 16**

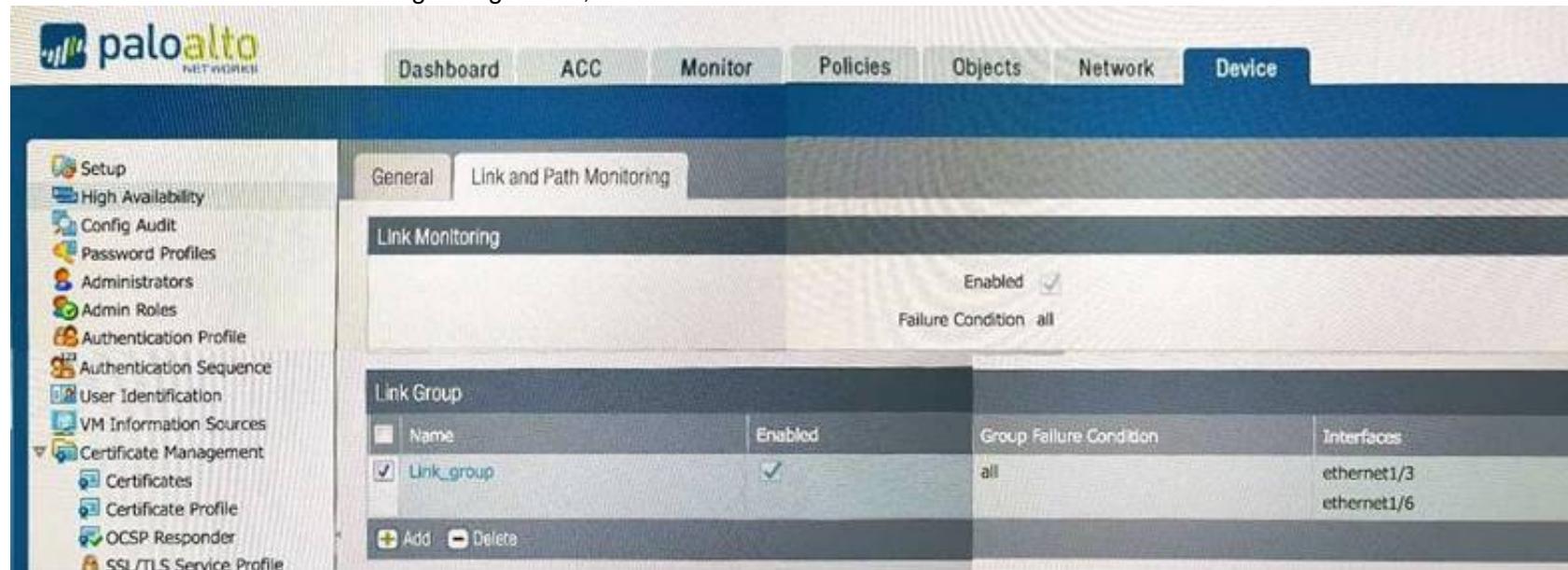
A user's traffic traversing a Palo Alto Networks NGFW sometimes can reach <http://www.company.com>. At other times the session times out. The NGFW has been configured with a PBF rule that the user's traffic matches when it goes to <http://www.company.com>. How can the firewall be configured to automatically disable the PBF rule if the next hop goes down?

- A. Create and add a Monitor Profile with an action of Wait Recover in the PBF rule in question.
- B. Create and add a Monitor Profile with an action of Fail Over in the PBF rule in question.
- C. Enable and configure a Link Monitoring Profile for the external interface of the firewall.
- D. Configure path monitoring for the next hop gateway on the default route in the virtual router.

**Answer:** C

**NEW QUESTION 21**

If the firewall has the link monitoring configuration, what will cause a failover?



