PCNSA Dumps

Palo Alto Networks Certified Network Security Administrator

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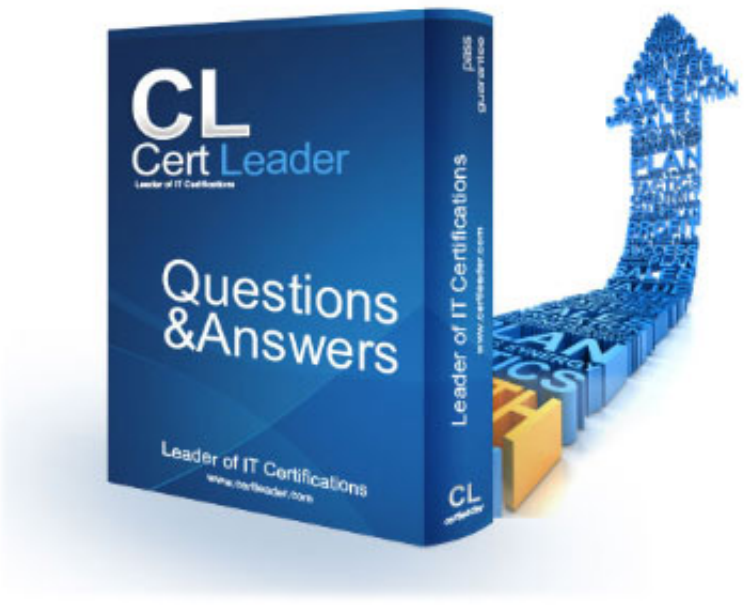


NEW QUESTION 1
What are three ways application characteristics are used? (Choose three.)

A. As an attribute to define an application group
B. As a setting to define a new custom application
C. As an Object to define Security policies
D. As an attribute to define an application filter
E. As a global filter in the Application Command Center (ACC)

Answer: ABD

Explanation:

NEW QUESTION 2
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 3
Which operations are allowed when working with App-ID application tags?

A. Predefined tags may be deleted.
B. Predefined tags may be augmented by custom tags.
C. Predefined tags may be modified.
D. Predefined tags may be updated by WildFire dynamic updates.

Answer: B

NEW QUESTION 4
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 5

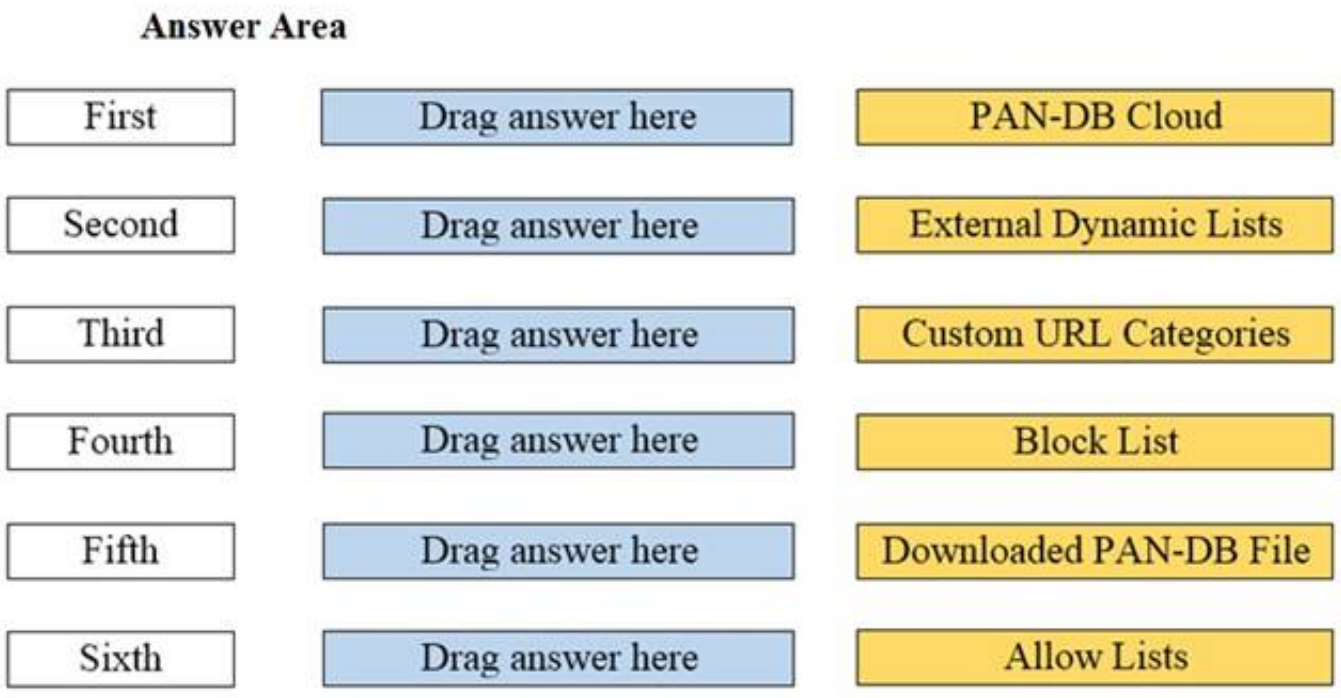
Which Security policy match condition would an administrator use to block traffic from IP addresses on the Palo Alto Networks EDL of Known Malicious IP Addresses list?

