Paloalto-Networks

Exam Questions PCNSA

Palo Alto Networks Certified Network Security Administrator

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 rule would be needed to match traffic that passes between the Outside zone and Inside zone, but does not match traffic that passes within the zones?

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

Answer: B

NEW QUESTION 3
Which update option is not available to administrators?

A. New Spyware Notifications
B. New URLs
C. New Application Signatures
D. New Malicious Domains
E. New Antivirus Signatures

Answer: B

NEW QUESTION 4
Which object would an administrator create to enable access to all applications in the office-programs subcategory?

A. application filter
B. URL category
C. HIP profile
D. application group

Answer: A

NEW QUESTION 5
Which attribute can a dynamic address group use as a filtering condition to determine its membership?

A. tag
B. wildcard mask
C. IP address
D. subnet mask

Answer: A

Explanation:
Dynamic Address Groups: A dynamic address group populates its members dynamically using looks ups for tags and tag-based filters. Dynamic address groups are very useful if you have an extensive virtual infrastructure where changes in virtual machine location/IP address are frequent. For example, you have a sophisticated failover setup or provision new virtual machines frequently and would like to apply policy to traffic from or to the new machine without modifying the configuration/rules on the firewall. https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-web-interface-help/objects/objects- address-groups

NEW QUESTION 6
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?

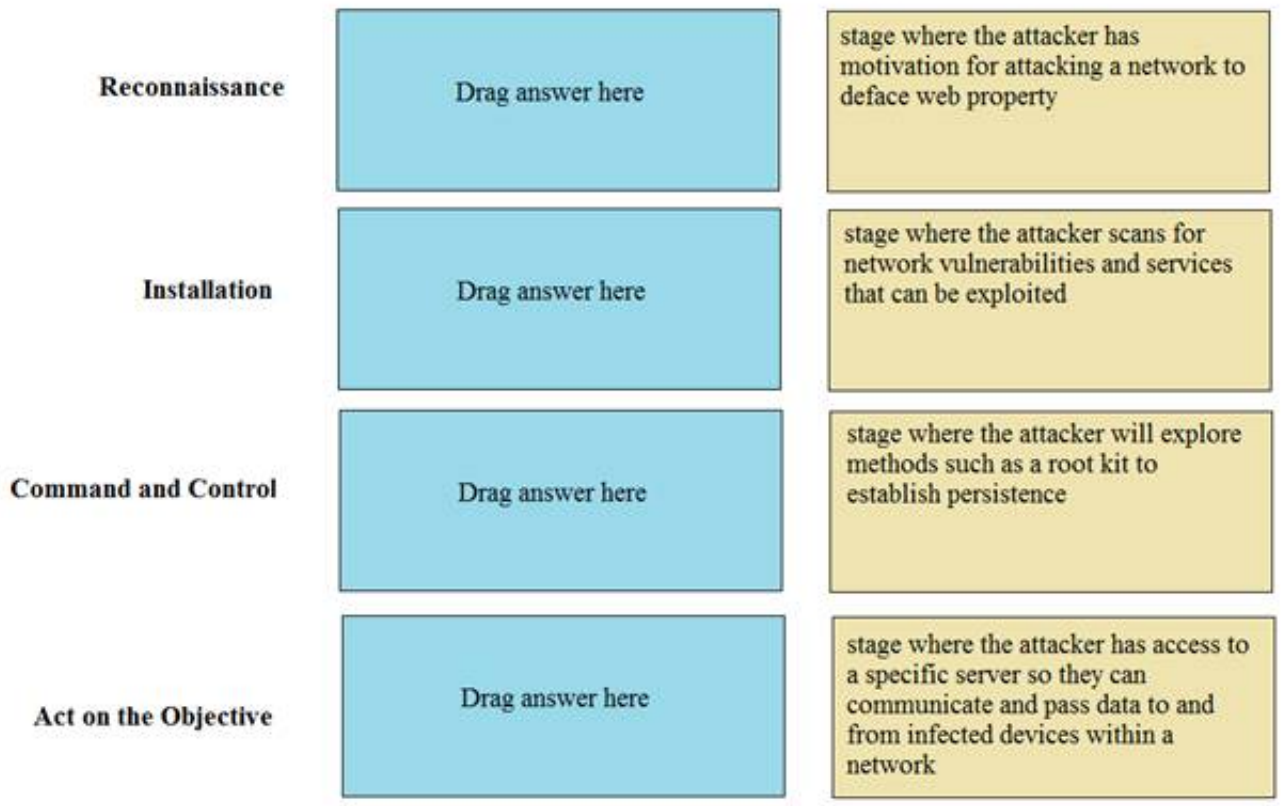
A.

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 7
DRAG DROP
Match the Cyber-Attack Lifecycle stage to its correct description.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reconnaissance – stage where the attacker scans for network vulnerabilities and services that can be exploited.
Installation – stage where the attacker will explore methods such as a root kit to establish persistence
Command and Control – stage where the attacker has access to a specific server so they can communicate and pass data to and from infected devices within a network.
Act on the Objective – stage where an attacker has motivation for attacking a network to deface web property

NEW QUESTION 8
Actions can be set for which two items in a URL filtering security profile? (Choose two.)

A. Block List

B. Custom URL Categories
C. PAN-DB URL Categories
D. Allow List

Answer: AD

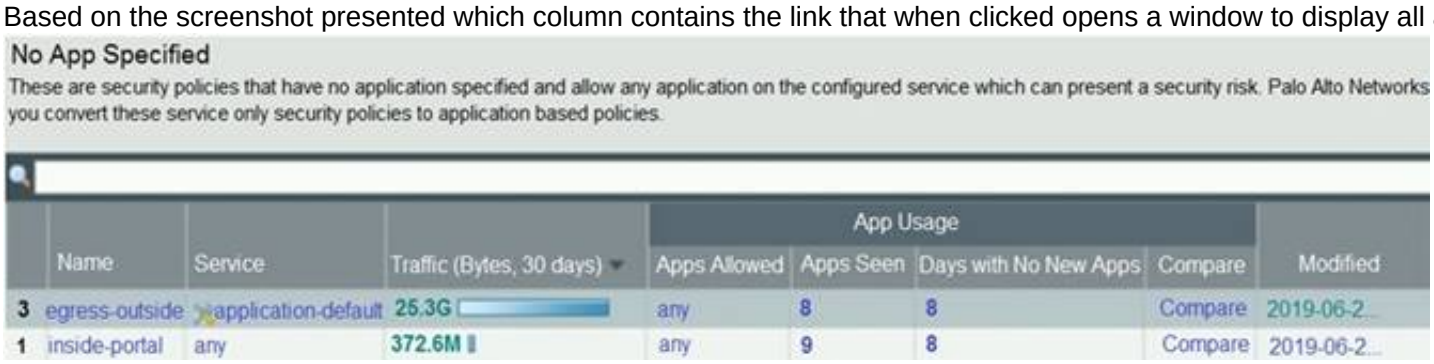
Explanation:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/url-filtering/url-filtering-concepts/url-filtering-profile-actions

NEW QUESTION 9
What is a prerequisite before enabling an administrative account which relies on a local firewall user database?

A. Configure an authentication policy
B. Configure an authentication sequence
C. Configure an authentication profile
D. Isolate the management interface on a dedicated management VLAN

Answer: C

NEW QUESTION 10
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 10
Which security profile will provide the best protection against ICMP floods, based on individual combinations of a packet`s source and destination IP address?

A. DoS protection
B. URL filtering
C. packet buffering
D. anti-spyware

Answer: A

NEW QUESTION 14
Based on the show security policy rule would match all FTP traffic from the inside zone to the outside zone?

A. internal-inside-dmz
B. engress outside
C. inside-portal
D. intercone-default

Answer: B

NEW QUESTION 16
Which type of security policy rule will match traffic that flows between the Outside zone and inside zone, but would not match traffic that flows within the zones?