- A. ethernet1/3 and ethernet1/6 going down
- B. ethernet1/3 going down
- C. ethernet1/3 or Ethernet1/6 going down
- D. ethernet1/6 going down

**Answer:** A

**NEW QUESTION 26**

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



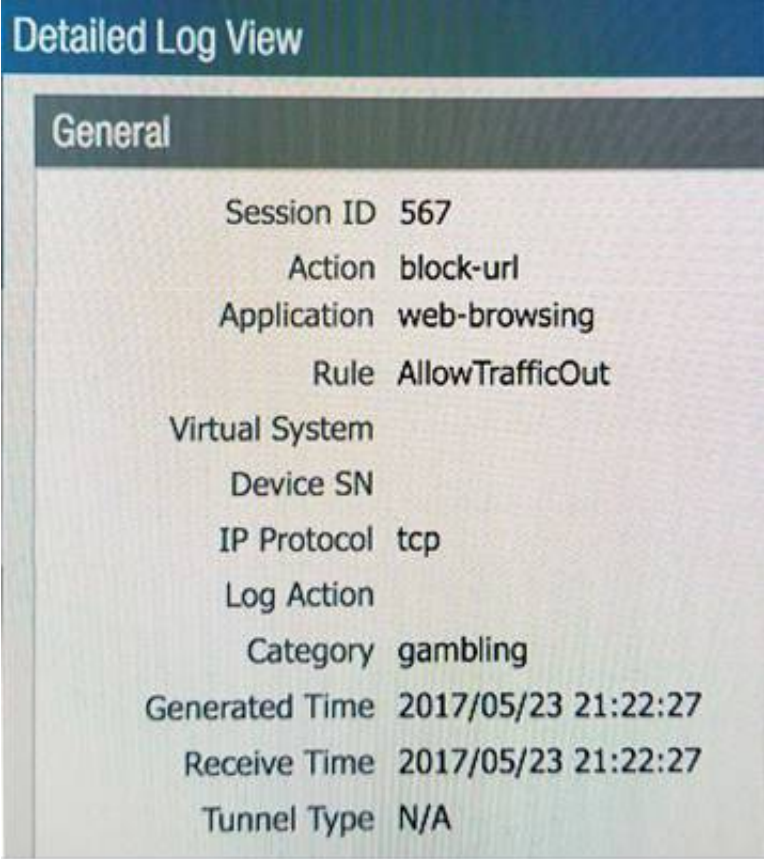