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

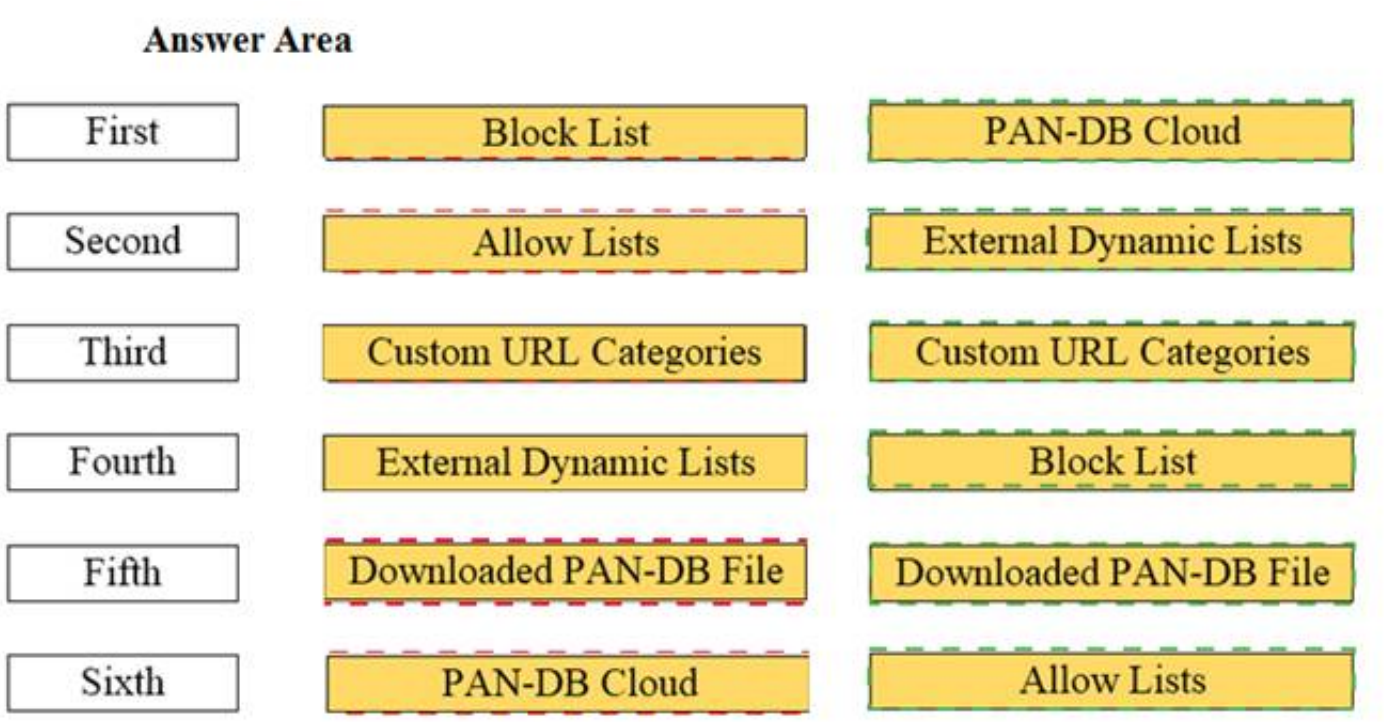
Answer: B

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 6
DRAG DROP
Arrange the correct order that the URL classifications are processed within the system.



Answer:



A. Mastered
B. Not Mastered

Answer: A

Explanation:
First – Block List Second – Allow List
Third – Custom URL Categories Fourth – External Dynamic Lists
Fifth – Downloaded PAN-DB Files Sixth - PAN-DB Cloud

NEW QUESTION 7
Based on the show security policy rule would match all FTP traffic from the inside zone to the outside zone?

	Name	Type	Source Zone	Source Address	Destination Zone	Destination Address	Application	Service	Action
1	inside-portal	universal	inside	any	outside	203.0.113.20	any	any	Allow
2	internal-inside-dmz	universal	inside	any	dmz	any	ftp ssh ssl web-browsing	application-default	Allow
3	egress-outside	universal	inside	any	outside	any	any	application-default	Allow
4	egress-outside-content-id	universal	inside	any	outside	any	any	application-default	Allow
5	danger-simulated-traffic	universal	danger	any	danger	any	any	application-default	Allow
6	intrazone-default	intrazone	any	any	(intrazone)	any	any	any	Allow
7	intrazone-default	intrazone	any	any	any	any	any	any	Deny

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

Answer: B

NEW QUESTION 8
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 9
Which User-ID mapping method should be used for an environment with clients that do not authenticate to Windows Active Directory?