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

Answer: C

Explanation:
Reference:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/software-and-content- updates/dynamic-contentupdates.html#:~:text=WildFire%20signature%20updates%20are%20made,within% 20a%20minute%20of %20availability

NEW QUESTION 21
Which object would an administrator create to enable access to all applications in the office-programs subcategory?

A. HIP profile
B. Application group
C. URL category
D. Application filter

Answer: C

NEW QUESTION 23
When HTTPS for management and GlobalProtect are enabled on the same interface, which TCP port is used for management access?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000Cm8SCAS#:~:text=Details,using%20https%20on%20port%204443

NEW QUESTION 28
What is considered best practice with regards to committing configuration changes?

A. Disable the automatic commit feature that prioritizes content database installations before committing
B. Validate configuration changes prior to committing
C. Wait until all running and pending jobs are finished before committing
D. Export configuration after each single configuration change performed

Answer: A

NEW QUESTION 29
What two authentication methods on the Palo Alto Networks firewalls support authentication and authorization for role-based access control? (Choose two.)

A. SAML
B. TACACS+
C. LDAP
D. Kerberos

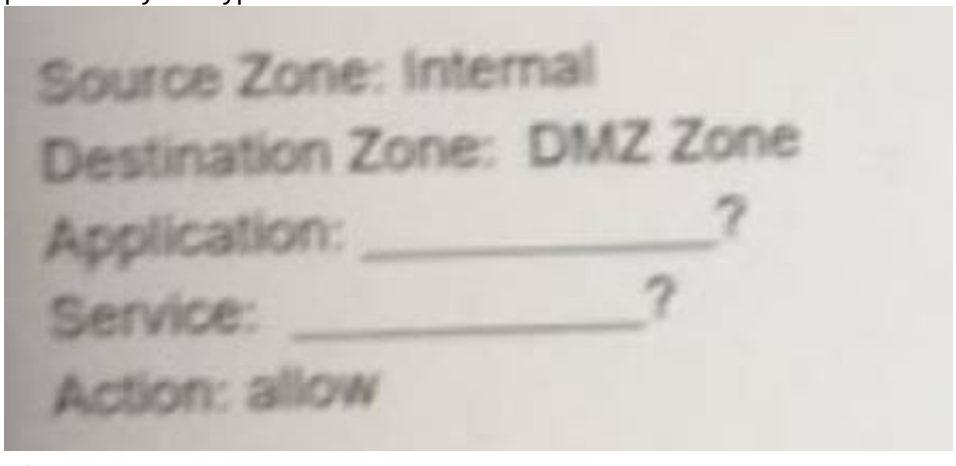
Answer: AB

Explanation:

Reference:https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/firewall-administration/manage-firewall-

administrators/administrative-authentication.html
The administrative accounts are defined on an external SAML, TACACS+, or RADIUS server. The server performs both authentication and authorization. For authorization, you define Vendor-Specific Attributes (VSAs) on the TACACS+ or RADIUS server, or SAML attributes on the SAML server. PAN-OS maps the attributes to administrator roles, access domains, user groups, and virtual systems that you define on the firewall.

NEW QUESTION 32
All users from the internal zone must be allowed only Telnet access to a server in the DMZ zone. Complete the two empty fields in the Security Policy rules that permits only this type of access.



Choose two.

A.

Service = "any"
B. Application = "Telnet"
C. Service - "application-default"
D. Application = "any"

Answer: BC

NEW QUESTION 33
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 36
Which action results in the firewall blocking network traffic with out notifying the sender?

A. Drop
B. Deny
C. Reset Server
D. Reset Client

Answer: B

NEW QUESTION 38
What is an advantage for using application tags?

A. They are helpful during the creation of new zones
B. They help with the design of IP address allocations in DHCP.
C. They help content updates automate policy updates
D. They help with the creation of interfaces

Answer: C

NEW QUESTION 42
How do you reset the hit count on a security policy rule?

A. First disable and then re-enable the rule.
B. Reboot the data-plane.
C. Select a Security policy rule, and then select Hit Count > Reset.
D. Type the CLI command reset hitcount <POLICY-NAME>.

Answer: C

NEW QUESTION 43
Which two App-ID applications will need to be allowed to use Facebook-chat? (Choose two.)

A. facebook
B. facebook-chat
C. facebook-base
D. facebook-email

Answer: BC

NEW QUESTION 45
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 47
Which data flow direction is protected in a zero trust firewall deployment that is not protected in a perimeter-only firewall deployment?

A. outbound
B. north south
C. inbound
D. east west

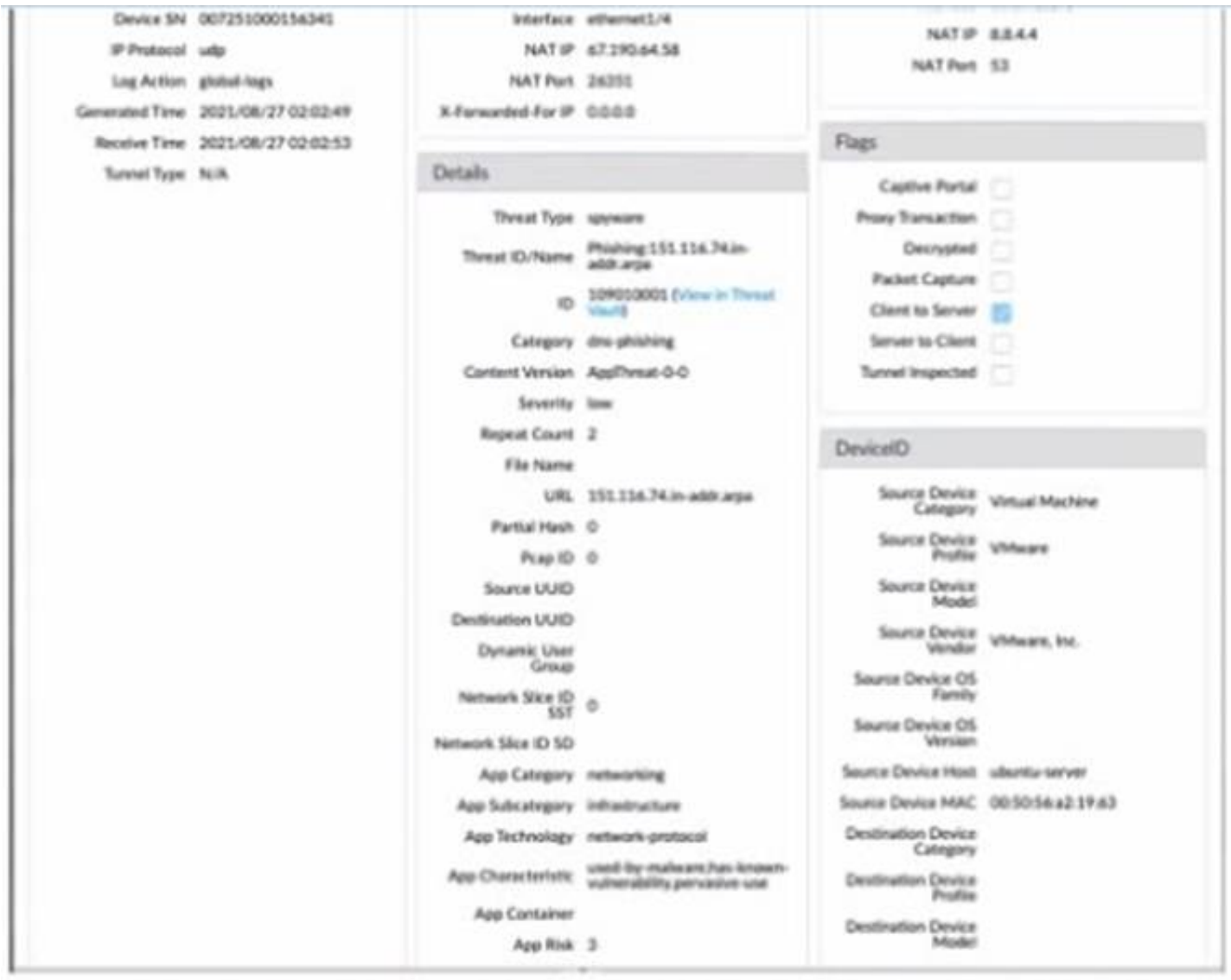
Answer: D

NEW QUESTION 51
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 55
Given the detailed log information above, what was the result of the firewall traffic inspection?