**Explanation:**

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

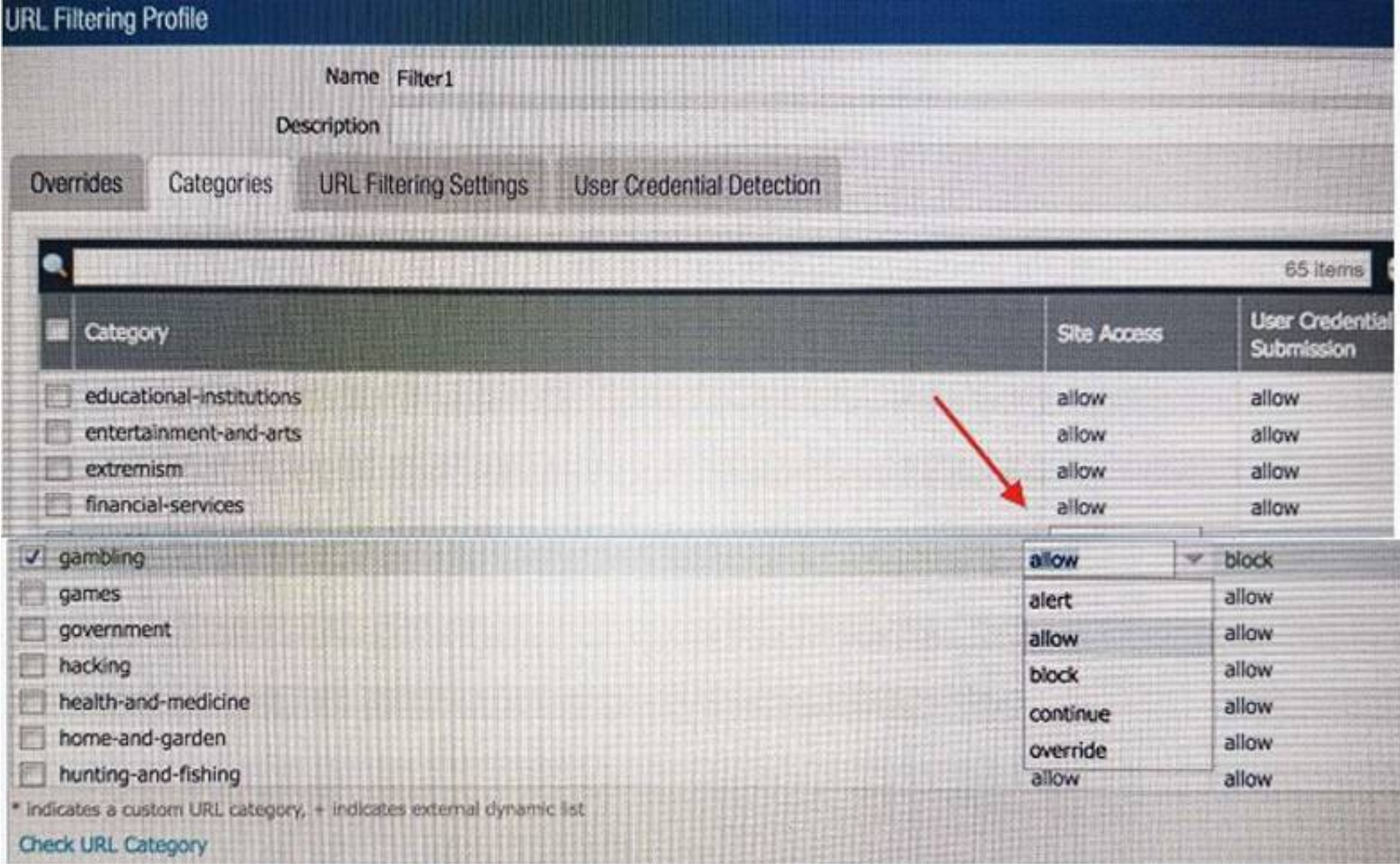
**NEW QUESTION 30**

An administrator needs to determine why users on the trust zone cannot reach certain websites. The only information available is shown on the following image.

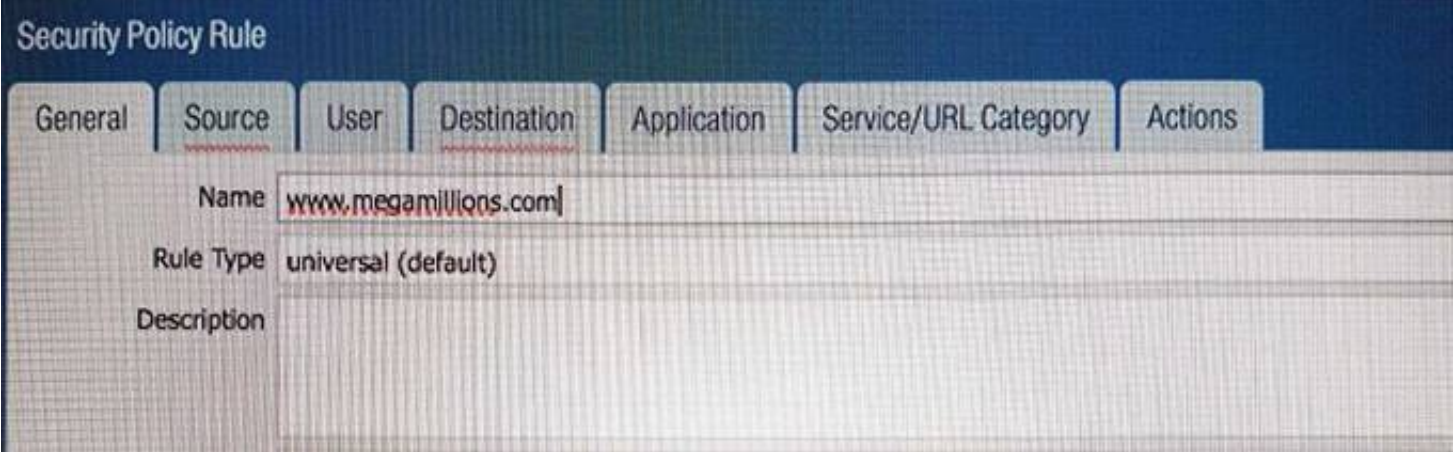
A)