A. Windows session monitoring via a domain controller
B. passive server monitoring using the Windows-based agent
C. Captive Portal
D. passive server monitoring using a PAN-OS integrated User-ID agent

Answer: C

Explanation:
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/user-id/map-ip-addresses-to-users/map-ip-addresses-to-usernames-using-captive-portal.html

NEW QUESTION 10
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 10
Which built-in IP address EDL would be useful for preventing traffic from IP addresses that are verified as unsafe based on WildFire analysis Unit 42 research and data gathered from telemetry?

A.

Palo Alto Networks C&C IP Addresses
B. Palo Alto Networks Bulletproof IP Addresses
C. Palo Alto Networks High-Risk IP Addresses
D. Palo Alto Networks Known Malicious IP Addresses

Answer: D

Explanation:
? Palo Alto Networks Known Malicious IP Addresses
—Contains IP addresses that are verified malicious based on WildFire analysis, Unit 42 research, and data gathered from telemetry (Share ThreatIntelligence with Palo Alto Networks). Attackers use these IP addresses almost exclusively to distribute malware, initiate command-and-control activity, and launch attacks.
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/policy/use-an-external-dynamic-list-in-policy/built-in-edls

NEW QUESTION 14
What are three factors that can be used in domain generation algorithms? (Choose three.)

A. cryptographic keys
B.

time of day
C. other unique values
D. URL custom categories
E. IP address

Answer: ABC

Explanation:
Domain generation algorithms (DGAs) are used to auto-generate domains, typically in large numbers within the context of establishing a malicious command-and-control (C2) communications channel. DGA-based malware (such as Pushdo, BankPatch, and CryptoLocker) limit the number of domains from being blocked by hiding the location of their active C2 servers within a large number of possible suspects, and can be algorithmically generated based on factors such as time of day, cryptographic keys, or other unique values.
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/threat-prevention/dns-security/domain-generation-algorithm-detection

NEW QUESTION 18
Four configuration choices are listed, and each could be used to block access to a specific URL. If you configured each choices to block the sameURL then which

choice would be the last to block access to the URL?

A. Mastered
B. Not Mastered

Answer: A

Explanation:
The precedence is from the top down; First Match Wins: 1) Block list: Manually entered blocked URLs Objects - 2) Allow list: Manually entered allowed URLs Objects - 3) Custom URL Categories - 4) Cached Cached: URLs learned from External Dynamic Lists (EDLs) -
5) Pre-Defined Categories: PAN-DB or Brightcloud categories.

NEW QUESTION 19
How are Application Fillers or Application Groups used in firewall policy?

A. An Application Filter is a static way of grouping applications and can be configured as a nested member of an Application Group
B. An Application Filter is a dynamic way to group applications and can be configured as a nested member of an Application Group
C. An Application Group is a dynamic way of grouping applications and can be configured as a nested member of an Application Group
D. An Application Group is a static way of grouping applications and cannot be configured as a nested member of Application Group

Answer: B

NEW QUESTION 21
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 23
At which point in the app-ID update process can you determine if an existing policy rule is affected by an app-ID update?

A.

after clicking Check New in the Dynamic Update window
B. after connecting the firewall configuration
C. after downloading the update
D. after installing the update

Answer: A

Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-web-interface-help/device/device-dynamicupdates

NEW QUESTION 27
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 29
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 32
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 37
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

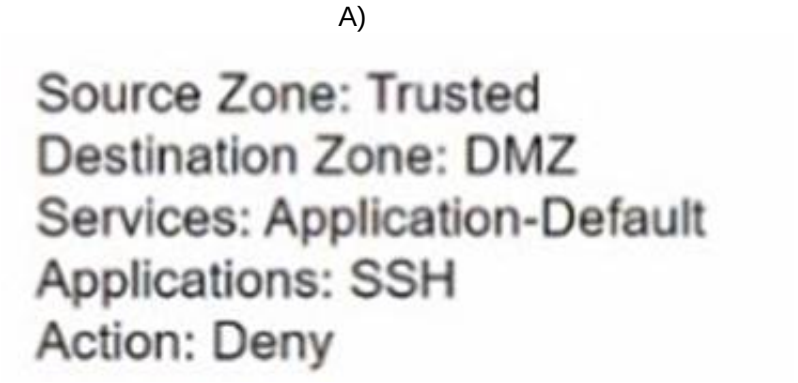
Explanation:

NEW QUESTION 41
Which license must an administrator acquire prior to downloading Antivirus updates for use with the firewall?

