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Palo Alto Networks Certified Network Security Administrator

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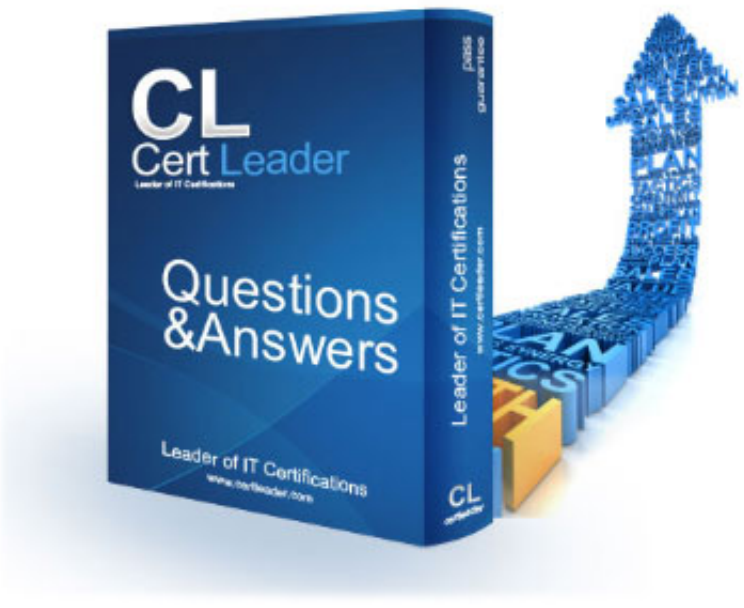


NEW QUESTION 1
An administrator wants to create a No-NAT rule to exempt a flow from the default NAT rule. What is the best way to do this?

A. Create a Security policy rule to allow the traffic.
B. Create a new NAT rule with the correct parameters and leave the translation type as None
C. Create a static NAT rule with an application override.
D. Create a static NAT rule translating to the destination interface.

Answer: B

NEW QUESTION 2
Which Security policy match condition would an administrator use to block traffic from IP addresses on the Palo Alto Networks EDL of Known Malicious IP Addresses list?

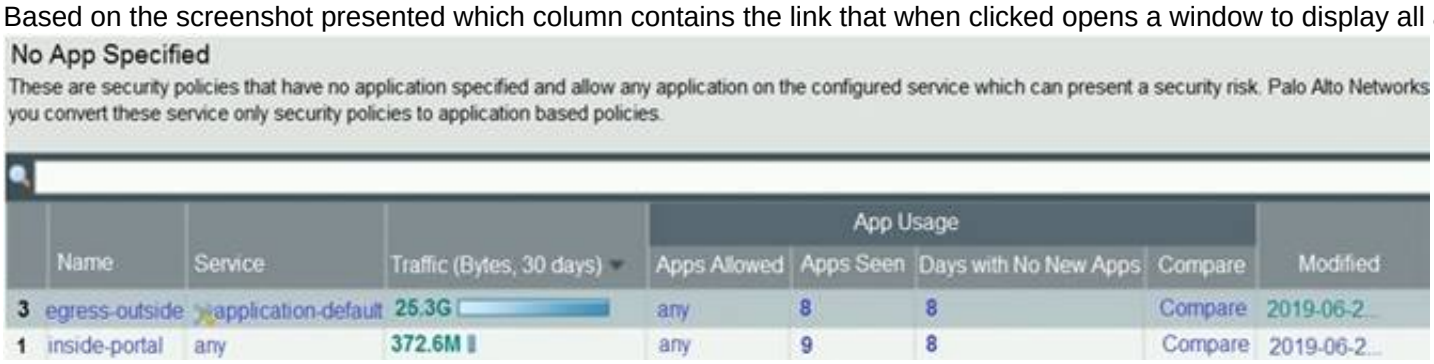
A.

destination address
B. source address
C. destination zone
D. source zone

Answer: B

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/policy/use-an-external-dynamic-list-in-policy/external-dynamic-list.html

NEW QUESTION 3
Based on the screenshot presented which column contains the link that when clicked opens a window to display all applications matched to the policy rule?



A. Apps Allowed
B. Name
C. Apps Seen
D. Service

Answer: C

NEW QUESTION 4
Which information is included in device state other than the local configuration?

A.

uncommitted changes
B. audit logs to provide information of administrative account changes
C. system logs to provide information of PAN-OS changes
D. device group and template settings pushed from Panorama

Answer: D

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-web-interface-help/device/device-setup-operations.html

NEW QUESTION 5
Which action related to App-ID updates will enable a security administrator to view the existing security policy rule that matches new application signatures?

A. Review Policies
B. Review Apps
C. Pre-analyze
D. Review App Matches

Answer: A

Explanation:
References:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/app-id/manage-new- app-ids-introduced- incontent-releases/review-new-app-id-impact-on- existing-policy-rules

NEW QUESTION 6
What are two differences between an implicit dependency and an explicit dependency in App-ID? (Choose two.)

A. An implicit dependency does not require the dependent application to be added in the security policy
B. An implicit dependency requires the dependent application to be added in the security

policy
C. An explicit dependency does not require the dependent application to be added in the security policy
D. An explicit dependency requires the dependent application to be added in the security policy

Answer: AD

NEW QUESTION 7
Which statement best describes the use of Policy Optimizer?

A. Policy Optimizer can display which Security policies have not been used in the last 90 days
B. Policy Optimizer on a VM-50 firewall can display which Layer 7 App-ID Security policies have unused applications
C. Policy Optimizer can add or change a Log Forwarding profile for each Secunty policy selected
D. Policy Optimizer can be used on a schedule to automatically create a disabled Layer 7 App-ID Security policy for every Layer 4 policy that exists Admins can then manually enable policies they want to keep and delete ones they want to remove

Answer: B

NEW QUESTION 8
What can be achieved by selecting a policy target prior to pushing policy rules from Panorama?

A. Doing so limits the templates that receive the policy rules
B. Doing so provides audit information prior to making changes for selected policy rules
C. You can specify the firewalls m a device group to which to push policy rules
D. You specify the location as pre can - or post-rules to push policy rules

Answer: C

NEW QUESTION 9
An administrator would like to block access to a web server, while also preserving resources and minimizing half-open sockets. What are two security policy actions the administrator can select? (Choose two.)

A. Reset server
B. Reset both
C. Drop
D. Deny

Answer: AC

NEW QUESTION 10
You receive notification about a new malware that infects hosts An infection results in the infected host attempting to contact a command-and-control server Which Security Profile when applied to outbound Security policy rules detects and prevents this threat from establishing a command-and-control connection?

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

Answer: D

Explanation:
Anti-Spyware Security Profiles block spyware on compromised hosts from trying to communicate with external command-and-control (C2) servers, thus enabling you to detect malicious traffic leaving the network from infected clients.

NEW QUESTION 10
An administrator configured a Security policy rule where the matching condition includes a single application and the action is set to deny. What deny action will the firewall perform?

A. Drop the traffic silently

B. Perform the default deny action as defined in the App-ID database for the application
C. Send a TCP reset packet to the client- and server-side devices
D.
Discard the session's packets and send a TCP reset packet to let the client know the session has been terminated

Answer: D

NEW QUESTION 15
An administrator would like to use App-ID's deny action for an application and would like that action updated with dynamic updates as new content becomes available.
Which security policy action causes this?

A. Reset server
B. Reset both
C. Deny
D. Drop

Answer: C

Explanation:
Explanation/Reference: Reference:

https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/firewall- administration/manage- configuration backups/revert-firewall-configuration- changes.html

NEW QUESTION 18
Which rule type is appropriate for matching traffic both within and between the source and destination zones?

A. interzone
B. shadowed
C. intrazone
D. universal

Answer: A

NEW QUESTION 19
Which dynamic update type includes updated anti-spyware signatures?

A. Applications and Threats
B. GlobalProtect Data File
C. Antivirus
D. PAN-DB

Answer: A

NEW QUESTION 21
Which three interface deployment methods can be used to block traffic flowing through the Palo Alto Networks firewall? (Choose three.)

A. Layer 2
B. Virtual Wire
C. Tap
D. Layer 3
E. HA

Answer: BDE

NEW QUESTION 26
The PowerBall Lottery has reached an unusually high value this week. Your company has decided to raise morale by allowing employees to access the PowerBall Lottery website (www.powerball.com) for just this week. However, the company does not want employees to access any other websites also listed in the URL filtering “gambling” category.
Which method allows the employees to access the PowerBall Lottery website but without unblocking access to the “gambling” URL category?

A. Add just the URL www.powerball.com to a Security policy allow rule.
B.

Manually remove powerball.com from the gambling URL category.
C. Add *.powerball.com to the URL Filtering allow list.
D. Create a custom URL category, add *.powerball.com to it and allow it in the Security Profile.

Answer: CD

NEW QUESTION 31
Which action would an administrator take to ensure that a service object will be available only to the selected device group?