A. It was blocked by the Vulnerability Protection profile action.
B. It was blocked by the Anti-Virus Security profile action.
C. It was blocked by the Anti-Spyware Profile action.
D. It was blocked by the Security policy action.

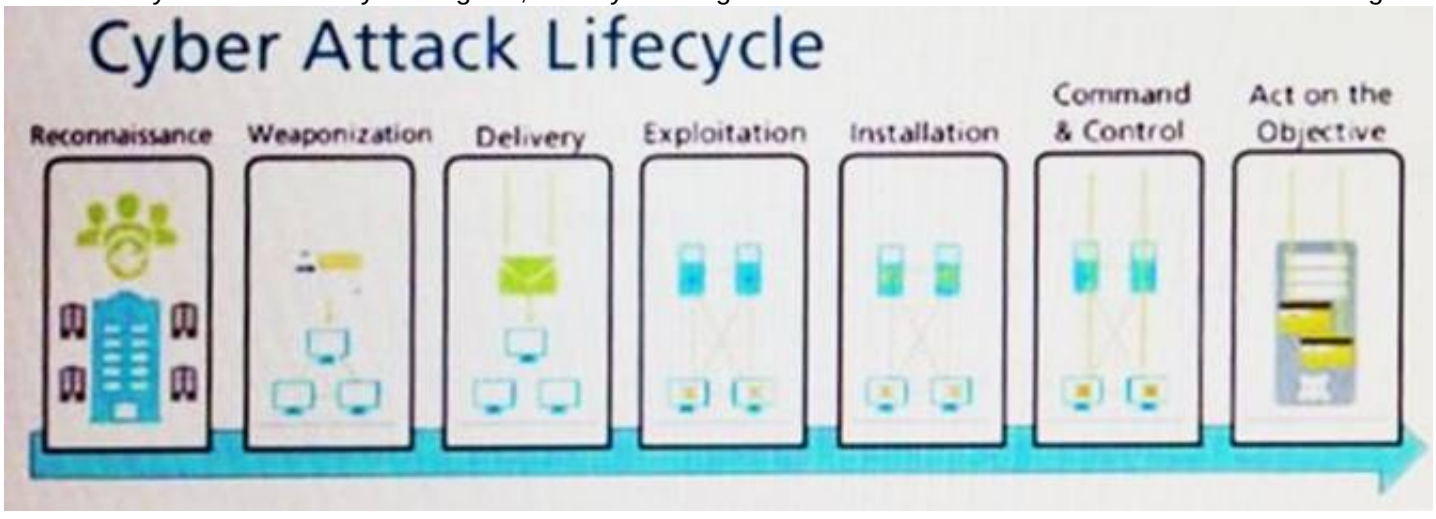
Answer: C

NEW QUESTION 58
What are two valid selections within an Antivirus profile? (Choose two.)

A. deny
B. drop
C. default
D. block-ip

Answer: BC

NEW QUESTION 59
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 60
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 62
An address object of type IP Wildcard Mask can be referenced in which part of the configuration?

A. Security policy rule
B. ACC global filter
C. external dynamic list
D. NAT address pool

Answer: A

Explanation:
You can use an address object of type IP Wildcard Mask only in a Security policy rule.
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-web-interface-help/objects/objects- addresses
IP Wildcard Mask—Enter an IP wildcard address in the format of an IPv4 address followed by a slash and a mask (which must begin with a zero); for example, 10.182.1.1/0.127.248.0. In the wildcard mask, a zero (0) bit indicates that the bit being compared must match the bit in the IP address that is covered by the 0. A one (1) bit in the mask is a wildcard bit, meaning the bit being compared need not match the bit in the IP address that is covered by the 1. Convert the IP address and the wildcard mask to binary. To illustrate the matching: on binary snippet 0011, a wildcard mask of 1010 results in four matches (0001, 0011, 1001, and 1011).

NEW QUESTION 64
How is the hit count reset on a rule?

A. select a security policy rule, right click Hit Count > Reset
B. with a dataplane reboot
C. Device > Setup > Logging and Reporting Settings > Reset Hit Count
D. in the CLI, type command reset hitcount <POLICY-NAME>

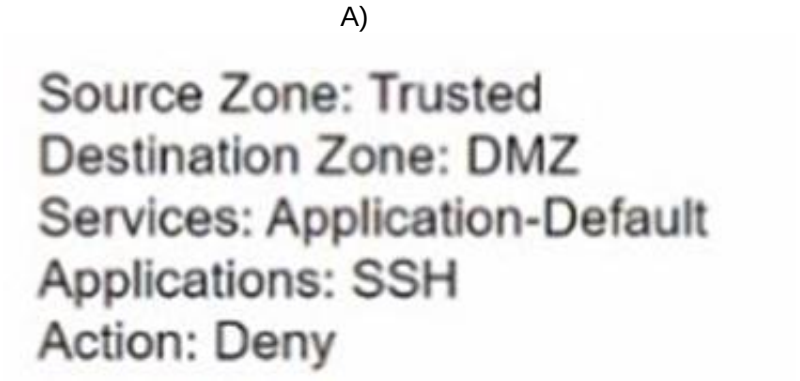
Answer: A

NEW QUESTION 66
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?

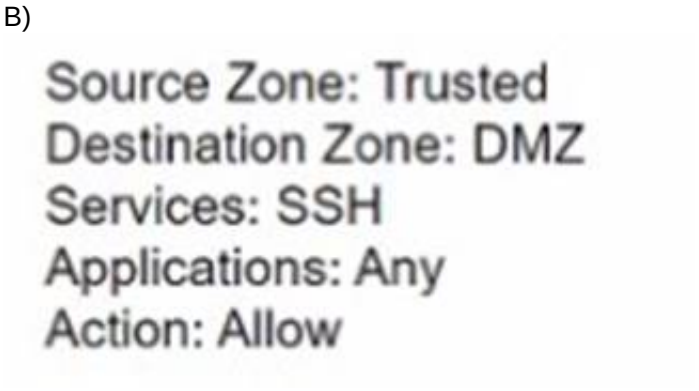
A. Rule Usage Filter > No App Specified
B. Rule Usage Filter >Hit Count > Unused in 30 days
C. Rule Usage Filter > Unused Apps
D. Rule Usage Filter > Hit Count > Unused in 90 days

Answer: D

NEW QUESTION 69
If users from the Trusted zone need to allow traffic to an SFTP server in the DMZ zone, how should a Security policy with App-ID be configured?
A)

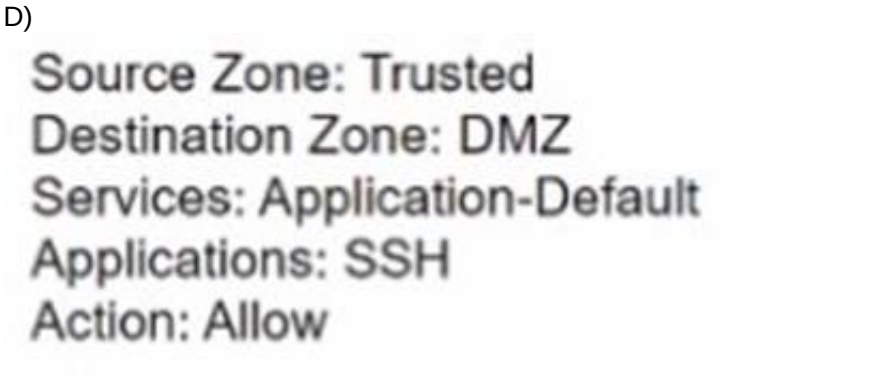


B)



C)

D)



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

Answer: D

NEW QUESTION 71
Which option lists the attributes that are selectable when setting up an Application filters?