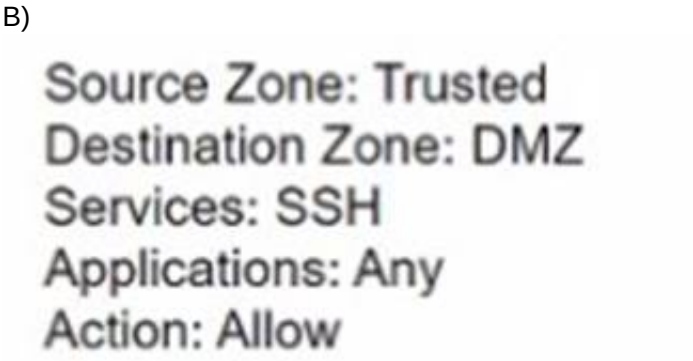
A. URL filtering
B. Antivirus
C. WildFire
D. Threat Prevention

Answer: D

NEW QUESTION 45
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)

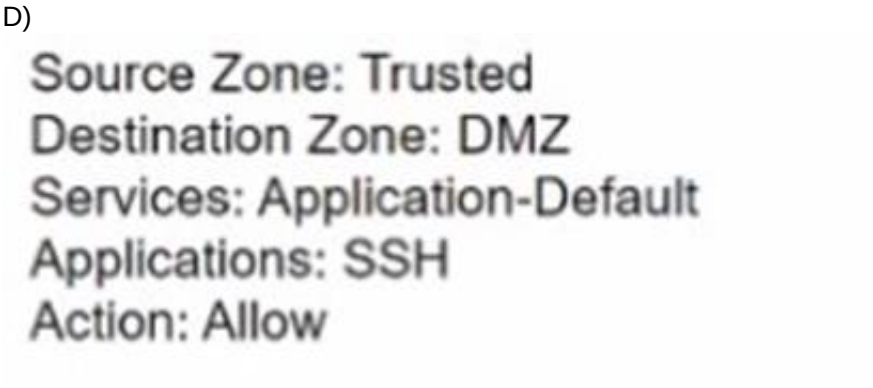


B)



C)

D)



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

Answer: D

NEW QUESTION 48
What is the main function of the Test Policy Match function?

A. verify that policy rules from Expedition are valid
B. confirm that rules meet or exceed the Best Practice Assessment recommendations
C. confirm that policy rules in the configuration are allowing/denying the correct traffic
D. ensure that policy rules are not shadowing other policy rules

Answer: D

NEW QUESTION 53
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 56
What is the minimum timeframe that can be set on the firewall to check for new WildFire signatures?

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

Answer: D

NEW QUESTION 61
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 64
What does an application filter help you to do?

A. It dynamically provides application statistics based on network, threat, and blocked activity,
B: It dynamically filters applications based on critical, high, medium, lo
C. or informational severity.
D. It dynamically groups applications based on application attributes such as category and subcategory.
E. It dynamically shapes defined application traffic based on active sessions and bandwidth usage.

Answer: C

NEW QUESTION 69
What are three valid ways to map an IP address to a username? (Choose three.)

A. using the XML API
B. DHCP Relay logs
C. a user connecting into a GlobalProtect gateway using a GlobalProtect Agent
D. usernames inserted inside HTTP Headers
E. WildFire verdict reports

Answer: ACD

NEW QUESTION 73
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 78
Which interface type is part of a Layer 3 zone with a Palo Alto Networks firewall?

A. Management
B. High Availability
C. Aggregate
D. Aggregation

Answer: C

NEW QUESTION 83
If using group mapping with Active Directory Universal Groups, what must you do when configuring the User-ID?

A. Create an LDAP Server profile to connect to the root domain of the Global Catalog server on port 3268 or 3269 for SSL
B. Configure a frequency schedule to clear group mapping cache
C. Configure a Primary Employee ID number for user-based Security policies
D. Create a RADIUS Server profile to connect to the domain controllers using LDAPS on port 636 or 389

Answer: B

Explanation:
? If you have Universal Groups, create an LDAP server profile to connect to the root domain of the Global Catalog server on port 3268 or 3269 for SSL, then create another LDAP server profile to connect to the root domain controllers on port 389. This helps ensure that users and group information is available for all domains and subdomains.
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/user-id/map-users-to-groups