A. create the service object in the specific template
B. uncheck the shared option
C. ensure that disable override is selected
D. ensure that disable override is cleared

Answer: D

Explanation:
https://docs.paloaltonetworks.com/panorama/9-0/panorama-admin/manage- firewalls/manage-device-groups/create-objects-for-use-in-shared-or-device-group-policy

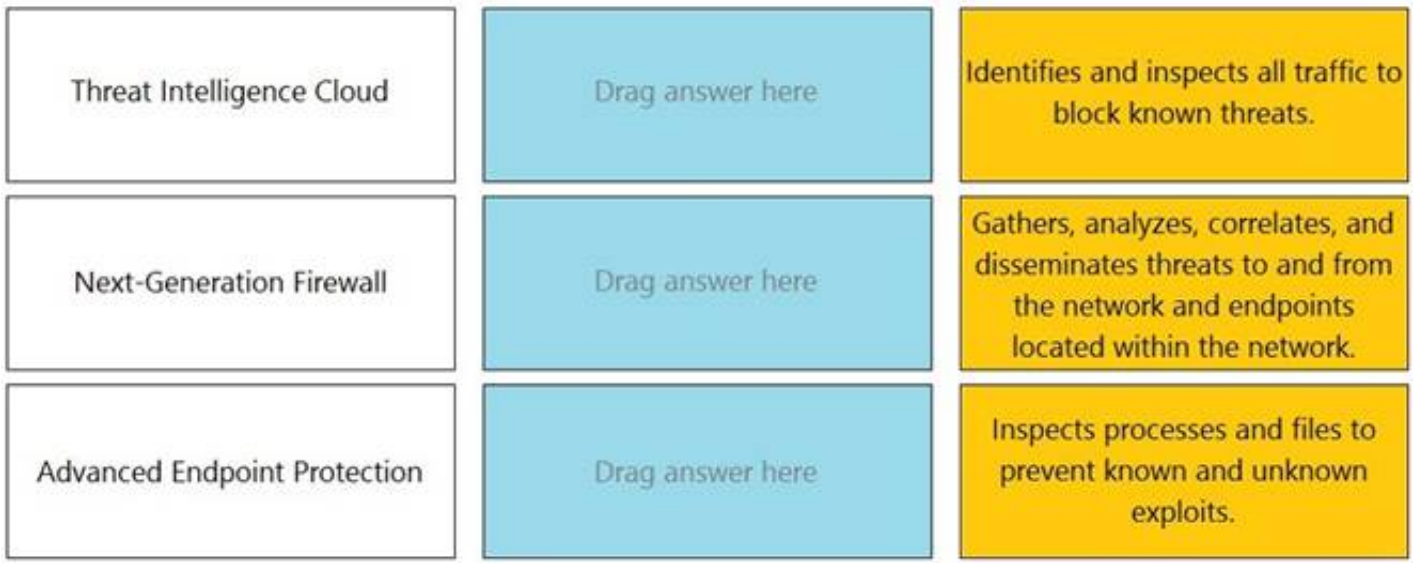
NEW QUESTION 32
An administrator is implementing an exception to an external dynamic list by adding an entry to the list manually. The administrator wants to save the changes, but the OK button is grayed out.
What are two possible reasons the OK button is grayed out? (Choose two.)

A. The entry contains wildcards.
B. The entry is duplicated.

C. The entry doesn't match a list entry.
D. The entry matches a list entry.

Answer: BC

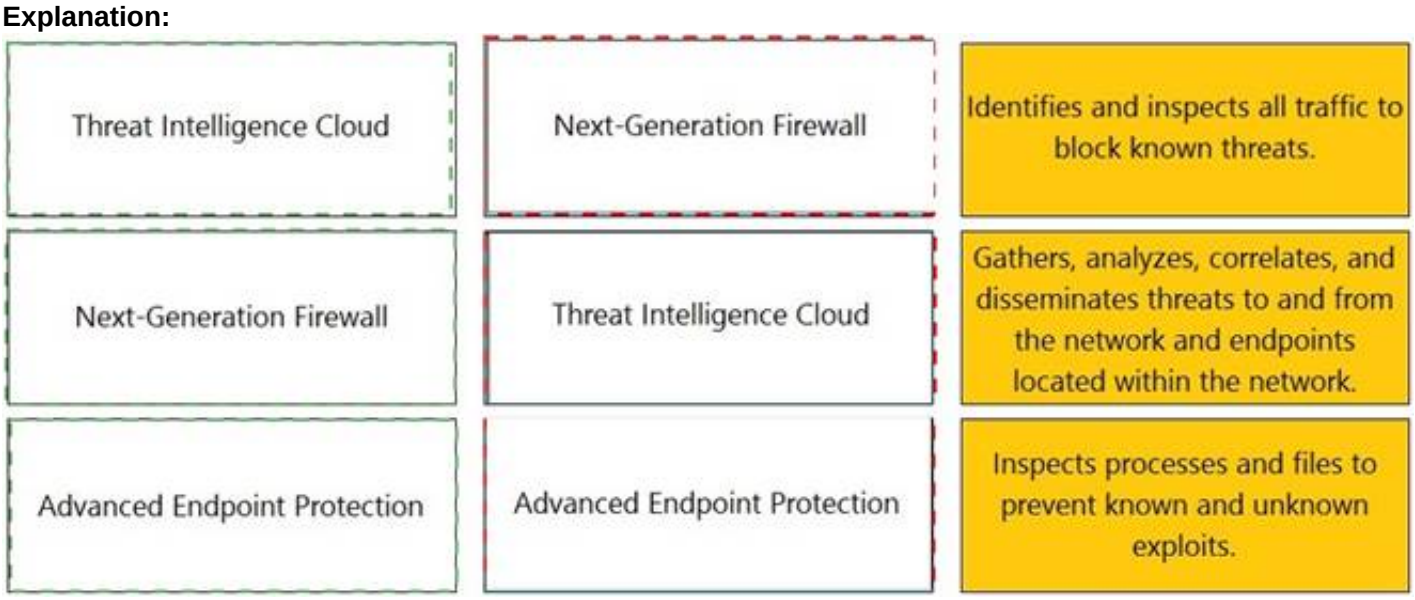
NEW QUESTION 37
DRAG DROP
Match each feature to the DoS Protection Policy or the DoS Protection Profile.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 42
In a security policy what is the quickest way to rest all policy rule hit counters to zero?

A. Use the CLI enter the command reset rules all
B. Highlight each rule and use the Reset Rule Hit Counter > Selected Rules.
C. use the Reset Rule Hit Counter > All Rules option.
D. Reboot the firewall.

Answer: C

NEW QUESTION 45
Which two features can be used to tag a username so that it is included in a dynamic user group? (Choose two.)

A. GlobalProtect agent
B. XML API
C.

User-ID Windows-based agent
D. log forwarding auto-tagging

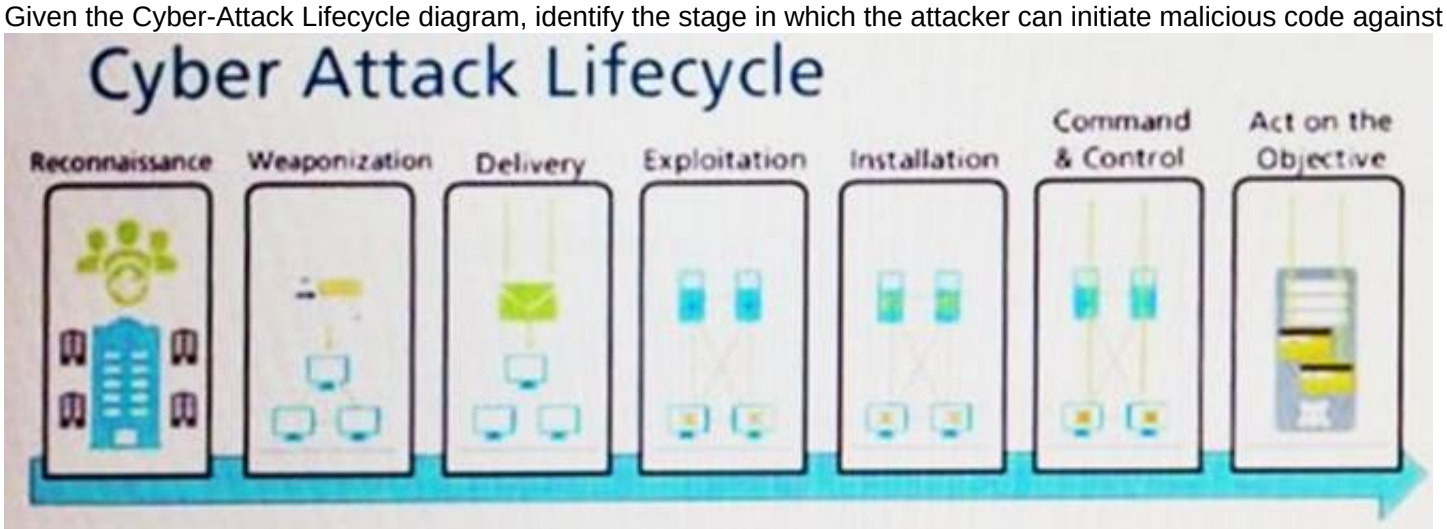
Answer: BC

NEW QUESTION 48
Which solution is a viable option to capture user identification when Active Directory is not in use?

A. Cloud Identity Engine
B. group mapping
C. Directory Sync Service
D. Authentication Portal

Answer: D

NEW QUESTION 51
Given the Cyber-Attack Lifecycle diagram, identify the stage in which the attacker can initiate malicious code against a targeted machine.



A.

Exploitation

B. Installation
C. Reconnaissance
D. Act on Objective

Answer: A

NEW QUESTION 52
Which type security policy rule would match traffic flowing between the inside zone and outside zone within the inside zone and within the outside zone?

A. global
B. universal
C. intrazone
D. interzone

Answer: B

NEW QUESTION 56
Which file is used to save the running configuration with a Palo Alto Networks firewall?

A. running-config.xml
B. run-config.xml
C. running-configuration.xml
D. run-configuratin.xml

Answer: A

NEW QUESTION 60

Which two statements are correct about App-ID content updates? (Choose two.)

A. Updated application content may change how security policy rules are enforced
B. After an application content update, new applications must be manually classified prior to use

C. Existing security policy rules are not affected by application content updates
D. After an application content update, new applications are automatically identified and classified

Answer: AD

NEW QUESTION 63
Assume a custom URL Category Object of "NO-FILES" has been created to identify a specific website
How can file uploading/downloading be restricted for the website while permitting general browsing access to that website?

A. Create a Security policy with a URL Filtering profile that references the site access setting of continue to NO-FILES
B. Create a Security policy with a URL Filtering profile that references the site access setting of block to NO-FILES
C. Create a Security policy that references NO-FILES as a URL Category qualifier, with an appropriate Data Filtering profile
D. Create a Security policy that references NO-FILES as a URL Category qualifier, with an appropriate File Blocking profile

Answer: B

NEW QUESTION 67
A company moved its old port-based firewall to a new Palo Alto Networks NGFW 60 days ago. Which utility should the company use to identify out-of-date or unused rules on the firewall?

A. Rule Usage Filter > No App Specified
B. Rule Usage Filter >Hit Count > Unused in 30 days
C. Rule Usage Filter > Unused Apps
D. Rule Usage Filter > Hit Count > Unused in 90 days

Answer: D

NEW QUESTION 68
Which two components are utilized within the Single-Pass Parallel Processing architecture on a Palo Alto Networks Firewall? (Choose two.)

A. Layer-ID
B. User-ID
C. QoS-ID
D. App-ID

Answer: BD

Explanation:

NEW QUESTION 73
Which interface type is used to monitor traffic and cannot be used to perform traffic shaping?