A. Category, Subcategory, Technology, and Characteristic
B. Category, Subcategory, Technology, Risk, and Characteristic
C. Name, Category, Technology, Risk, and Characteristic
D. Category, Subcategory, Risk, Standard Ports, and Technology

Answer: B

Explanation:
Explanation/Reference: Reference:
https://docs.paloaltonetworks.com/pan-os/7-1/pan-os-web-interface-help/objects/objects- application- filters

NEW QUESTION 76
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 79
All users from the internal zone must be allowed only HTTP access to a server in the DMZ zone.
Complete the empty field in the Security policy using an application object to permit only this type of access.
Source Zone: Internal - Destination Zone: DMZ Zone -
Application:
Service: application-default -
Action: allow

A. Application = "any"
B. Application = "web-browsing"
C. Application = "ssl"
D. Application = "http"

Answer: B

NEW QUESTION 83
An administrator configured a Security policy rule with an Antivirus Security profile. The administrator did not change the action (or the profile. If a virus gets detected, how wilt the firewall handle the traffic?

A. It allows the traffic because the profile was not set to explicitly deny the traffic.
B. It drops the traffic because the profile was not set to explicitly allow the traffic.
C. It uses the default action assigned to the virus signature.
D. It allows the traffic but generates an entry in the Threat logs.

Answer: B

NEW QUESTION 88
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 90
Which interface does not require a MAC or IP address?

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

Answer: A

NEW QUESTION 95
Which profile should be used to obtain a verdict regarding analyzed files?

A. WildFire analysis
B. Vulnerability profile
C. Content-ID
D: Advanced threat prevention

Answer: A

Explanation:
? A profile is a set of rules or settings that defines how the firewall performs a specific function, such as detecting and preventing threats, filtering URLs, or decrypting traffic1.
? There are different types of profiles that can be applied to different types of traffic or scenarios, such as Antivirus, Anti-Spyware, Vulnerability Protection, URL Filtering, File Blocking, Data Filtering, Decryption, or WildFire Analysis1.
? The WildFire Analysis profile is a profile that enables the firewall to submit unknown files or email links to the cloud-based WildFire service for analysis and verdict determination2. WildFire is the industry's most advanced analysis and prevention engine for highly evasive zero-day exploits and malware3. WildFire uses a variety of malware detection techniques, such as static analysis, dynamic analysis, machine learning, and intelligent run-time memory analysis, to identify and protect against unknown threats34.

? The Vulnerability Protection profile is a profile that protects the network from exploits that target known software vulnerabilities. It allows the administrator to configure the actions and log settings for each vulnerability severity level, such as critical, high, medium, low, or informational5.
? Content-ID is not a profile, but a feature of the firewall that performs multiple functions to identify and control applications, users, content, and threats on the network. Content-ID consists of four components: App-ID, User-ID, Content Inspection, and Threat Prevention.
? Advanced Threat Prevention is not a profile, but a term that refers to the comprehensive approach of Palo Alto Networks to prevent sophisticated and unknown threats. Advanced Threat Prevention includes WildFire, but also other products and services, such as DNS Security, Cortex XDR, Cortex XSOAR, and AutoFocus.
Therefore, the profile that should be used to obtain a verdict regarding analyzed files is the WildFire Analysis profile.
References:
1: Security Profiles - Palo Alto Networks 2: WildFire Analysis Profile - Palo Alto
Networks 3: WildFire - Palo Alto Networks 4: Advanced Wildfire as an ICAP Alternative | Palo Alto Networks 5: Vulnerability Protection Profile - Palo Alto Networks
: [Content-ID - Palo Alto Networks] : [Advanced Threat Prevention - Palo Alto Networks]

NEW QUESTION 97
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

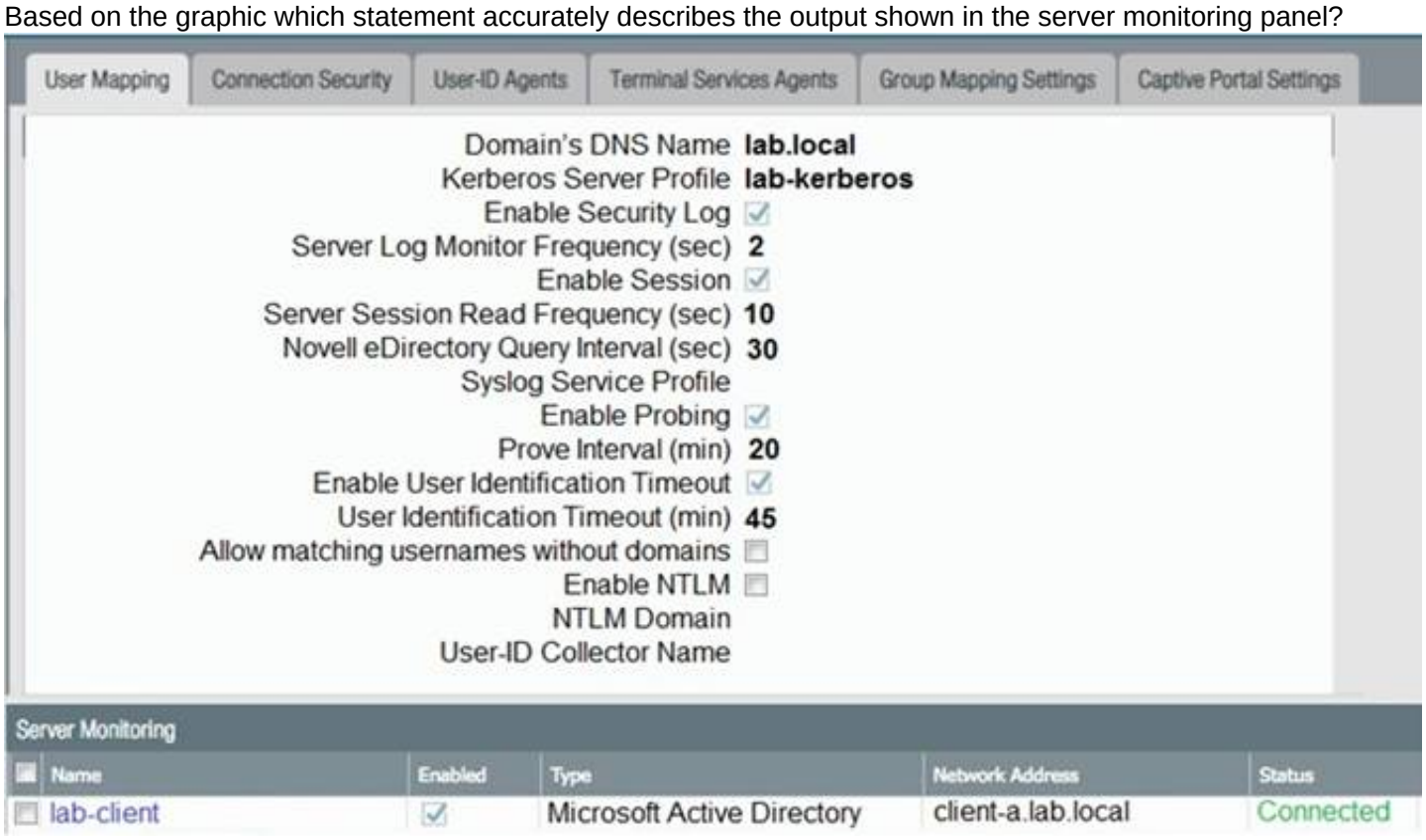
Answer: A

NEW QUESTION 99
What are the requirements for using Palo Alto Networks EDL Hosting Sen/ice?