NEW QUESTION 88
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

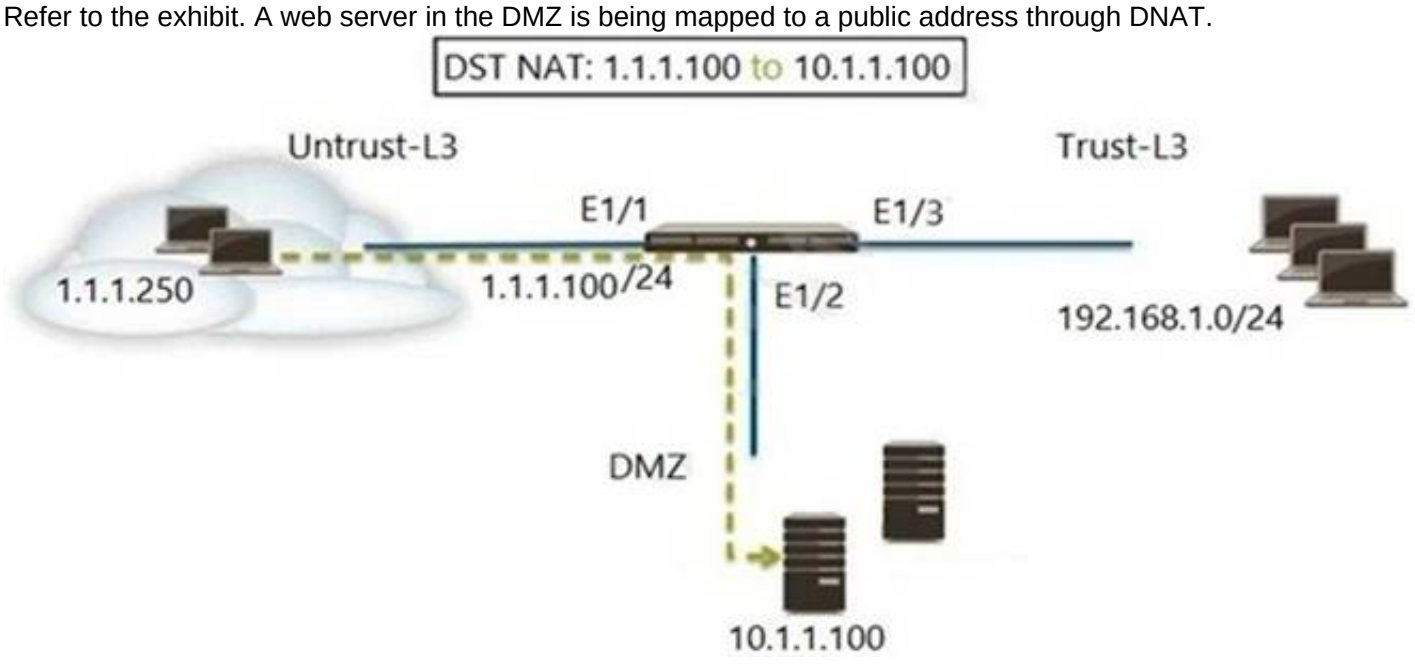
Answer: C

NEW QUESTION 89
The CFO found a malware infected USB drive in the parking lot, which when inserted infected their corporate laptop the malware contacted a known command-and-control server which exfiltrating corporate data.
Which Security profile feature could have been used to prevent the communications with the command-and-control server?

A. Create a Data Filtering Profile and enable its DNS sinkhole feature.
B. Create an Antivirus Profile and enable its DNS sinkhole feature.
C. Create an Anti-Spyware Profile and enable its DNS sinkhole feature.
D. Create a URL Filtering Profile and block the DNS sinkhole URL category.

Answer: C

NEW QUESTION 92
Refer to the exhibit. A web server in the DMZ is being mapped to a public address through DNAT.



Which Security policy rule will allow traffic to flow to the web server?

A. Mastered
B. Not Mastered

Answer: A

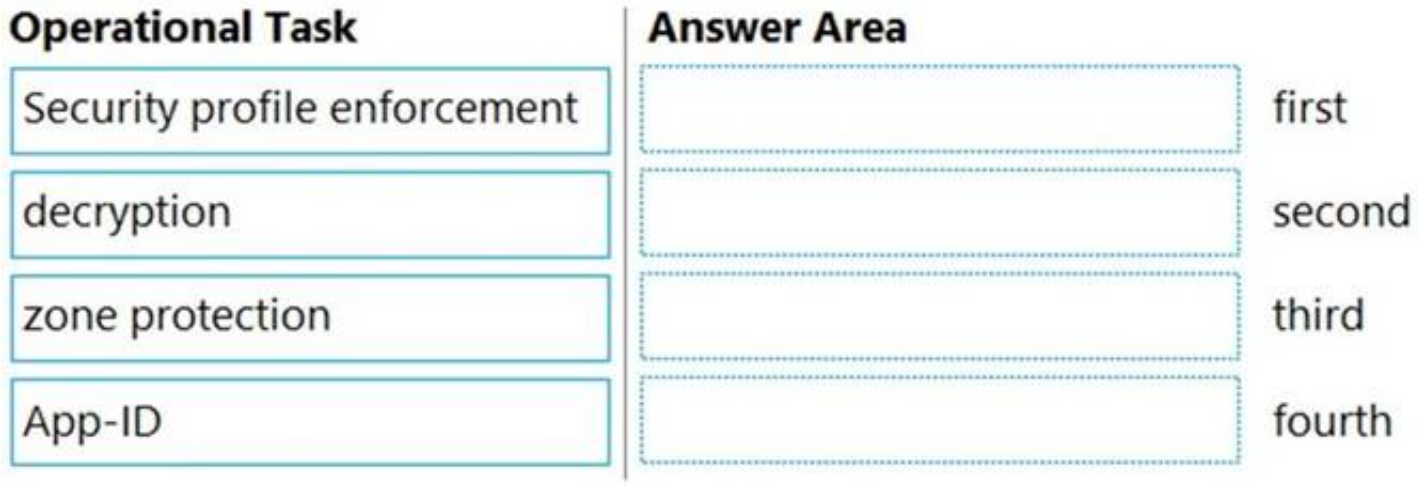
Explanation:
Reference:https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/networking/nat/nat-configuration-examples/destination-nat-exampleone-to-one-mapping

NEW QUESTION 96
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 101
DRAG DROP
Place the steps in the correct packet-processing order of operations.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 103
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 106
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
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 114
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 115
During the App-ID update process, what should you click on to confirm whether an existing policy rule is affected by an App-ID update?