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 75
Based on the security policy rules shown, ssh will be allowed on which port?

			Source		Destination						
	Name	Type	Zone	Address	Zone	Address	Application	Service	URL Category	Action	Profile
1	Deny Google	Universal	Inside	Any	Outside	Any	Google-docs-base	Application-d	Any	Deny	None
2	Allowed-security serv...	Universal	Inside	Any	Outside	Any	Snmpv3 Ssh ssl	Application-d	Any	Allow	None
3	Intrazone-default	Intrazone	Any	Any	(intrazone)	Any	Any	Any	Any	Allow	None
4	Interzone-default	Interzone	Any	Any	Any	Any	Any	Any	Any	Deny	None

A. any port
B. same port as ssl and snmpv3
C. the default port
D. only ephemeral ports

Answer: C

NEW QUESTION 77
What does an administrator use to validate whether a session is matching an expected NAT policy?

A. system log
B. test command

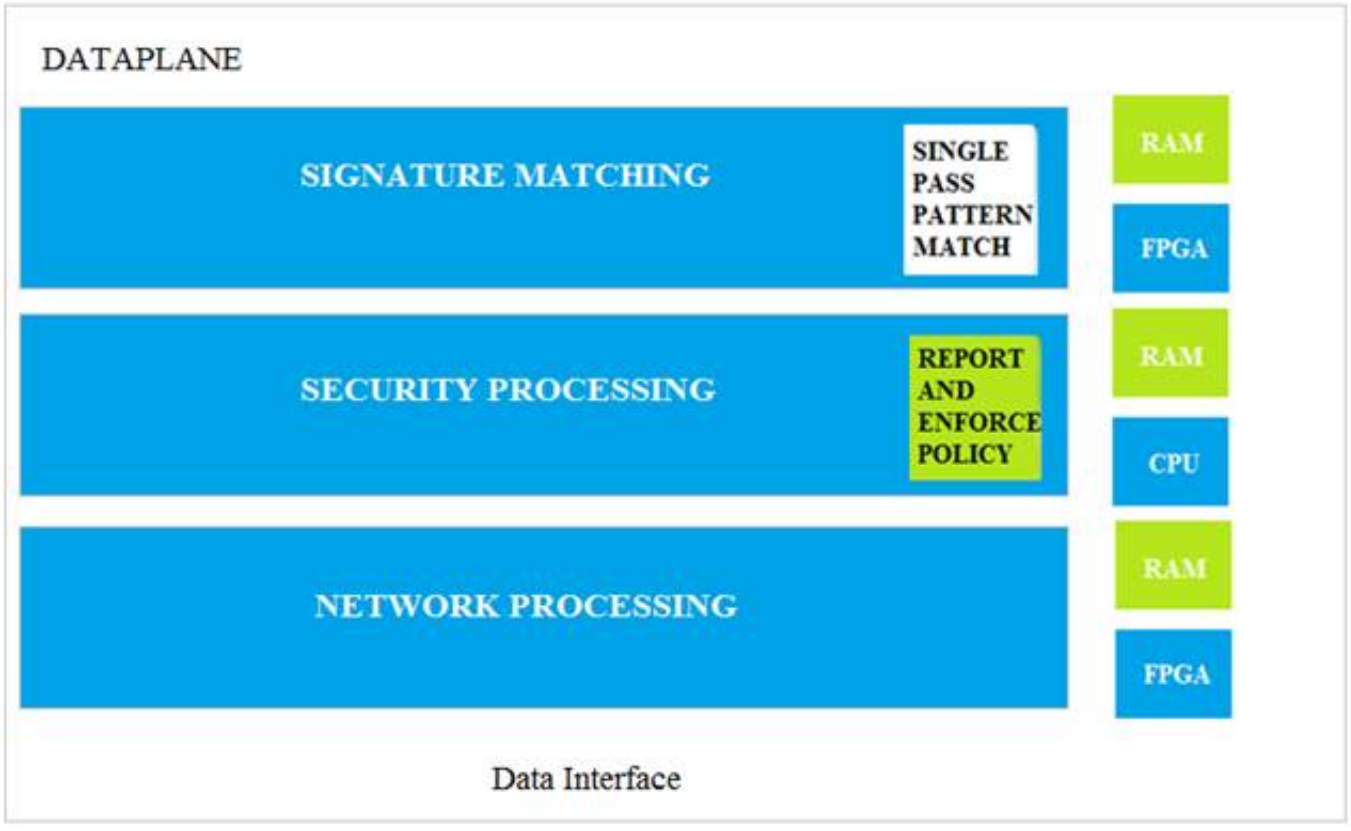
C. threat log
D. config audit

Answer: B

Explanation:

Reference:https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g00000 0ClQSCA0

NEW QUESTION 81
Which data-plane processor layer of the graphic shown provides uniform matching for spyware and vulnerability exploits on a Palo Alto Networks Firewall?



A. Signature Matching
B. Network Processing
C. Security Processing
D. Security Matching

Answer: A

NEW QUESTION 82
You must configure which firewall feature to enable a data-plane interface to submit DNS queries on behalf of the control plane?

A. Admin Role profile
B. virtual router
C. DNS proxy
D. service route

Answer: A

NEW QUESTION 87
You receive notification about new malware that infects hosts through malicious files transferred by FTP.
Which Security profile detects and protects your internal networks from this threat after you update your firewall's threat signature database?

A. URL Filtering profile applied to inbound Security policy rules.
B. Data Filtering profile applied to outbound Security policy rules.
C. Antivirus profile applied to inbound Security policy rules.
D. Vulnerability Protection profile applied to outbound Security policy rules.

Answer: C

Explanation:
Reference:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/policy/security-profiles

NEW QUESTION 92
Which interface does not require a MAC or IP address?

A. Virtual Wire
B. Layer3
C. Layer2
D. Loopback

Answer: A

NEW QUESTION 94
A server-admin in the USERS-zone requires SSH-access to all possible servers in all current and future Public Cloud environments. All other required connections have already been enabled between the USERS- and the OUTSIDE-zone. What configuration-changes should the Firewall-admin make?

A. Create a custom-service-object called SERVICE-SSH for destination-port-TCP-22. Create a security-rule between zone USERS and OUTSIDE to allow traffic from any source IP-address to any destination IP-address for SERVICE-SSH
B. Create a security-rule that allows traffic from zone USERS to OUTSIDE to allow traffic from any source IP-address to any destination IP-address for application SSH
C. In addition to option a, a custom-service-object called SERVICE-SSH-RETURN that contains source-port-TCP-22 should be create
D. A second security-rule is required that allows traffic from zone OUTSIDE to USERS for SERVICE-SSH-RETURN for any source- IP-address to any destination-Ip-address
E. In addition to option c, an additional rule from zone OUTSIDE to USERS for application SSH from any source-IP-address to any destination-IP-address is required to allow the return-traffic from the SSH-servers to reach the server-admin

Answer: B

NEW QUESTION 97
Which URL Filtering Profile action does not generate a log entry when a user attempts to access a URL?

A. override
B. allow
C. block
D. continue

Answer: B

NEW QUESTION 101
An administrator has configured a Security policy where the matching condition includes a single application and the action is deny
If the application s default deny action is reset-both what action does the firewall take*?

A. It sends a TCP reset to the client-side and server-side devices
B. It silently drops the traffic and sends an ICMP unreachable code
C. It silently drops the traffic
D. It sends a TCP reset to the server-side device

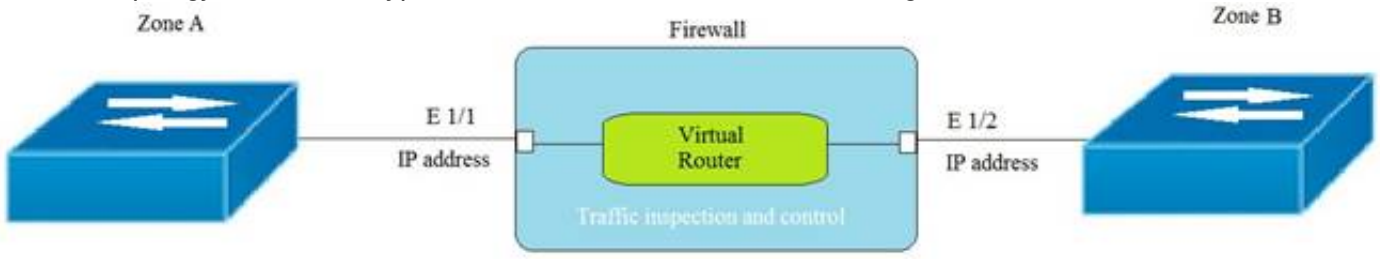
Answer: A

NEW QUESTION 106
Which plane on a Palo alto networks firewall provides configuration logging and reporting functions on a separate processor?

A. data
B. network processing
C. management
D. security processing

Answer: C

NEW QUESTION 109
Given the topology, which zone type should zone A and zone B to be configured with?