A. any supported Palo Alto Networks firewall or Prisma Access firewall
B. an additional subscription free of charge
C. a firewall device running with a minimum version of PAN-OS 10.1
D. an additional paid subscription

Answer: A

NEW QUESTION 102
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 104
Based on the screenshot what is the purpose of the included groups?

A. They are only groups visible based on the firewall's credentials.
B. They are used to map usernames to group names.
C. They contain only the users you allow to manage the firewall.

D. They are groups that are imported from RADIUS authentication servers.

Answer: B

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/user-id/map-users-to- groups.html

NEW QUESTION 106
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 108
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 109
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 111
What must be configured for the firewall to access multiple authentication profiles for external services to authenticate a non-local account?

A. authentication sequence
B. LDAP server profile
C. authentication server list
D. authentication list profile

Answer: A

NEW QUESTION 114

What is the correct process tor creating a custom URL category?

A. Objects > Security Profiles > URL Category > Add
B. Objects > Custom Objects > URL Filtering > Add
C. Objects > Security Profiles > URL Filtering > Add
D. Objects > Custom Objects > URL Category > Add

Answer: D

Explanation:

NEW QUESTION 117
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 118
Given the detailed log information above, what was the result of the firewall traffic inspection?

A. It was blocked by the Anti-Virus Security profile action.
B. It was blocked by the Anti-Spyware Profile action.
C. It was blocked by the Vulnerability Protection profile action.
D. It was blocked by the Security policy action.

Answer: B

NEW QUESTION 123
Which license must an Administrator acquire prior to downloading Antivirus Updates for use with the firewall?

A. Threat Prevention License
B. Threat Implementation License
C. Threat Environment License
D. Threat Protection License

Answer: A

NEW QUESTION 126
Which URL Filtering profile action would you set to allow users the option to access a site only if they provide a URL admin password?

A. override
B. authorization
C. authentication
D. continue

Answer: B

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/url-filtering/url-filtering- concepts/url- filteringprofile-actions.html

NEW QUESTION 131
Assume that traffic matches a Security policy rule but the attached Security Profiles is configured to block matching traffic

Which statement accurately describes how the firewall will apply an action to matching traffic?

A. If it is an allowed rule, then the Security Profile action is applied last
B. If it is a block rule then the Security policy rule action is applied last
C. If it is an allow rule then the Security policy rule is applied last
D. If it is a block rule then Security Profile action is applied last

Answer: A

NEW QUESTION 133
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 135
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 136
How does an administrator schedule an Applications and Threats dynamic update while delaying installation of the update for a certain amount of time?

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

Answer: D

NEW QUESTION 140
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 143
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 147
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 151
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 152
Which service protects cloud-based applications such as Dropbox and Salesforce by administering permissions and scanning files for sensitive information?

A. Aperture
B. AutoFocus
C. Parisma SaaS
D. GlobalProtect

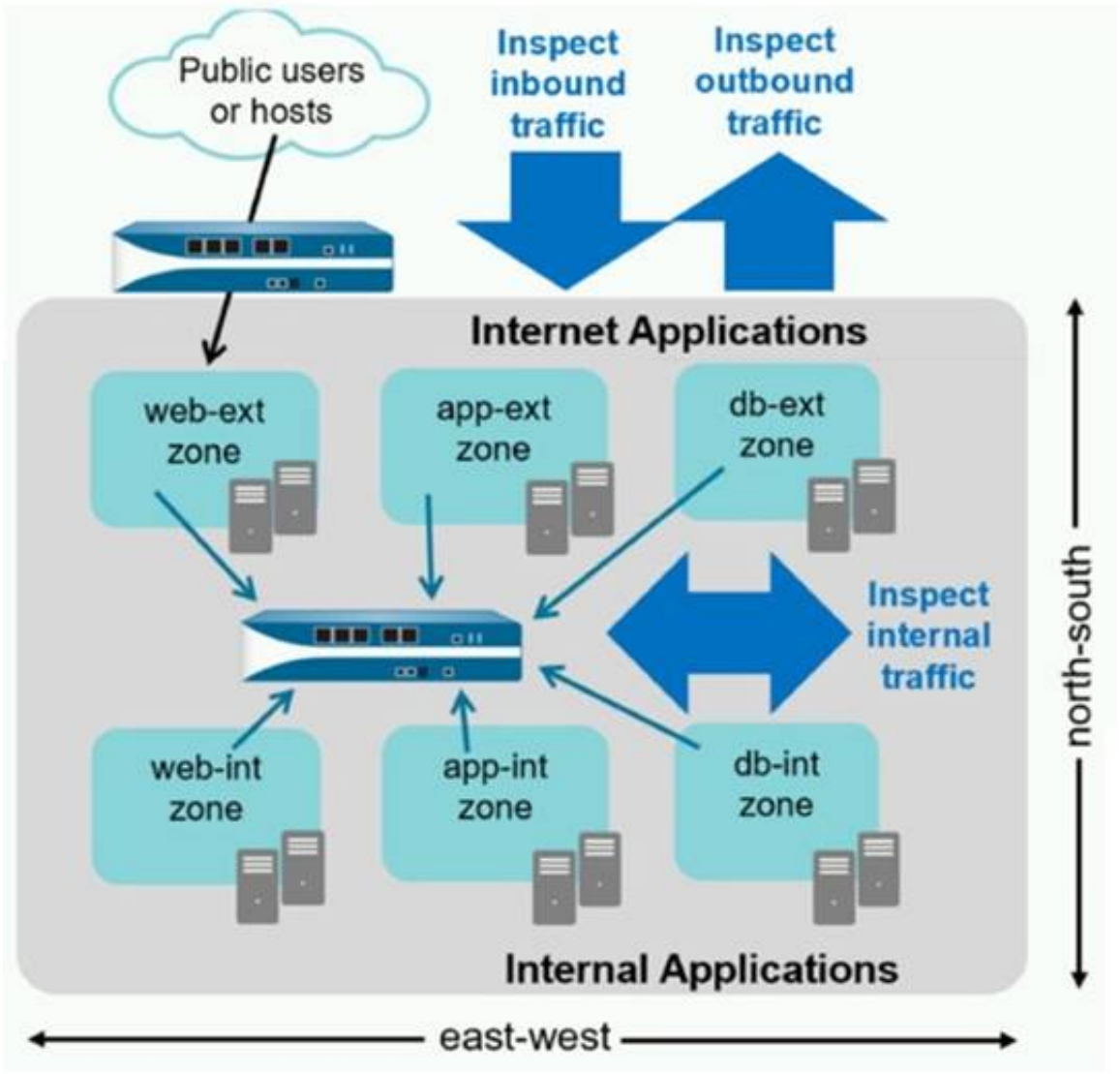
Answer: C

NEW QUESTION 156
An administrator is troubleshooting traffic that should match the interzone-default rule. However, the administrator doesn't see this traffic in the traffic logs on the firewall. The interzone-default was never changed from its default configuration.
Why doesn't the administrator see the traffic?