A. check now
B. review policies
C. test policy match
D. download

Answer: B

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

NEW QUESTION 118
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 119
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 123
An administrator needs to create a Security policy rule that matches DNS traffic within the LAN zone, and also needs to match DNS traffic within the DMZ zone
The administrator does not want to allow traffic between the DMZ and LAN zones.
Which Security policy rule type should they use?

default

A.
B. universal
C. intrazone
D. interzone

Answer: C

NEW QUESTION 127
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 129
Which two security profile types can be attached to a security policy? (Choose two.)

A. antivirus
B. DDoS protection
C. threat
D. vulnerability

Answer: AD

NEW QUESTION 132
What is a recommended consideration when deploying content updates to the firewall from Panorama?

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

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 137
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 138
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 143
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

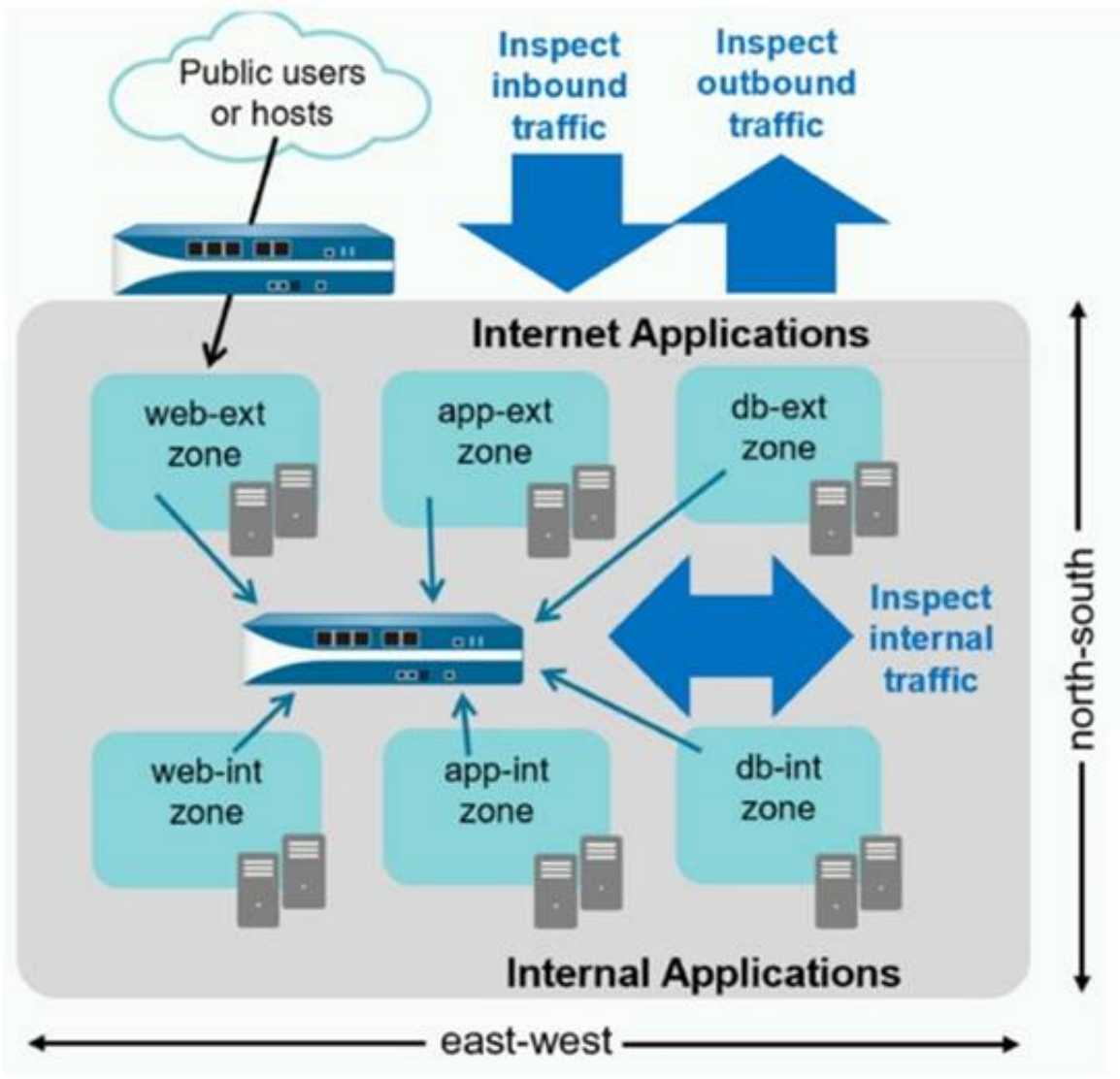
NEW QUESTION 148
By default, what is the maximum number of templates that can be added to a template stack?