A. Layer3
B. Tap
C. Layer2
D. Virtual Wire

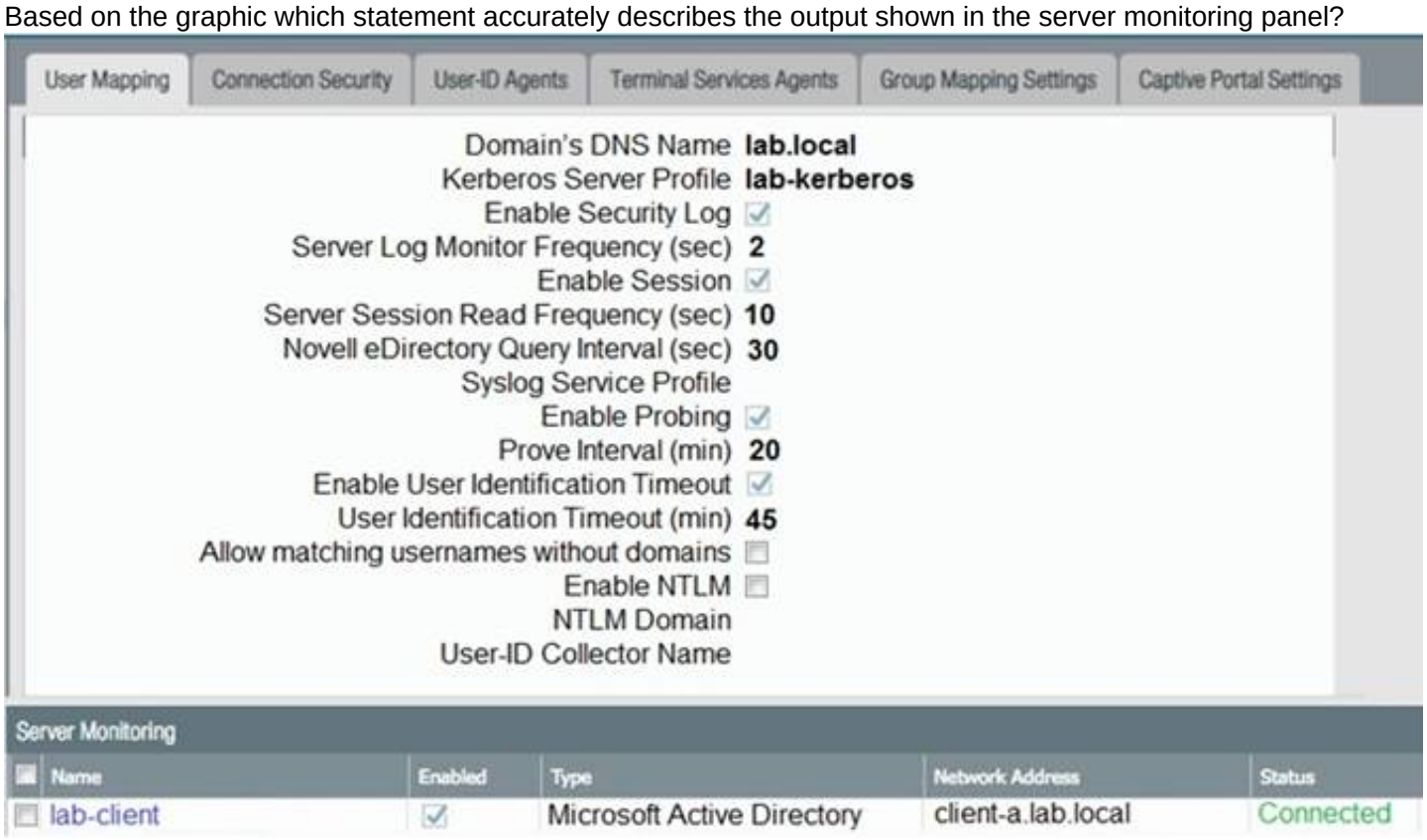
Answer: A

NEW QUESTION 114
An internal host wants to connect to servers of the internet through using source NAT. Which policy is required to enable source NAT on the firewall?

A. NAT policy with source zone and destination zone specified
B. post-NAT policy with external source and any destination address
C. NAT policy with no source of destination zone selected
D. pre-NAT policy with external source and any destination address

Answer: A

NEW QUESTION 119
Based on the graphic which statement accurately describes the output shown in the server monitoring panel?



A. The User-ID agent is connected to a domain controller labeled lab-client.
B. The host lab-client has been found by the User-ID agent.
C. The host lab-client has been found by a domain controller.
D. The User-ID agent is connected to the firewall labeled lab-client.

Answer: A

NEW QUESTION 120
Based on the security policy rules shown, ssh will be allowed on which port?

			Source		Destination						
	Name	**Type**	**Zone**	**Address**	**Zone**	**Address**	**Application**	**Service**	**URL Category**	**Action**	**Profile**
1	Deny Google	Universal	Inside	Any	Outside	Any	Google-docs-base	Application-d	Any	Deny	None
2	Allowed-security serv...	Universal	Inside	Any	Outside	Any	Snmpv3 Ssh ssl	Application-d	Any	Allow	None
3	Intrazone-default	Intrazone	Any	Any	(intrazone)	Any	Any	Any	Any	Allow	None
4	Interzone-default	Interzone	Any	Any	Any	Any	Any	Any	Any	Deny	None

A. 80
B. 53
C. 22
D. 23

Answer: C

Explanation:

NEW QUESTION 125
Which Security profile can you apply to protect against malware such as worms and Trojans?

A. data filtering
B. antivirus
C. vulnerability protection
D. anti-spyware

Answer: B

Explanation:
Reference:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/policy/security- profiles#:~:text=Antivirus%20profiles%20protect%20against%20viruses,as%20well%20as%20spyware%20downloads

NEW QUESTION 130

Which definition describes the guiding principle of the zero-trust architecture?

A. never trust, never connect
B. always connect and verify
C. never trust, always verify
D. trust, but verity

Answer: C

Explanation:

Reference:
https://www.paloaltonetworks.com/cyberpedia/what-is-a-zero-trust-architecture

NEW QUESTION 132
The CFO found a USB drive in the parking lot and decide to plug it into their corporate laptop. The USB drive had malware on it that loaded onto their computer and then contacted a known command and control (CnC) server, which ordered the infected machine to begin Exfiltrating data from the laptop.
Which security profile feature could have been used to prevent the communication with the CnC server?

A. Create an anti-spyware profile and enable DNS Sinkhole
B. Create an antivirus profile and enable DNS Sinkhole
C. Create a URL filtering profile and block the DNS Sinkhole category
D. Create a security policy and enable DNS Sinkhole

Answer: A

Explanation:

NEW QUESTION 133
Which administrator type provides more granular options to determine what the administrator can view and modify when creating an administrator account?

A. Root
B. Dynamic
C. Role-based
D. Superuser

Answer: C

NEW QUESTION 134
Which User Credential Detection method should be applied within a URL Filtering Security profile to check for the submission of a valid corporate username and the associated password?

A. Domain Credential
B. IP User
C. Group Mapping
D. Valid Username Detected Log Severity

Answer: C

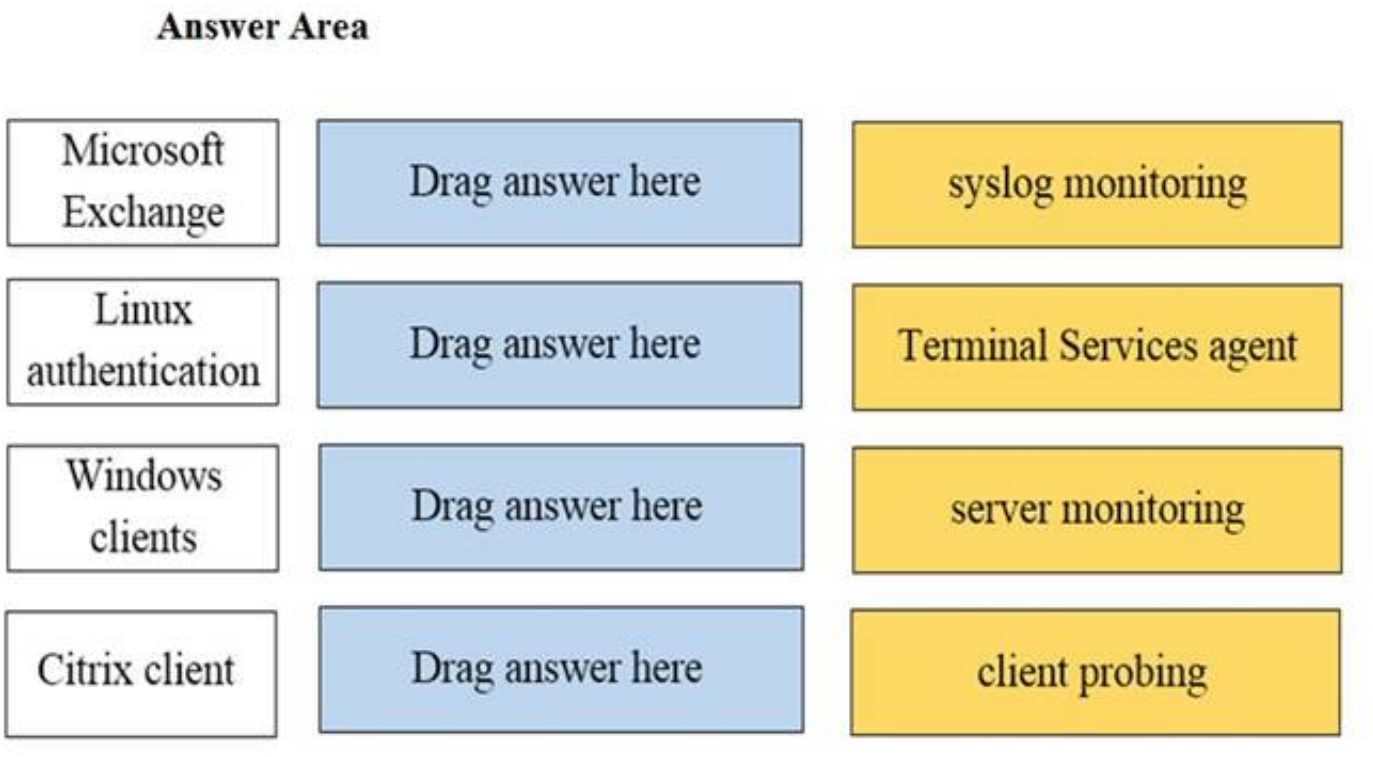
NEW QUESTION 139
What action will inform end users when their access to Internet content is being restricted?

A. Create a custom 'URL Category' object with notifications enabled.
B. Publish monitoring data for Security policy deny logs.
C. Ensure that the 'site access'' setting for all URL sites is set to 'alert'.
D. Enable 'Response Pages' on the interface providing Internet access.