A. Traffic is being denied on the interzone-default policy.
B. The Log Forwarding profile is not configured on the policy.
C. The interzone-default policy is disabled by default
D. Logging on the interzone-default policy is disabled

Answer: D

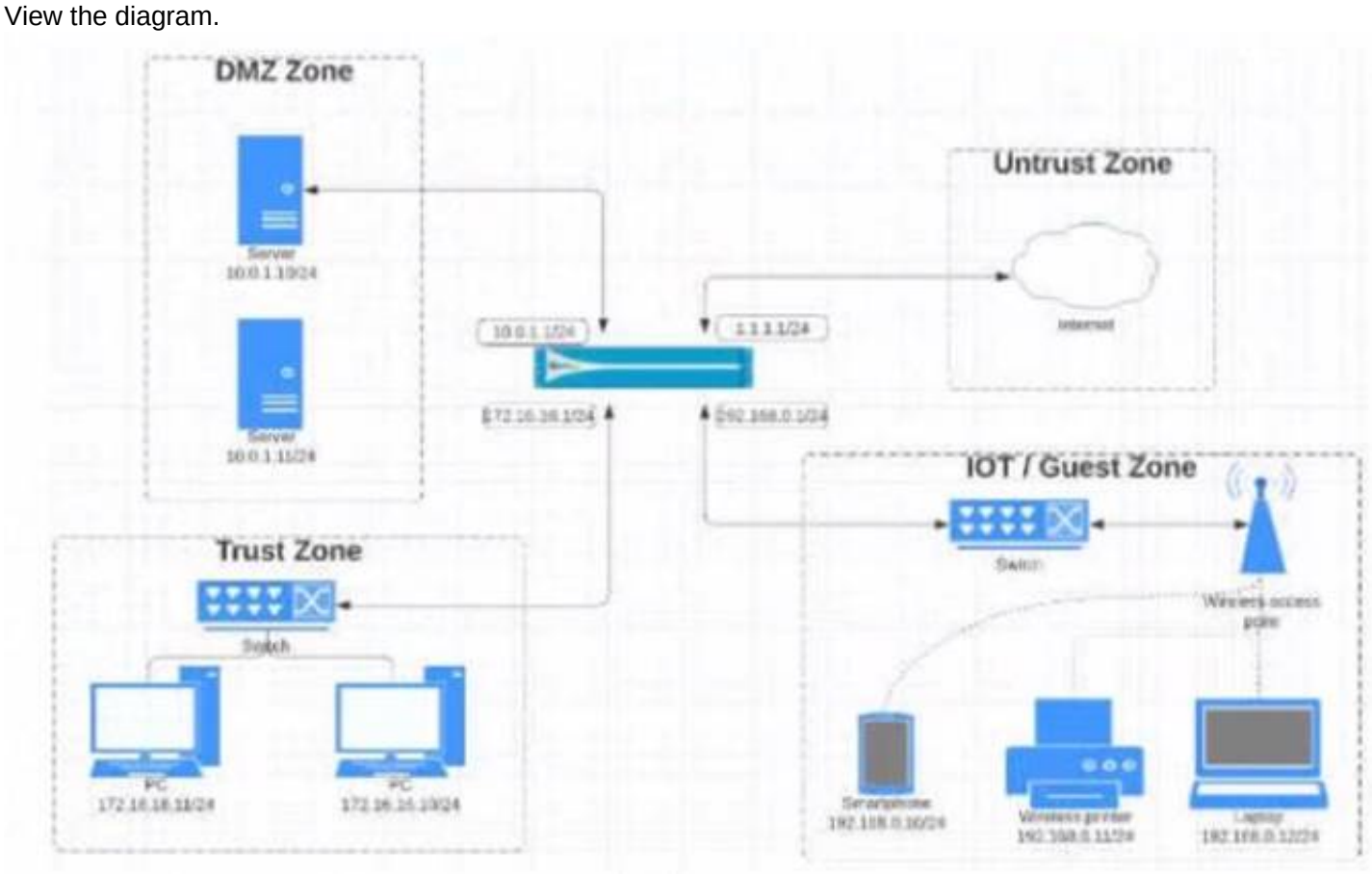
NEW QUESTION 158
An administrator notices that protection is needed for traffic within the network due to malicious lateral movement activity. Based on the image shown, which traffic would the administrator need to monitor and block to mitigate the malicious activity?



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

Answer: D

NEW QUESTION 160
View the diagram.



What is the most restrictive yet fully functional rule to allow general Internet and SSH traffic into both the DMZ and Untrust/Internet zones from each of the lOT/Guest and Trust Zones?
A)

	Source			Destination						
	ADDRESS	USER	DEVICE	ZONE	ADDRESS	DEVICE	APPLICATION	SERVICE	URL CATEGORY	ACTION
Guest	172.16.16.0/24 192.168.0.0/24	any	any	DMZ Untrust	1.1.1.0/24 10.0.1.0/24	any	ssh ssl web-browsing	application-default	any	Allow

B)

C)

D)

A. Option A
B. Option B
C. Option C

Option D

D.

Answer: C

NEW QUESTION 163
Which path is used to save and load a configuration with a Palo Alto Networks firewall?

A. Device>Setup>Services
B. Device>Setup>Management
C. Device>Setup>Operations
D. Device>Setup>Interfaces

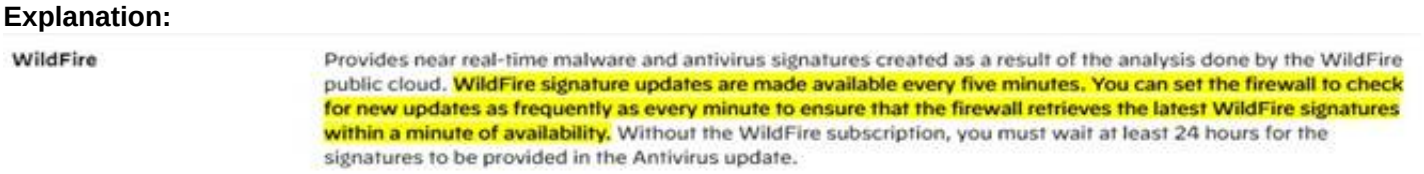
Answer: C

NEW QUESTION 164
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:



NEW QUESTION 165
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 169
In a File Blocking profile, which two actions should be taken to allow file types that support critical apps? (Choose two.)

A. Clone and edit the Strict profile.
B. Use URL filtering to limit categories in which users can transfer files.
C. Set the action to Continue.
D. Edit the Strict profile.

Answer: AD

NEW QUESTION 174
What is the purpose of the automated commit recovery feature?

A. It reverts the Panorama configuration.
B. It causes HA synchronization to occur automatically between the HA peers after a push from Panorama.
C. It reverts the firewall configuration if the firewall recognizes a loss of connectivity to Panorama after the change.
D. It generates a config log after the Panorama configuration successfully reverts to the last running configuration.

Answer: C

Explanation:
Reference:https://docs.paloaltonetworks.com/panorama/9-1/panorama-admin/administer-panorama/enable-automated-commit-recovery.html

NEW QUESTION 175
Which objects would be useful for combining several services that are often defined together?

A. shared service objects
B. service groups
C. application groups
D. application filters

Answer: B

Explanation:
Reference:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-web-interface-help/objects/objects- services.html

NEW QUESTION 180
To what must an interface be assigned before it can process traffic?

A. Security Zone
B. Security policy
C. Security Protection
D. Security profile

Answer: A

NEW QUESTION 185
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 190
Which the app-ID application will you need to allow in your security policy to use facebook- chat?

A. facebook-email
B. facebook-base
C. facebook
D. facebook-chat

Answer: BD

NEW QUESTION 192
An administrator has an IP address range in the external dynamic list and wants to create an exception for one specific IP address in this address range.
Which steps should the administrator take?

A. Add the address range to the Manual Exceptions list and exclude the IP address by selecting the entry.
B. Add each IP address in the range as a list entry and then exclude the IP address by adding it to the Manual Exceptions list.
C. Select the address range in the List Entries lis
D. A column will open with the IP addresse
E. Select the entry to exclude.
F. Add the specific IP address from the address range to the Manual Exceptions list by using regular expressions to define the entry.

Answer: D

NEW QUESTION 197
An administrator would like to protect against inbound threats such as buffer overflows and illegal code execution.
Which Security profile should be used?

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

Answer: C

NEW QUESTION 201
What is a recommended consideration when deploying content updates to the firewall from Panorama?