A. 6
B. 8
C. 10
D. 12

Answer: B

Explanation:
By default, the maximum number of templates that can be added to a template stack is 8. This is the recommended limit for performance reasons, as adding more templates may result in sluggish responses on the user interface. However, starting from PAN-OS 8.1.10 and 9.0.4, you can use a debug command to increase the maximum number of templates per stack to 16. This command requires a commit operation to take effect.
A template stack is a collection of templates that you can use to push common settings to multiple firewalls or Panorama managed collectors. A template contains the network and device settings that you want to share across devices, such as interfaces, zones, virtual routers, DNS, NTP, and login banners. You can create multiple templates for different device groups or locations and add them to a template stack in a hierarchical order. The settings in the lower templates override the settings in the higher templates if there are any conflicts. You can then assign a template stack to one or more devices and push the configuration changes.

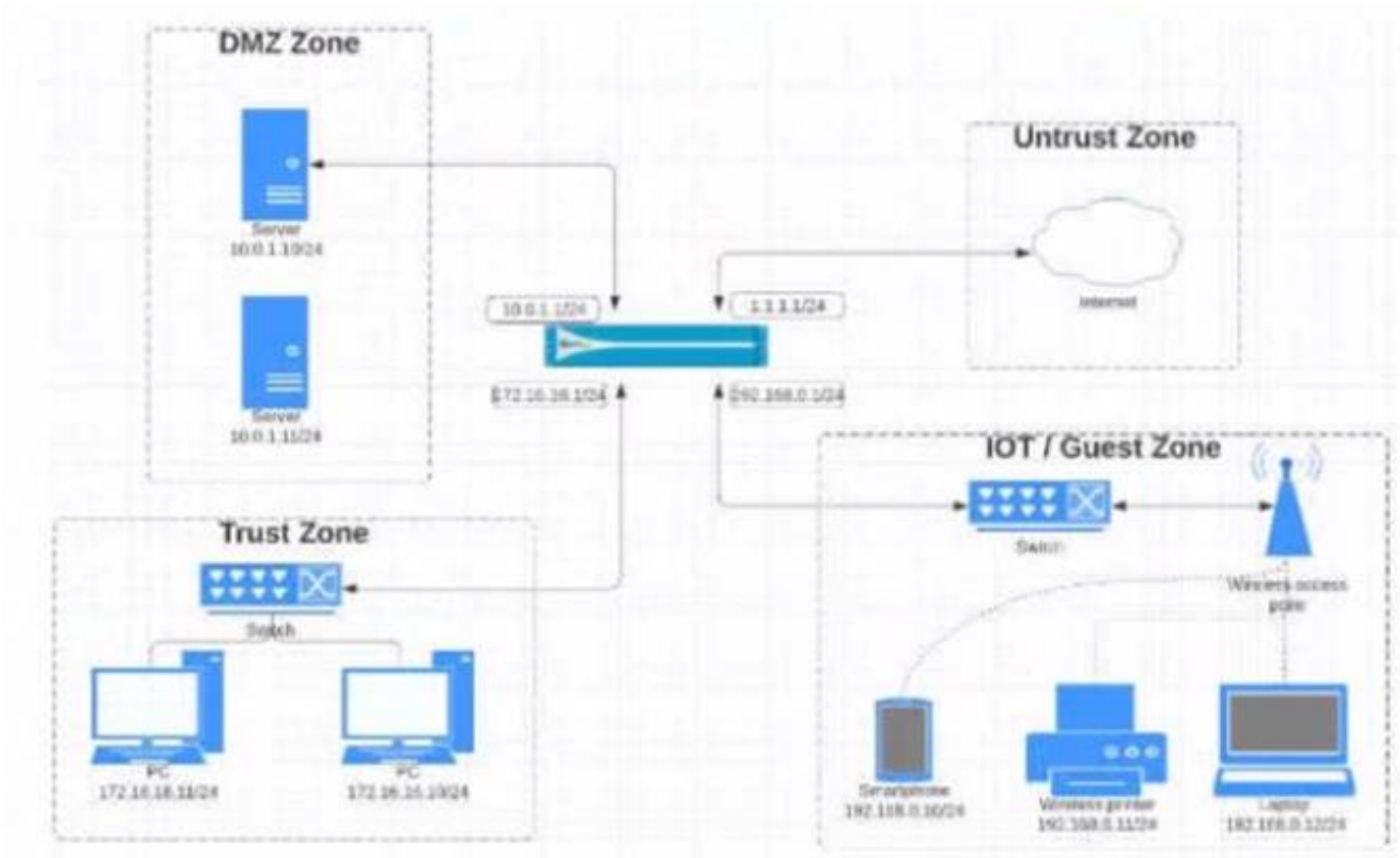
NEW QUESTION 153
An administrator notices that protection is needed for traffic within the network due to malicious lateral movement activity. Based on the image shown, which traffic would the administrator need to monitor and block to mitigate the malicious activity?