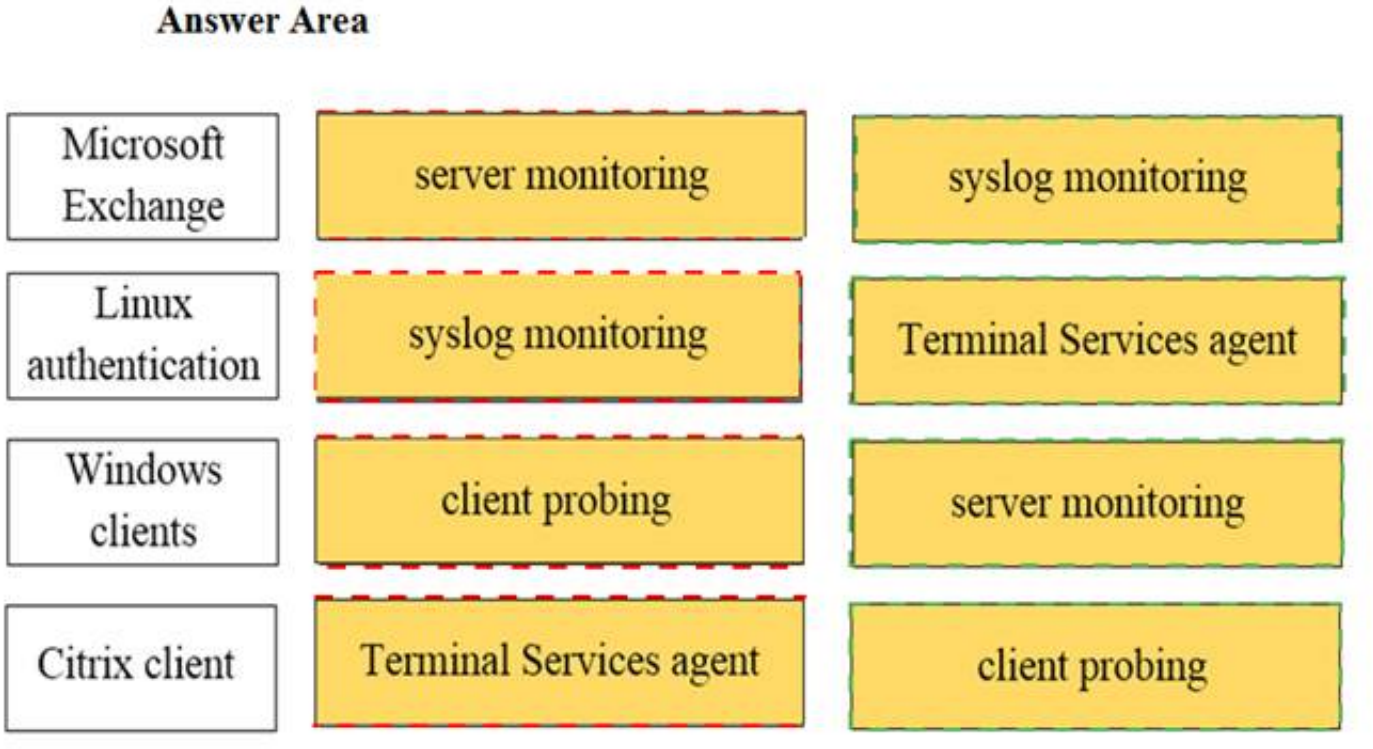
Answer: D

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-web-interface-help/device/device-response-pages.html

NEW QUESTION 142
DRAG DROP
Match the network device with the correct User-ID technology.



Answer:



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Microsoft Exchange – Server monitoring
Linux authentication – syslog monitoring
Windows Client – client probing
Citrix client – Terminal Services agent

NEW QUESTION 147
What is the main function of Policy Optimizer?

A. reduce load on the management plane by highlighting combinable security rules
B. migrate other firewall vendors' security rules to Palo Alto Networks configuration
C. eliminate "Log at Session Start" security rules
D. convert port-based security rules to application-based security rules

Answer: D

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-new-features/app-id- features/policy- optimizer.html

NEW QUESTION 149
Which path in PAN-OS 10.0 displays the list of port-based security policy rules?

A. Policies> Security> Rule Usage> No App Specified

B. Policies> Security> Rule Usage> Port only specified
C. Policies> Security> Rule Usage> Port-based Rules
D. Policies> Security> Rule Usage> Unused Apps

Answer: A

Explanation:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/app-id/security-policy-rule-optimization/migrate-port-based-to-app-id-based-security-policy-rules.html

NEW QUESTION 151
What are three valid information sources that can be used when tagging users to dynamic user groups? (Choose three.)

A. Blometric scanning results from iOS devices
B. Firewall logs
C. Custom API scripts
D. Security Information and Event Management Systems (SIEMS), such as Splun
E. DNS Security service

Answer: BCE

NEW QUESTION 152
Complete the statement. A security profile can block or allow traffic

A. on unknown-tcp or unknown-udp traffic
B. after it is matched by a security policy that allows traffic
C. before it is matched by a security policy
D. after it is matched by a security policy that allows or blocks traffic

Answer: B

Explanation:
Security profiles are objects added to policy rules that are configured with an action of allow.

NEW QUESTION 157
Which three configuration settings are required on a Palo Alto networks firewall management interface?

A. default gateway
B. netmask
C. IP address
D. hostname
E. auto-negotiation

Answer: ABC

Explanation:

Reference:
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClN7CAK

NEW QUESTION 160
What is the maximum volume of concurrent administrative account sessions?

A. Unlimited
B. 2
C. 10
D. 1

Answer: C

NEW QUESTION 164
Which two DNS policy actions in the anti-spyware security profile can prevent hacking attacks through DNS queries to malicious domains? (Choose two.)

A. Deny
B. Sinkhole
C. Override
D. Block

Answer: BD

Explanation:
? A DNS policy action is a setting in an Anti-Spyware security profile that defines
how the firewall handles DNS queries to malicious domains. A malicious domain is a domain name that is associated with a known threat, such as malware, phishing, or botnet1.
? There are four possible DNS policy actions: alert, allow, block, and sinkhole1.
? The alert action logs the DNS query and allows it to proceed to the intended destination. This action does not prevent hacking attacks, but only notifies the administrator of the potential threat1.

? The allow action allows the DNS query to proceed to the intended destination without logging it. This action does not prevent hacking attacks, but only bypasses the DNS security inspection2.
? The block action blocks the DNS query and sends a response to the client with an NXDOMAIN (non-existent domain) error code. This action prevents hacking attacks by preventing the client from resolving the malicious domain1.
? The sinkhole action redirects the DNS query to a predefined IP address (the sinkhole IP address) that is under the control of the administrator. This action prevents hacking attacks by isolating the client from the malicious domain and allowing the administrator to monitor and remediate the infected host1.
? The override action is not a valid DNS policy action, but a setting in an Anti- Spyware security profile that allows the administrator to create exceptions for specific spyware signatures that they want to override the default action or log settings3.
Therefore, the two DNS policy actions that can prevent hacking attacks through DNS queries to malicious domains are block and sinkhole.
References:
1: Enable DNS Security - Palo Alto Networks 2: How To Disable the DNS Security Feature from an Anti-Spyware Profile - Palo Alto Networks 3: Security Profile: Anti-Spyware - Palo Alto Networks

NEW QUESTION 165
Access to which feature requires the PAN-OS Filtering license?

A. PAN-DB database
B. DNS Security
C. Custom URL categories
D. URL external dynamic lists

Answer: A

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/getting-started/activate-licenses-andsubscriptions.html

NEW QUESTION 167
Which Security profile must be added to Security policies to enable DNS Signatures to be checked?

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

Answer: D

NEW QUESTION 170
Which Security profile would you apply to identify infected hosts on the protected network uwall user database?

A. Anti-spyware
B. Vulnerability protection
C. URL filtering
D. Antivirus

Answer: A

NEW QUESTION 171
Which action results in the firewall blocking network traffic without notifying the sender?

A. Deny
B. No notification
C. Drop
D. Reset Client

Answer: C

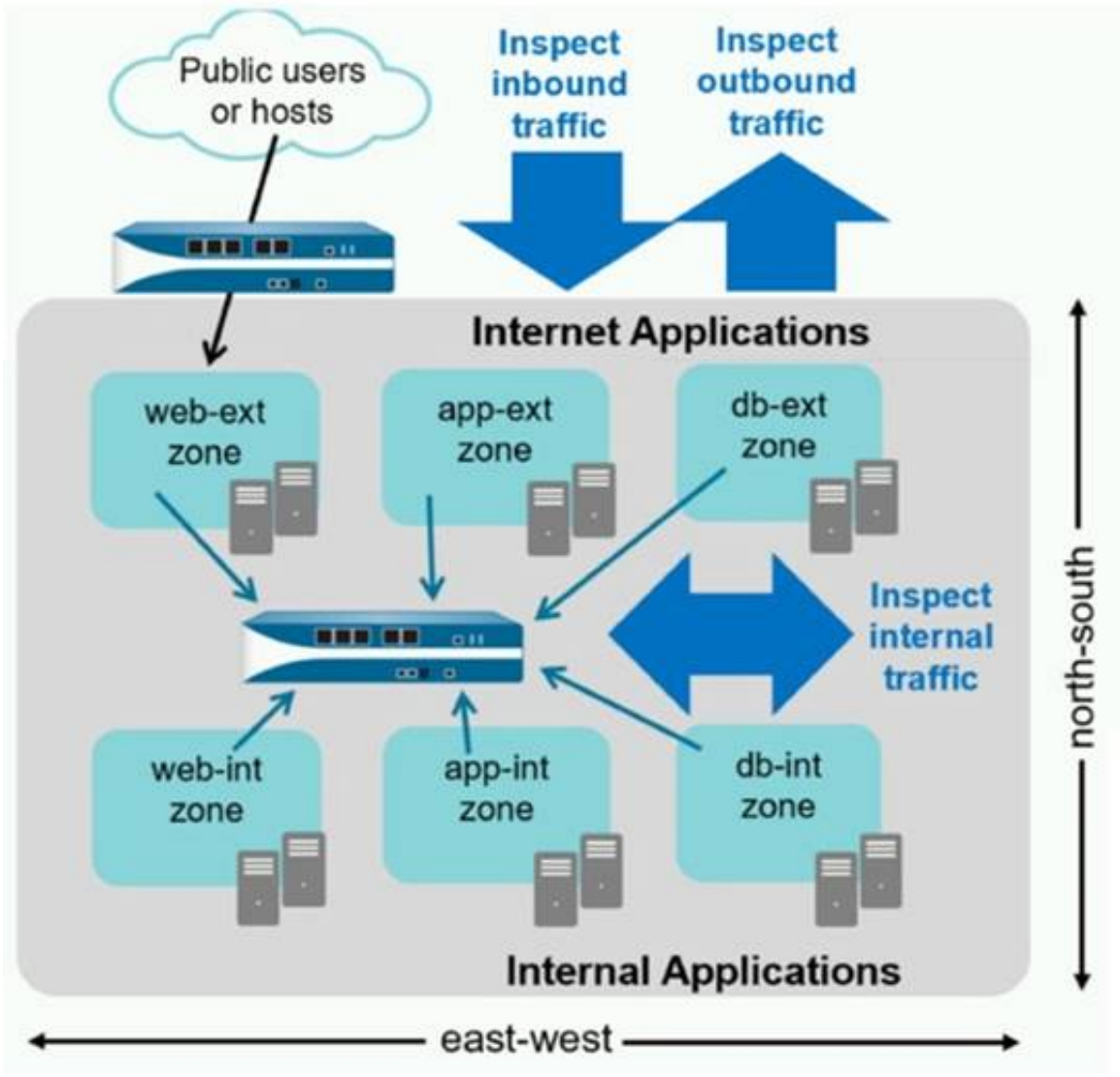
NEW QUESTION 175
Which Palo Alto Networks firewall security platform provides network security for mobile endpoints by inspecting traffic deployed as internet gateways?