A. Content updates for firewall A/P HA pairs can only be pushed to the active firewall.
B. Content updates for firewall A/A HA pairs need a defined master device.
C. Before deploying content updates, always check content release version compatibility.
D. After deploying content updates, perform a commit and push to Panorama.

Answer: C

NEW QUESTION 203
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?

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

Answer: A

NEW QUESTION 205
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 210
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 214
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 219
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 223
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 227
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 229
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 231
URL categories can be used as match criteria on which two policy types? (Choose two.)

A. authentication
B. decryptionC application override
C. NAT

Answer: AB

Explanation:

Reference:https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/url-filtering/url-filtering-concepts/url-category-as-policy-match-criteria.html

NEW QUESTION 232
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 234
How many zones can an interface be assigned with a Palo Alto Networks firewall?

A. two
B. three
C. four
D. one

Answer: D

NEW QUESTION 236
The NetSec Manager asked to create a new firewall Local Administrator profile with customized privileges named NewAdmin. This new administrator has to authenticate without inserting any username or password to access the WebUI.
What steps should the administrator follow to create the New_Admin Administrator profile?
A.
* 1. Select the "Use only client certificate authentication" check box.
* 2. Set Role to Role Based.
* 3. Issue to the Client a Certificate with Common Name = NewAdmin
B.
* 1. Select the "Use only client certificate authentication" check box.
* 2. Set Role to Dynamic.
* 3. Issue to the Client a Certificate with Certificate Name = NewAdmin
C.
* 1. Set the Authentication profile to Local.
* 2. Select the "Use only client certificate authentication" check box.
* 3. Set Role to Role Based.
D.
* 1. Select the "Use only client certificate authentication" check box.
* 2. Set Role to Dynamic.
* 3. Issue to the Client a Certificate with Common Name = New Admin

A.

Answer: B

NEW QUESTION 237
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 240
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 244
Your company occupies one floor in a single building you have two active directory domain controllers on a single networks the firewall s management plane is only slightly utilized.
Which user-ID agent sufficient in your network?

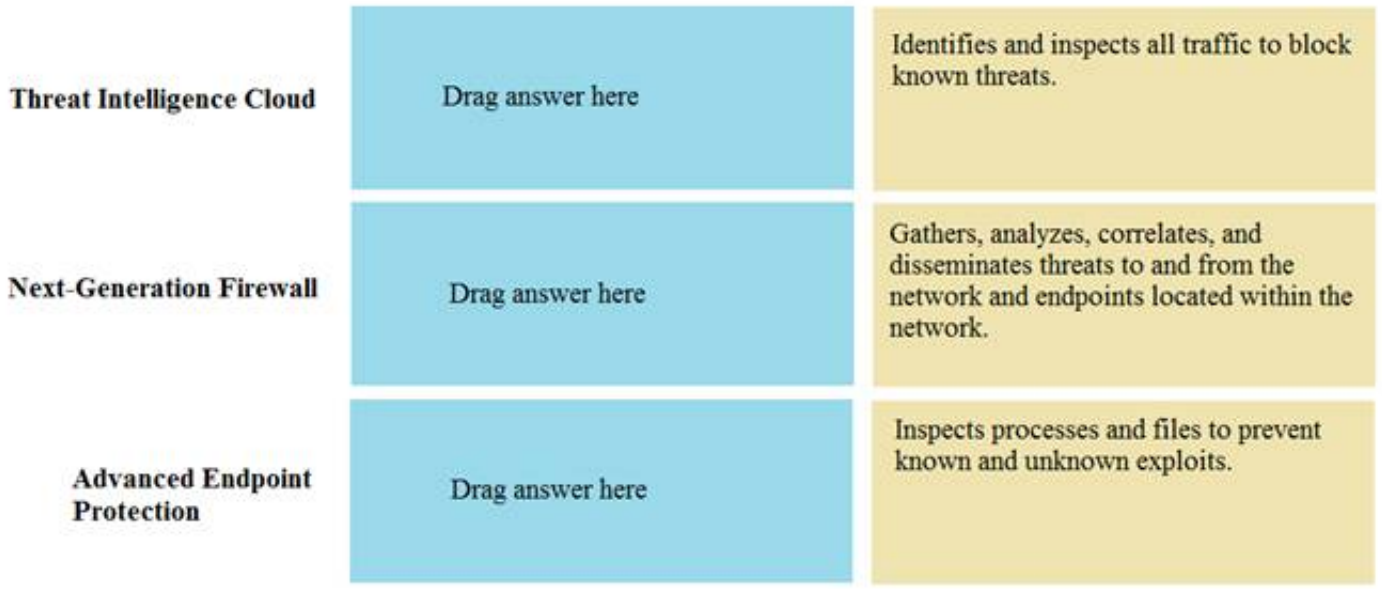
A. PAN-OS integrated agent deployed on the firewall
B. Windows-based agent deployed on the internal network a domain member
C. Citrix terminal server agent deployed on the network
D. Windows-based agent deployed on each domain controller

Answer: D

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/user-id/map-ip-addresses-to-users/configureuser-mapping-using-the-windows-user-id-agent/configure-the-windows-based-user-id-agent-for-usermapping.html

NEW QUESTION 248
DRAG DROP
Match the Palo Alto Networks Security Operating Platform architecture to its description.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Threat Intelligence Cloud – Gathers, analyzes, correlates, and disseminates threats to and from the network and endpoints located within the network.
Next-Generation Firewall – Identifies and inspects all traffic to block known threats Advanced Endpoint Protection - Inspects processes and files to prevent known and unknown exploits

NEW QUESTION 250
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 255
Which interface type requires no routing or switching but applies Security or NAT policy rules before passing allowed traffic?

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

Answer: A

NEW QUESTION 257
Starting with PAN_OS version 9.1 which new type of object is supported for use within the user field of a security policy rule?

A. local username
B. dynamic user group
C. remote username
D. static user group

Answer: B

NEW QUESTION 258
How can a complete overview of the logs be displayed to an administrator who has permission in the system to view them?

A. Select the unified log entry in the side menu.
B. Modify the number of columns visible on the page
C. Modify the number of logs visible on each page.
D. Select the system logs entry in the side menu.

Answer: A

Explanation:
The best way to view a complete overview of the logs is to select the unified log entry in the side menu. The unified log is a single view that displays all the logs generated by the firewall, such as traffic, threat, URL filtering, data filtering, and WildFire logs1. The unified log allows the administrator to filter, sort, and export the logs based on various criteria, such as time range, severity, source, destination, application, or action1.
Modifying the number of columns visible on the page or the number of logs visible on each page does not provide a complete overview of the logs, but only changes the display settings of the current log view. Selecting the system logs entry in the side menu does not show all the logs generated by the firewall, but only