B)



C)



D)



**URL Filtering Profile**

Name: Filter1

Description:

Overrides: Categories URL Filtering Settings User Credential Detection

Allow List: www.megamillions.com

Block List:

Action: continue

For the block list and allow list enter one entry per row, separating the rows with a newline. Each entry should be in the form of "www.example.com" without quotes or an IP address (http:// or https:// should not be included). Use separators to specify match criteria - for example, "www.example.com/test" will match "www.example.com/test" but not match "www.example.com.hk"

OK

E)

**URL Filtering Profile**

Name: Filter1

Description:

Overrides: Categories URL Filtering Settings User Credential Detection

Allow List: www.megamillions.com

Block List:

Action: block

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

**Answer: B**

#### NEW QUESTION 32

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 35

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 39

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 41**

Which Security policy rule will allow an admin to block facebook chat but allow Facebook in general?

- A. Deny application facebook-chat before allowing application facebook
- B. Deny application facebook on top
- C. Allow application facebook on top
- D. Allow application facebook before denying application facebook-chat

**Answer:** A

**Explanation:**

Reference: <https://live.paloaltonetworks.com/t5/Configuration-Articles/Failed-to-Block-Facebook-Chat-Consistently/ta-p/115673>

**NEW QUESTION 46**

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 51**

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 55**

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 60**

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 65**

Which three options are supported in HA Lite? (Choose three.)

- A. Virtual link
- B. Active/passive deployment
- C. Synchronization of IPsec security associations
- D. Configuration synchronization
- E. Session synchronization

**Answer:** BCD

**Explanation:**

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/device/device-high-availability/ha-lite>

**NEW QUESTION 70**

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 74**

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 76**

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 80**

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 85**

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 89**

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 94**

An administrator has been asked to configure a Palo Alto Networks NGFW to provide protection against external hosts attempting to exploit a flaw in an operating system on an internal system. Which Security Profile type will prevent this attack?

- A. Vulnerability Protection
- B. Anti-Spyware
- C. URL Filtering
- D. Antivirus

**Answer:** A

**Explanation:**

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/objects/objects-security-profiles-vulnerability-protection>

**NEW QUESTION 99**

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 103**

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 104**

If an administrator wants to decrypt SMTP traffic and possesses the server's certificate, which SSL decryption mode will allow the Palo Alto Networks NGFW to inspect traffic to the server?

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/configure-ssl-inbound-inspection>

**NEW QUESTION 108**

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 109**

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 110**

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 115**

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 119**

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:** ADE

**Explanation:**

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

**NEW QUESTION 124**

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 125**

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 130**

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 134**

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 136**

Which four NGFW multi-factor authentication factors are supported by PAN-OSS? (Choose four.)

- A. User logon
- B. Short message service
- C. Push
- D. SSH keyE.One-Time Password F.Voice

**Answer:** BCEF

**NEW QUESTION 137**

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

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

**Answer:** C

**NEW QUESTION 141**

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 146**

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 147**

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?