A. GlobalProtect
B. AutoFocus
C. Aperture
D. Panorama

Answer: A

Explanation:
GlobalProtect: GlobalProtect safeguards your mobile workforce by inspecting all traffic using your next-generation firewalls deployed as internet gateways, whether at the perimeter, in the Demilitarized Zone (DMZ), or in the cloud.

NEW QUESTION 178
An administrator notices that protection is needed for traffic within the network due to malicious lateral movement activity. Based on the image shown, which traffic would the administrator need to monitor and block to mitigate the malicious activity?



A. branch office traffic
B. north-south traffic
C. perimeter traffic
D. east-west traffic

Answer: D

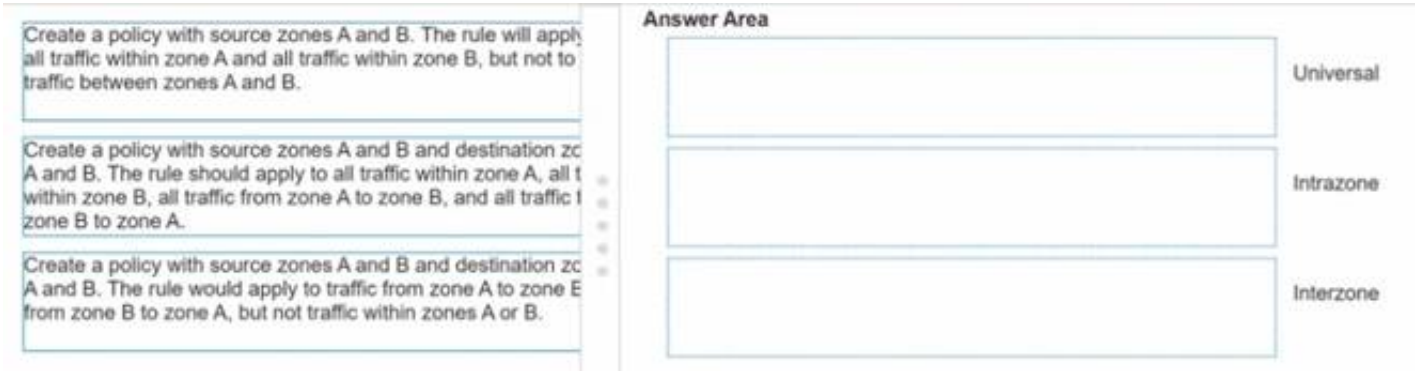
NEW QUESTION 179
How are service routes used in PAN-OS?

A. By the OSPF protocol, as part of Dijkstra's algorithm, to give access to the various services offered in the network
B. To statically route subnets so they are joinable from, and have access to, the Palo Alto Networks external services
C. For routing, because they are the shortest path selected by the BGP routing protocol
D. To route management plane services through data interfaces rather than the management interface

Answer: D

Explanation:
? Service routes are a feature of PAN-OS that allows the administrator to customize the interface that the firewall uses to send requests to external services, such as DNS, email, Palo Alto Networks updates, User-ID agent, syslog, Panorama, dynamic updates, URL updates, licenses, and AutoFocus1.
? By default, the firewall uses the management interface for all service routes, unless the packet destination IP address matches the configured destination service route, in which case the source IP address is set to the source address configured for the destination1.
? However, in some scenarios, the administrator may want to use a different interface for service routes, such as when the management interface does not have public internet access, or when the administrator wants to isolate or monitor the traffic for certain services23.
? To configure service routes, the administrator can select Device > Setup > Services > Service Route Configuration and customize each service with a source interface and a source address. The administrator can also configure destination service routes to specify a destination IP address and a gateway for each service1.
? Service routes are not related to routing protocols such as OSPF or BGP, which are used to exchange routing information between routers and determine the best path to reach a network destination. Service routes are only used to change the interface that the firewall uses to communicate with external services. Therefore, service routes are used to route management plane services through data interfaces rather than the management interface.
References:
1: Configure Service Routes - Palo Alto Networks 2: Setting a Service Route for Services to Use a Dataplane's Interface - Palo Alto Networks 3: How to Perform Updates when Management Interface does not have Public Internet Access - Palo Alto Networks

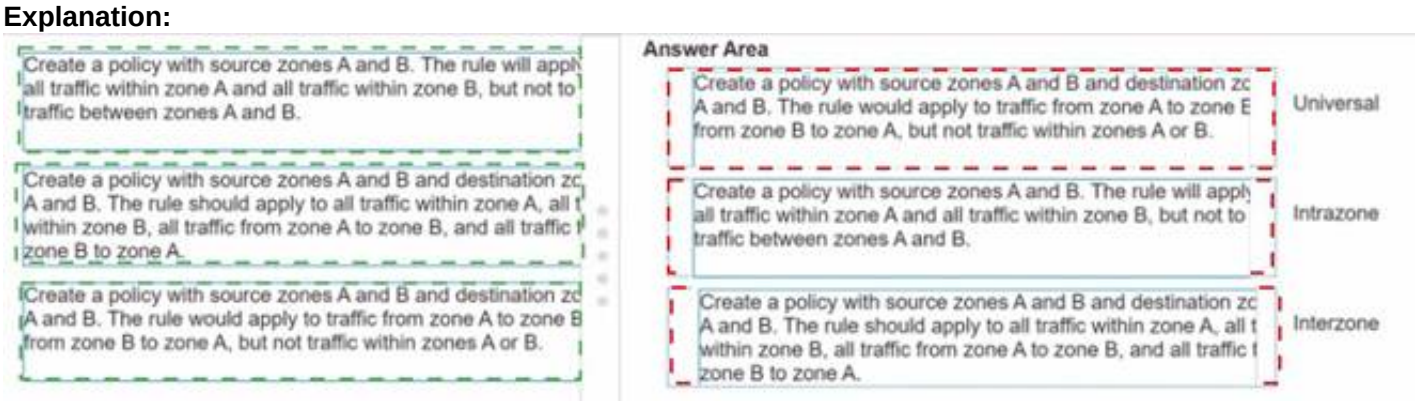
NEW QUESTION 181
DRAG DROP
Match each rule type with its example



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 184
An administrator would like to silently drop traffic from the internet to a ftp server. Which Security policy action should the administrator select?

A. Reset-server
B. Block
C. Deny
D. Drop

Answer: D

NEW QUESTION 189
Which firewall plane provides configuration, logging, and reporting functions on a separate processor?

A. control
B. network processing
C. data
D. security processing

Answer: A

NEW QUESTION 191
Which User-ID agent would be appropriate in a network with multiple WAN links, limited network bandwidth, and limited firewall management plane resources?

A. Windows-based agent deployed on the internal network
B. PAN-OS integrated agent deployed on the internal network
C. Citrix terminal server deployed on the internal network
D. Windows-based agent deployed on each of the WAN Links

Answer: A

Explanation:
Another reason to choose the Windows agent over the integrated PAN-OS agent is to save processing cycles on the firewall's management plane.

NEW QUESTION 192
What in the minimum frequency for which you can configure the firewall too check for new wildfire antivirus signatures?

A. every 5 minutes
B. every 1 minute
C. every 24 hours
D. every 30 minutes

Answer: B

Explanation:

WildFire	Provides near real-time malware and antivirus signatures created as a result of the analysis done by the WildFire public cloud. **WildFire signature updates are made available every five minutes. You can set the firewall to check for new updates as frequently as every minute to ensure that the firewall retrieves the latest WildFire signatures within a minute of availability.** Without the WildFire subscription, you must wait at least 24 hours for the signatures to be provided in the Antivirus update.

NEW QUESTION 195
Which type of address object is www.paloaltonetworks.com?

A. IP range
B. IP netmask
C. named address
D. FQDN

Answer: D

Explanation:

NEW QUESTION 199
An administrator is reviewing the Security policy rules shown in the screenshot below. Which statement is correct about the information displayed?

A. Eleven rules use the "Infrastructure* tag.
B. The view Rulebase as Groups is checked.
C. There are seven Security policy rules on this firewall.
D. Highlight Unused Rules is checked.

Answer: B

Explanation:

NEW QUESTION 201
An administrator receives a global notification for a new malware that infects hosts. The infection will result in the infected host attempting to contact a command-and-control (C2) server. Which two security profile components will detect and prevent this threat after the firewall's signature database has been updated? (Choose two.)