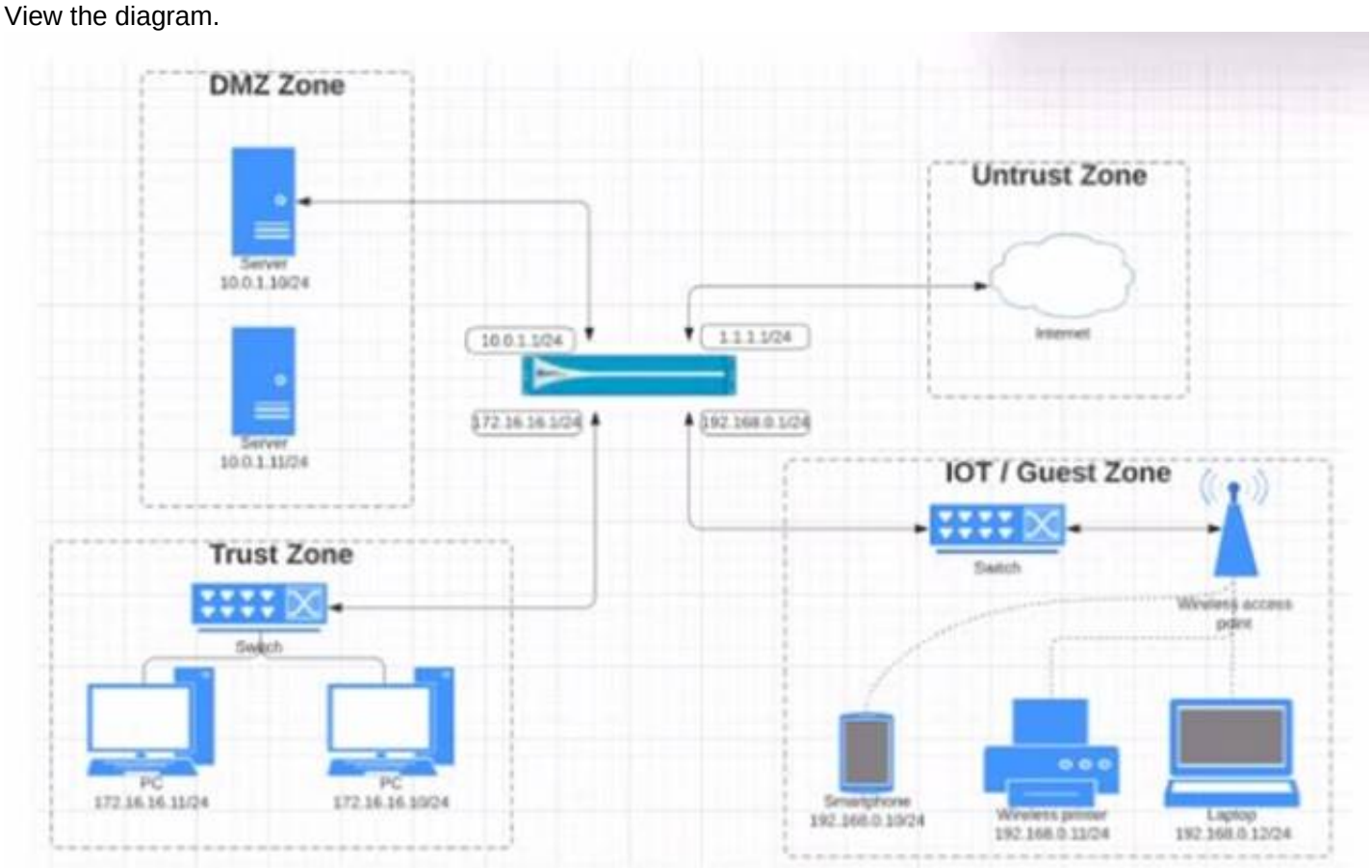
shows the logs related to system events, such as configuration changes, system alerts, or HA status2.
References:
1: View Logs - Palo Alto Networks 2: View and Manage Logs - Palo Alto Networks

NEW QUESTION 260
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 262
View the diagram.



What is the most restrictive, yet fully functional rule, to allow general Internet and SSH traffic into both the DMZ and Untrust/Internet zones from each of the IOT/Guest and Trust Zones?
A)

NAME	TAGS	TYPE	Source ZONE	Source ADDRESS	Source USER	Source DEVICE	Destination ZONE	Destination ADDRESS	Destination DEVICE	APPLICATION	SERVICE
02-A	none	universal	IOT-Guest Trust	172.16.16.0/24 192.168.0.0/24	any	any	DMZ Untrust	any	any	ssh ssl web-browsing	application-default

B)

NAME	TAGS	TYPE	Source ZONE	Source ADDRESS	Source USER	Source DEVICE	Destination ZONE	Destination ADDRESS	Destination DEVICE	APPLICATION	SERVICE
03-A	none	universal	IOT-Guest Trust	172.16.16.0/24 192.168.0.0/24	any	any	DMZ Untrust	1.1.1.0/24 10.0.1.0/24	any	ssh ssl web-browsing	application-default

C)

NAME	TAGS	TYPE	Source ZONE	Source ADDRESS	Source USER	Source DEVICE	Destination ZONE	Destination ADDRESS	Destination DEVICE	APPLICATION	SERVICE
01-A	none	universal	IOT-Guest Trust	10.0.1.0/24 172.16.16.0/12	any	any	DMZ Untrust	1.1.1.0/24 192.168.0.0/24	any	ssh ssl web-browsing	application-default

D)

NAME	TAGS	TYPE	Source ZONE	Source ADDRESS	Source USER	Source DEVICE	Destination ZONE	Destination ADDRESS	Destination DEVICE	APPLICATION	SERVICE

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

Answer: C

NEW QUESTION 264
Files are sent to the WildFire cloud service via the WildFire Analysis Profile. How are these files used?

A. WildFire signature updates
B. Malware analysis

C. Domain Generation Algorithm (DGA) learning
D. Spyware analysis

Answer: B

NEW QUESTION 267
In which profile should you configure the DNS Security feature?

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

Answer: B

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/threat-prevention/dns- security/enable- dnssecurity.html

NEW QUESTION 271
What can be used as match criteria for creating a dynamic address group?

A. Usernames
B. IP addresses
C. Tags
D. MAC addresses

Answer: C

NEW QUESTION 274
An administrator is updating Security policy to align with best practices. Which Policy Optimizer feature is shown in the screenshot below?

A. Rules without App Controls
B. New App Viewer
C. Rule Usage
D. Unused Unused Apps

Answer: C

NEW QUESTION 277
An administrator is reviewing another administrator s Security policy log settings Which log setting configuration is consistent with best practices tor normal traffic?

A. Log at Session Start and Log at Session End both enabled
B. Log at Session Start disabled Log at Session End enabled
C. Log at Session Start enabled Log at Session End disabled
D. Log at Session Start and Log at Session End both disabled

Answer: B

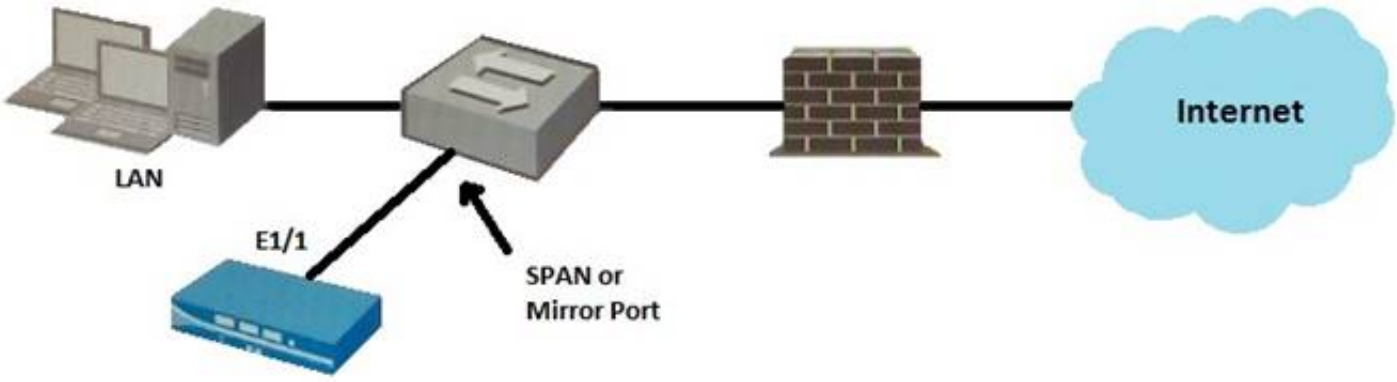
NEW QUESTION 282
Which administrator type utilizes predefined roles for a local administrator account?

A. Superuser
B. Role-based
C. Dynamic
D. Device administrator

Answer: C

NEW QUESTION 287

Given the topology, which zone type should interface E1/1 be configured with?



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

Answer: A

NEW QUESTION 292

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 293

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 294

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