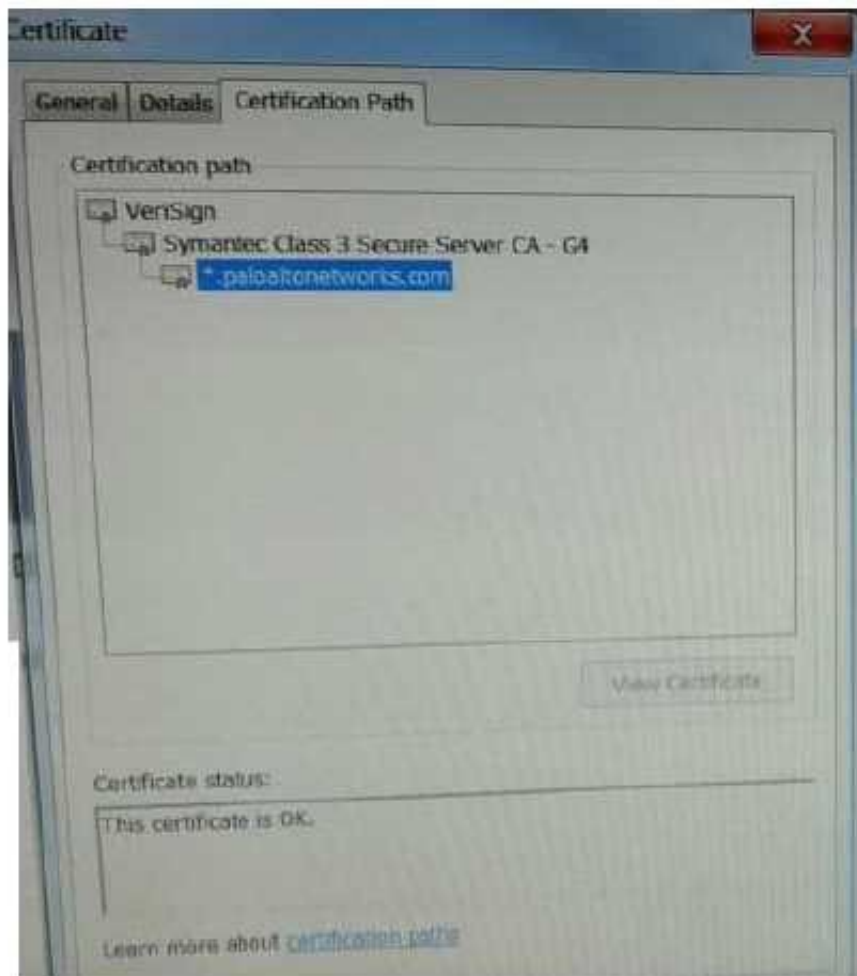
- A. Enable QoS Data Filtering Profile
- B. Enable QoS monitor
- C. Enable Qos interface
- D. Enable Qos in the interface Management Profile.

**Answer:** C

**NEW QUESTION 151**

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 152

A company is upgrading its existing Palo Alto Networks firewall from version 7.0.1 to 7.0.4.

Which three methods can the firewall administrator use to install PAN-OS 8.0.4 across the enterprise?( Choose three)

- A. Download PAN-OS 8.0.4 files from the support site and install them on each firewall after manually uploading.
- B. Download PAN-OS 8.0.4 to a USB drive and the firewall will automatically update after the USB drive is inserted in the firewall.
- C. Push the PAN-OS 8.0.4 updates from the support site to install on each firewall.
- D. Push the PAN-OS 8.0.4 update from one firewall to all of the other remaining after updating one firewall.
- E. Download and install PAN-OS 8.0.4 directly on each firewall.
- F. Download and push PAN-OS 8.0.4 from Panorama to each firewall.

**Answer: ACF**

#### NEW QUESTION 157

Which two mechanisms help prevent a split brain scenario an Active/Passive High Availability (HA) pair? (Choose two)

- A. Configure the management interface as HA3 Backup
- B. Configure Ethernet 1/1 as HA1 Backup
- C. Configure Ethernet 1/1 as HA2 Backup
- D. Configure the management interface as HA2 Backup
- E. Configure the management interface as HA1 Backup
- F. Configure ethernet1/1 as HA3 Backup