A. vulnerability protection profile applied to outbound security policies
B. anti-spyware profile applied to outbound security policies
C. antivirus profile applied to outbound security policies
D. URL filtering profile applied to outbound security policies

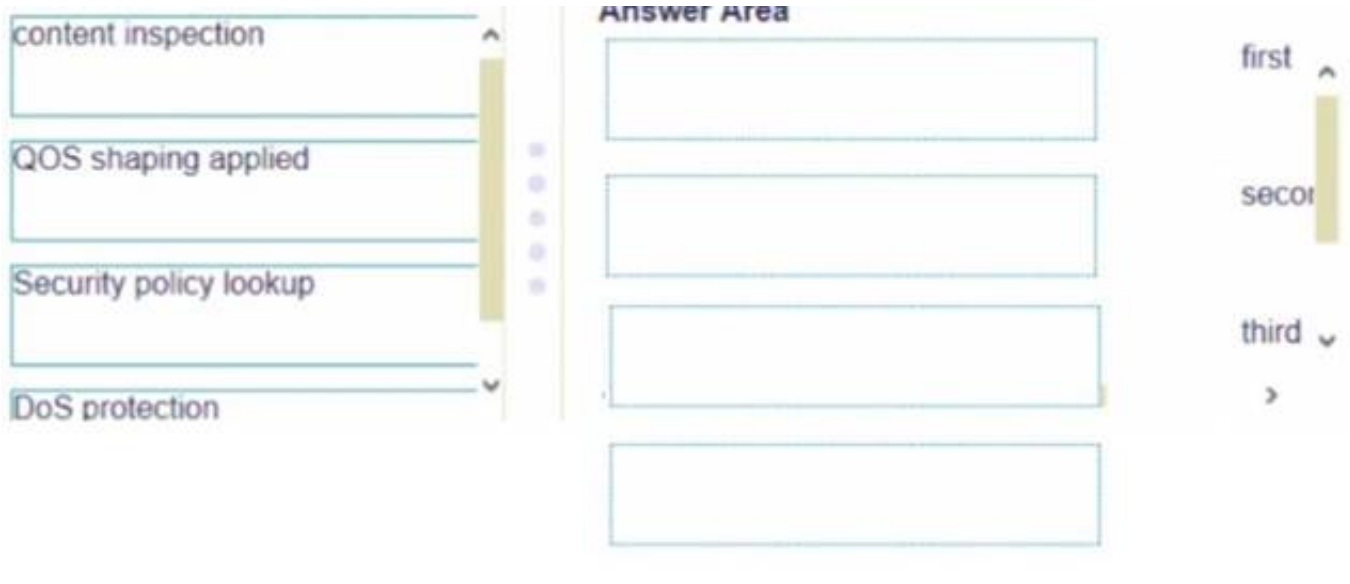
Answer: BD

NEW QUESTION 203
What is a function of application tags?

A. creation of new zones
B. application prioritization
C. automated referenced applications in a policy
D. IP address allocations in DHCP

Answer: C

NEW QUESTION 205
DRAG DROP
Place the following steps in the packet processing order of operations from first to last.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 206
According to the best practices for mission critical devices, what is the recommended interval for antivirus updates?

A. by minute
B. hourly
C. daily
D. weekly

Answer: C

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/threat-prevention/best-practices-for-content-and-threat-content-updates/best-practices-mission- critical.html

NEW QUESTION 210
Which action can be set in a URL Filtering Security profile to provide users temporary access to all websites in a given category using a provided password?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
The user will see a response page indicating that a password is required to allow access to websites in the given category. With this option, the security administrator or help-desk person would provide a password granting temporary access to all websites in the given category. A log entry is generated in the URL Filtering log. The Override webpage doesn't display properly on client systems configured to use a proxy server.

NEW QUESTION 214
Which license is required to use the Palo Alto Networks built-in IP address EDLs?

A. DNS Security
B. Threat Prevention
C. WildFire
D. SD-Wan

Answer: B

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/policy/use-an-external- dynamic-list-in- policy/builtin-edls.html#:~:text=With%20an%

NEW QUESTION 217
The firewall sends employees an application block page when they try to access Youtube. Which Security policy rule is blocking the youtube application?

			Source		Destination						
	Name	Type	Zone	Address	Zone	Address	Application	Service	URL Category	Action	Profile
1	Deny Google	Universal	Inside	Any	Outside	Any	Google-docs-base	Application-d	Any	Deny	None
2	Allowed-security serv...	Universal	Inside	Any	Outside	Any	Snmpv3 Ssh ssl	Application-d	Any	Allow	None
3	Intrazone-default	Intrazone	Any	Any	(intrazone)	Any	Any	Any	Any	Allow	None
4	Interzone-default	Interzone	Any	Any	Any	Any	Any	Any	Any	Deny	None

A. intrazone-default
B. Deny Google
C. allowed-security services
D. interzone-default

Answer: D

NEW QUESTION 220

Choose the option that correctly completes this statement. A Security Profile can block or allow traffic .

A. on either the data place or the management plane.
B. after it is matched by a security policy rule that allows traffic.
C. before it is matched to a Security policy rule.
D. after it is matched by a security policy rule that allows or blocks traffic.

Answer: B

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/policy/security-policy.html
After a packet has been allowed by the Security policy, Security Profiles are used to scan packets for threats, vulnerabilities, viruses, spyware, malicious URLs, data exfiltration, and exploitation software.

NEW QUESTION 225
Which statement best describes a common use of Policy Optimizer?

A. Policy Optimizer on a VM-50 firewall can display which Layer 7 App-ID Security policies have unused applications.
B. Policy Optimizer can add or change a Log Forwarding profile for each Security policy selected.
C. Policy Optimizer can display which Security policies have not been used in the last 90 days.
D. Policy Optimizer can be used on a schedule to automatically create a disabled Layer 7 App-ID Security policy for every Layer 4 policy that exist
E. Admins can then manually enable policies they want to keep and delete ones they want to remove.

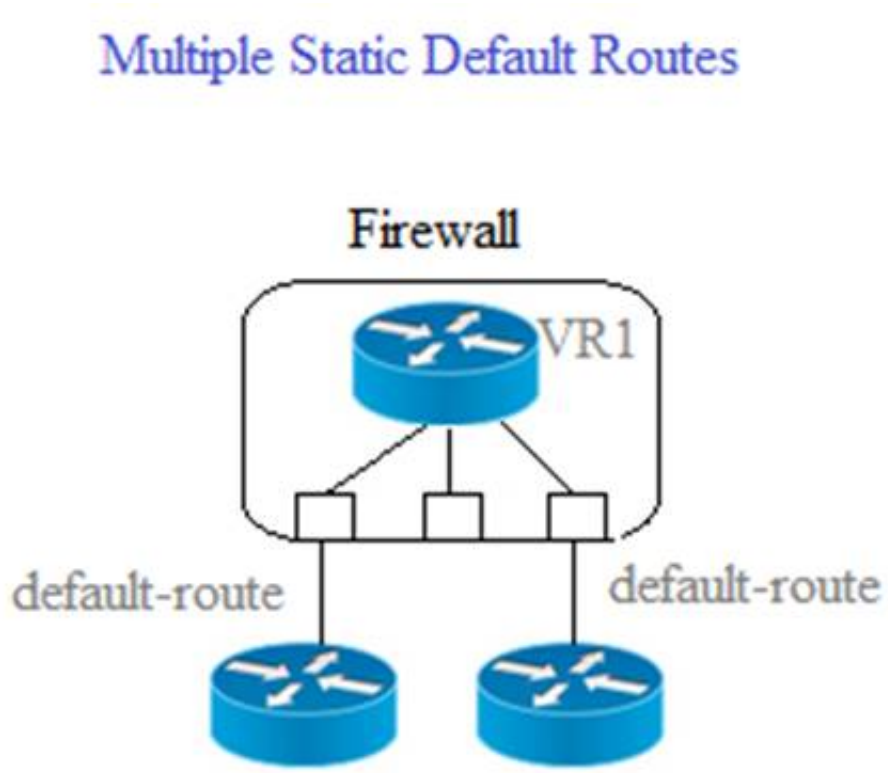
Answer: C

NEW QUESTION 228
Which statement is true regarding a Best Practice Assessment?

A. The BPA tool can be run only on firewalls
B. It provides a percentage of adoption for each assessment data
C. The assessment, guided by an experienced sales engineer, helps determine the areas of greatest risk where you should focus prevention activities
D. It provides a set of questionnaires that help uncover security risk prevention gaps across all areas of network and security architecture

Answer: C

NEW QUESTION 230
Given the scenario, which two statements are correct regarding multiple static default routes? (Choose two.)



Path monitoring does not determine if route is useable
A
B: Route with highest metric is actively used
C. Path monitoring determines if route is useable
D. Route with lowest metric is actively used

Answer: CD

NEW QUESTION 233
A network has 10 domain controllers, multiple WAN links, and a network infrastructure with bandwidth needed to support mission-critical applications. Given the scenario, which type of User-ID agent is considered a best practice by Palo Alto Networks?

Windows-based agent on a domain controller
A
B: Captive Portal
C. Citrix terminal server with adequate data-plane resources
D. PAN-OS integrated agent

Answer: A

NEW QUESTION 237
Which type of address object is "10 5 1 1/0 127 248 2"?

A. IP subnet
B. IP wildcard mask
C. IP netmask
D. IP range

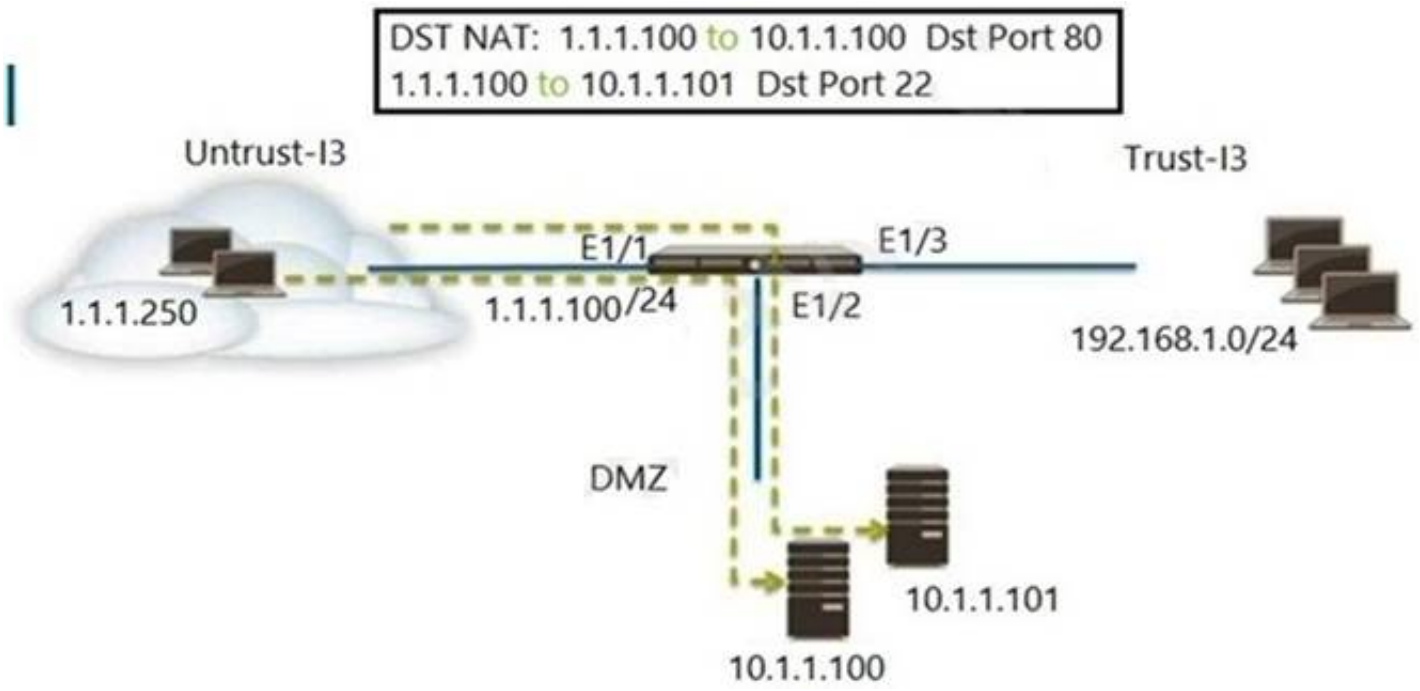
Answer: B

NEW QUESTION 239
Palo Alto Networks firewall architecture accelerates content map minimizing latency using which two components'? (Choose two)