**Answer: BE**

#### NEW QUESTION 161

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 163

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 167**

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

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

**Answer:** C

**NEW QUESTION 170**

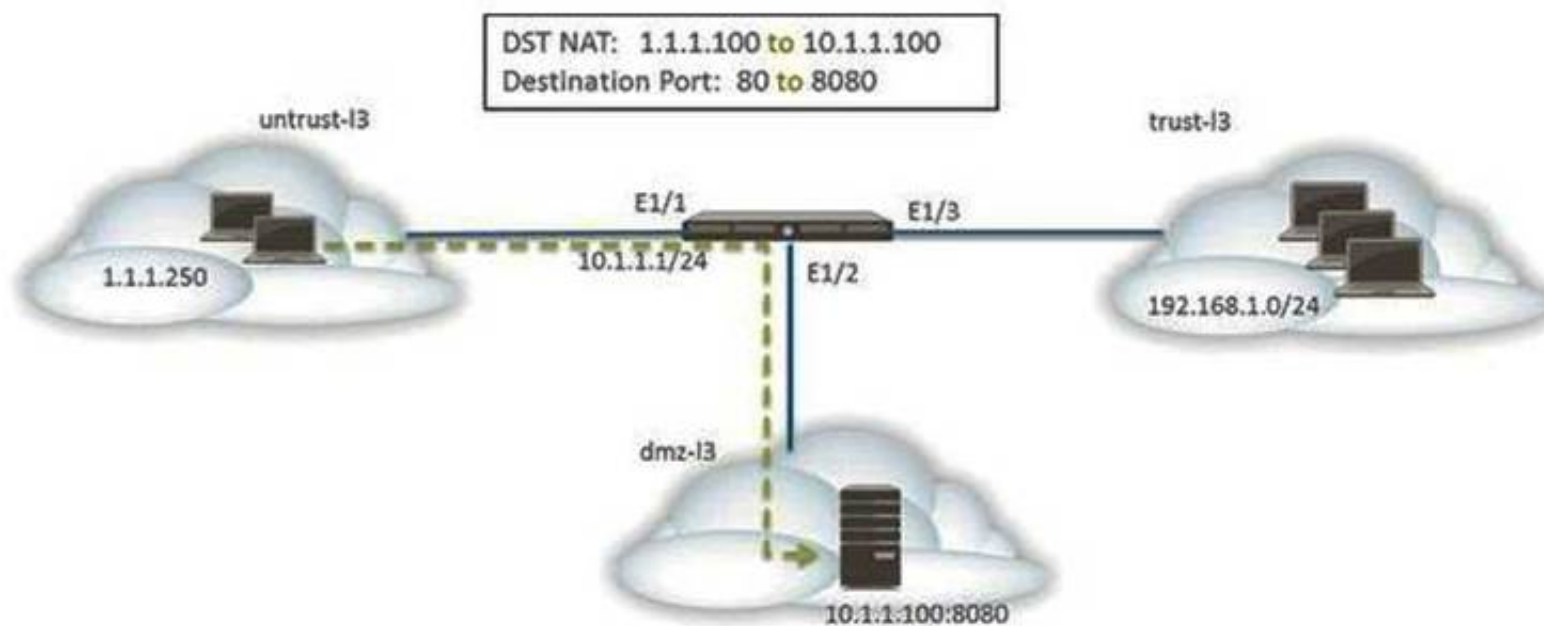
Which three log-forwarding destinations require a server profile to be configured? (Choose three)

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

**Answer:** ABF

**NEW QUESTION 174**

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 port 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 178**

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 181

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 186

Click the Exhibit button below,

Exhibit Window							
	Name	Tags	Zone/Interface	Source Address	User	Destination Address	Application
1	PBF1	none	Trust-L3	192.168.10.0/24	any	172.16.10.0/24	any
2	PBF2	none	Trust-L3	192.168.10.0/24	any	172.16.10.0/24	any
3	PBF3	none	Trust-L3	192.168.10.0/24	Will	172.16.10.0/24	any

Forwarding				
Service	Action	Egress I/F	Next Hop	Enforce Symmetric Return
any	forward	ethernet1/2.2	172.20.20.1	false
service-http	forward	ethernet1/3.2	172.20.30.1	false
service-https	forward	ethernet1/3.3	172.20.40.1	false

A firewall has three PBF rules and a default route with a next hop of 172.20.10.1 that is configured in the default VR. A user named Will has a PC with a 192.168.10.10 IP address. He makes an HTTPS connection to 172.16.10.20. Which is the next hop IP address for the HTTPS traffic from Will's PC?

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

**Answer: C**

#### NEW QUESTION 190

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 193

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 194

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 195**

How are IPV6 DNS queries configured to user interface ethernet1/3?