A. Network Processing Engine
Single Stream-based Engine
B
C: Policy Engine
D. Parallel Processing Hardware

Answer: B

NEW QUESTION 241
FILL IN THE BLANK
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 DMZ (1.1.1.100), ssh - Allow

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 (10.1.1.100. 10.1.1.101), ssh, web-browsing-Allow
D. Untrust (Any) to DMZ (1.1.1.100), web-browsing - Allow

Answer: AE

NEW QUESTION 244

Why should a company have a File Blocking profile that is attached to a Security policy?

A. To block uploading and downloading of specific types of files
B. To detonate files in a sandbox environment
C. To analyze file types
D. To block uploading and downloading of any type of files

Answer: A

NEW QUESTION 247
An administrator wishes to follow best practices for logging traffic that traverses the firewall Which log setting is correct?

A. Disable all logging
B. Enable Log at Session End
C. Enable Log at Session Start
D. Enable Log at both Session Start and End

Answer: B

Explanation:

Reference:
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000Clt5CAC

NEW QUESTION 251
How often does WildFire release dynamic updates?

A. every 5 minutes
B. every 15 minutes
C. every 60 minutes
D. every 30 minutes

Answer: A

NEW QUESTION 253
An administrator would like to override the default deny action for a given application and instead would like to block the traffic and send the ICMP code "communication with the destination is administratively prohibited"
Which security policy action causes this?

A. Drop
B. Drop, send ICMP Unreachable
C. Reset both
D. Reset server

Answer: B

NEW QUESTION 254
A website is unexpectedly allowed due to miscategorization.
What are two ways to resolve this issue for a proper response? (Choose two.)

A. Identify the URL category being assigned to the website.Edit the active URL Filtering profile and update that category's site access settings to block.
B. Create a URL category and assign the affected URL.Update the active URL Filtering profile site access setting for the custom URL category to block.
C. Review the categorization of the website on https://urlfiltering.paloaltonetworks.co
D. Submit for "request change*, identifying the appropriate categorization, and wait for confirmation before testing again.
E. Create a URL category and assign the affected URL.Add a Security policy with a URL category qualifier of the custom URL category below the original polic
F. Set the policy action to Deny.

Answer: CD

NEW QUESTION 257
Which two features can be used to tag a user name so that it is included in a dynamic user group? (Choose two)

A. XML API
B. log forwarding auto-tagging
C. GlobalProtect agent
D. User-ID Windows-based agent

Answer: AD

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/url-filtering/url-filtering-concepts/url-filtering-profile-actions

NEW QUESTION 258
Which type of profile must be applied to the Security policy rule to protect against buffer overflows illegal code execution and other attempts to exploit system flaws?

A. anti-spyware
B. URL filtering
C. vulnerability protection
D. file blocking

Answer: C

Explanation:

Reference:https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-web-interface-help/objects/objects-security-profiles-vulnerability-protection.html
Vulnerability Protection Security Profiles protect against threats entering the network. For example, Vulnerability Protection Security Profiles protect against buffer overflows, illegal code execution, and other attempts to exploit system vulnerabilities. The default Vulnerability Protection Security Profile protects clients and servers from all known critical-, high-, and medium-severity threats. You also can create exceptions that enable you to change the response to a specific signature.

NEW QUESTION 262
Where within the firewall GUI can all existing tags be viewed?

A. Network > Tags
B. Monitor > Tags
C. Objects > Tags
D. Policies > Tags

Answer: C

NEW QUESTION 267
A network administrator created an intrazone Security policy rule on the firewall. The source zones were set to IT. Finance, and HR.
Which two types of traffic will the rule apply to? (Choose two)

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 268
You receive notification about new malware that is being used to attack hosts The malware exploits a software bug in a common application
Which Security Profile detects and blocks access to this threat after you update the firewall's threat signature database?

A. Data Filtering Profile applied to outbound Security policy rules
B: Antivirus Profile applied to outbound Security policy rules
C. Data Filtering Profile applied to inbound Security policy rules
D. Vulnerability Profile applied to inbound Security policy rules

Answer: B

NEW QUESTION 269
Which component is a building block in a Security policy rule?

A. decryption profile
B. destination interface
C. timeout (min)
D. application

Answer: D

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-web-interface-help/policies/policies-security/buildingblocks-in-a-security-policy-rule.html

NEW QUESTION 273
Which firewall feature do you need to configure to query Palo Alto Networks service updates over a data-plane interface instead of the management interface?

A. Data redistribution
B. Dynamic updates
C. SNMP setup
D. Service route

Answer: D

NEW QUESTION 276
How frequently can wildfire updates be made available to firewalls?

A. every 15 minutes
B. every 30 minutes
C. every 60 minutes
D. every 5 minutes

Answer: D

NEW QUESTION 279
An administrator is trying to enforce policy on some (but not all) of the entries in an external dynamic list. What is the maximum number of entries that they can be exclude?

A. 50
B. 100
C. 200
D. 1,000

Answer: B

NEW QUESTION 283
What must be considered with regards to content updates deployed from Panorama?

A. Content update schedulers need to be configured separately per device group.
B. Panorama can only install up to five content versions of the same type for potential rollback scenarios.
C. A PAN-OS upgrade resets all scheduler configurations for content updates.
D. Panorama can only download one content update at a time for content updates of the same type.

Answer: D

Explanation:

Reference:https://docs.paloaltonetworks.com/panorama/9-1/panorama-admin/manage-licenses-and-updates/deploy-updates-to-firewalls-log-collectors-and-wildfire-appliances-using-panorama/schedule-a-content-update-using-panorama.html

NEW QUESTION 287
An administrator wants to prevent users from submitting corporate credentials in a phishing attack.
Which Security profile should be applied?

A. antivirus
B. anti-spyware
C. URL filtering
D. vulnerability protection

Answer: B

NEW QUESTION 288
Which statement is true regarding a Prevention Posture Assessment?

A. The Security Policy Adoption Heatmap component filters the information by device groups, serial numbers, zones, areas of architecture, and other categories
B. It provides a set of questionnaires that help uncover security risk prevention gaps across all areas of network and security architecture
C. It provides a percentage of adoption for each assessment area
D. It performs over 200 security checks on Panorama/firewall for the assessment

Answer: B

NEW QUESTION 292
The compliance officer requests that all evasive applications need to be blocked on all perimeter firewalls out to the internet The firewall is configured with two zones;
* 1. trust for internal networks
* 2. untrust to the internet
Based on the capabilities of the Palo Alto Networks NGFW, what are two ways to configure a security policy using App-ID to comply with this request? (Choose two)

A. Create a deny rule at the top of the policy from trust to untrust with service application- default and add an application filter with the evasive characteristic
B. Create a deny rule at the top of the policy from trust to untrust over any service and select evasive as the application
C. Create a deny rule at the top of the policy from trust to untrust with service application- default and select evasive as the application
D. Create a deny rule at the top of the policy from trust to untrust over any service and add an application filter with the evasive characteristic

Answer: AD

NEW QUESTION 294
What are the two default behaviors for the intrazone-default policy? (Choose two.)

A. Allow
B. Logging disabled
C. Log at Session End
D. Deny

Answer: AB

NEW QUESTION 296
Which two statements are true for the DNS security service introduced in PAN-OS version 10.0?

A. It functions like PAN-DB and requires activation through the app portal.
B. It removes the 100K limit for DNS entries for the downloaded DNS updates.
C. IT eliminates the need for dynamic DNS updates.
D. IT is automatically enabled and configured.

Answer: AB

NEW QUESTION 300
An administrator is troubleshooting an issue with traffic that matches the intrazone-default rule, which is set to default configuration.
What should the administrator do?

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 304
Which five Zero Trust concepts does a Palo Alto Networks firewall apply to achieve an integrated approach to prevent threats? (Choose five.)

A. User identification
B. Filtration protection
C. Vulnerability protection
D. Antivirus
E. Application identification
F. Anti-spyware

Answer: ACDEF

NEW QUESTION 309
Which URL profiling action does not generate a log entry when a user attempts to access that URL?

A. Override
B. Allow
C. Block
D. Continue

Answer: B

NEW QUESTION 314
Recently changes were made to the firewall to optimize the policies and the security team wants to see if those changes are helping.

What is the quickest way to reset the hit counter to zero in all the security policy rules?

A. At the CLI enter the command reset rules and press Enter
B. Highlight a rule and use the Reset Rule Hit Counter > Selected Rules for each rule
C. Reboot the firewall
D. Use the Reset Rule Hit Counter > All Rules option

Answer: D

NEW QUESTION 316
An administrator would like to see the traffic that matches the interzone-default rule in the traffic logs.
What is the correct process to enable this logging1?

A. Select the interzone-default rule and edit the rule on the Actions tab select Log at Session Start and click OK
B. Select the interzone-default rule and edit the rule on the Actions tab select Log at Session End and click OK
C. This rule has traffic logging enabled by default no further action is required
D. Select the interzone-default rule and click Override on the Actions tab select Log at Session End and click OK

Answer: D

NEW QUESTION 317
.....

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