- A. Network > Virtual Router > DNS Interface
- B. Objects > CustomerObjects > DNS
- C. Network > Interface Mgrnt
- D. Device > Setup > Services > Service Route Configuration

**Answer:** D

**NEW QUESTION 200**

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 202**

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 204**

After pushing a security policy from Panorama to a PA-3020 firwall, 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 firwwall's policies have been assigned a Log Forwarding profile

**Answer:** D

**NEW QUESTION 209**

Which option is an IPv6 routing protocol?

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

**Answer:** B

**NEW QUESTION 212**

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 213**

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

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

**Answer:** B

#### NEW QUESTION 216

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 218

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.com/t5/Management-Articles/Show-System-Resource-Command-Displays-CPU-Utilization-of-9999/ta-p/58149>

#### NEW QUESTION 221

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

- A. Pre Rules
- B. Post Rules
- C. Default Rules
- D. Stealth Rules
- E. Clean Up Rules

**Answer:** ABC

#### Explanation:

<https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/panorama-web-interface/defining-policies-on-panorama>

#### NEW QUESTION 225

A file sharing application is being permitted and no one knows what this application is used for. How should this application be blocked?

- A. Block all unauthorized applications using a security policy
- B. Block all known internal custom applications
- C. Create a WildFire Analysis Profile that blocks Layer 4 and Layer 7 attacks
- D. Create a File blocking profile that blocks Layer 4 and Layer 7 attacks

**Answer:** D

#### NEW QUESTION 229

When a malware-infected host attempts to resolve a known command-and-control server, the traffic matches a security policy with DNS sinkhole enabled, generating a traffic log. What will be the destination IP Address in that log entry?

- A. The IP Address of sinkhole.paloaltonetworks.com
- B. The IP Address of the command-and-control server
- C. The IP Address specified in the sinkhole configuration
- D. The IP Address of one of the external DNS servers identified in the anti-spyware database

**Answer:** C

#### Explanation:

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

#### NEW QUESTION 232

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 236**

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 240**

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 242**

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

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

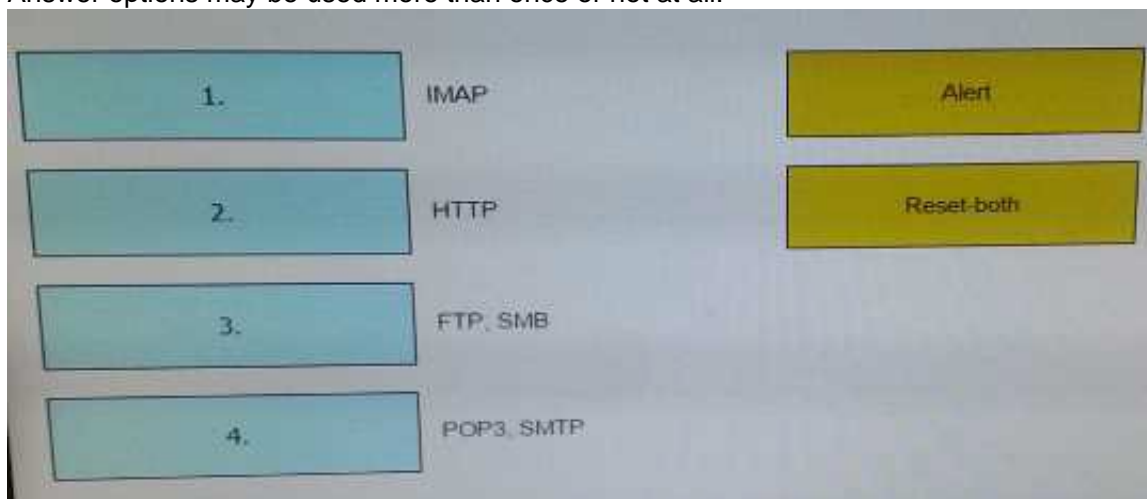
**Answer:** B

**NEW QUESTION 244**

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.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**IMAP , POP3 , SMTP -> Alert**

**HTTP,FTP,SMB -> Reset-both**

**NEW QUESTION 245**

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