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

Answer: D

NEW QUESTION 156
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)

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 10.0.1.5/24	any	ssh ssl web-browsing	application-default	any	Allow

B)

Source				Destination						
	ADDRESS	USER	DEVICE	ZONE	ADDRESS	DEVICE	APPLICATION	SERVICE	URL CATEGORY	ACTION
Guest	10.0.1.0/24 172.16.16.0/12	any	any	DMZ Untrust	1.1.1.0/24	any	ssh ssl web-browsing	application-default	any	Allow

C)

Source				Destination						
	ADDRESS	USER	DEVICE	ZONE	ADDRESS	DEVICE	APPLICATION	SERVICE	URL CATEGORY	ACTION
Guest	172.16.18.0/24 192.168.0.0/24	any	any	DMZ Untrust	any	any	ssh ssl web-browsing	application-default	any	Allow

D)

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	any	any	ssh ssl web-browsing	application-default	any	Allow

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

Answer: C

NEW QUESTION 160
How are service routes used in PAN-OS?

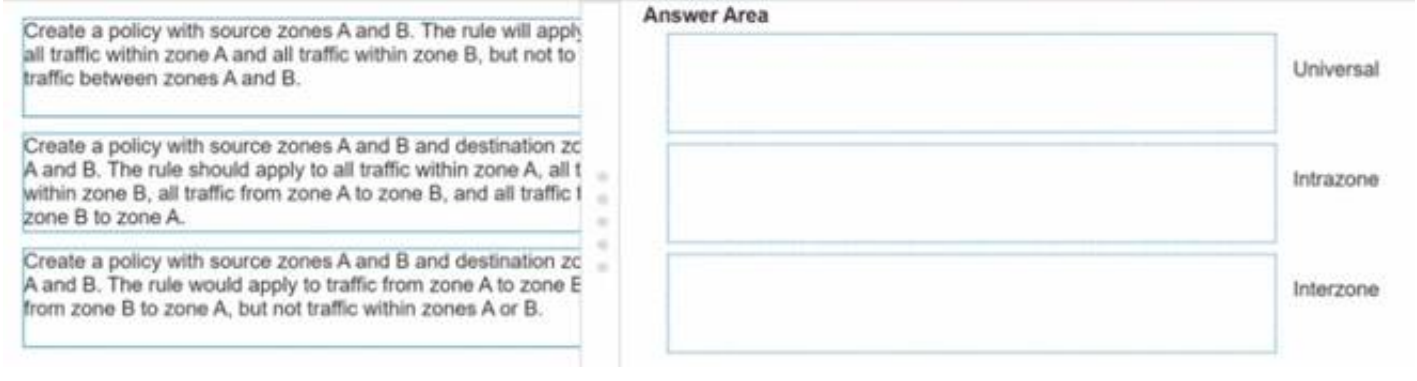
A. By the OSPF protocol, as part of Dijkstra's algorithm, to give access to the various services offered in the network
B. To statically route subnets so they are joinable from, and have access to, the Palo Alto Networks external services
C. For routing, because they are the shortest path selected by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

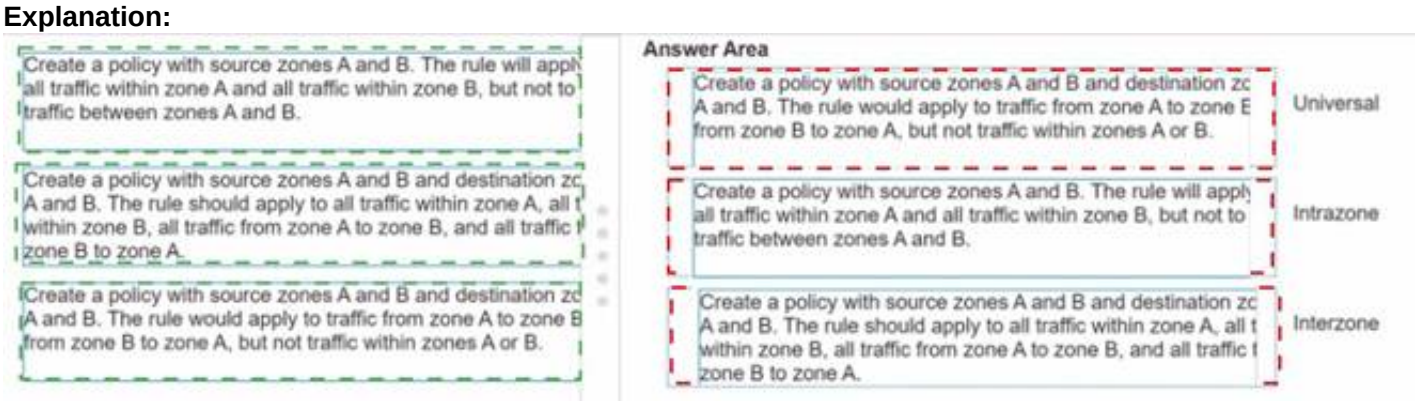
NEW QUESTION 161
DRAG DROP
Match each rule type with its example



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 163
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 167
Given the image, which two options are true about the Security policy rules. (Choose two.)

				Source				Destination		Rule Usage						
	Name	Tags	Type	Zone	Address	User	HIP Profile	Zone	Address	Hit Count	Last Hit	First Hit	Application	Service	Action	Profile
1	Allow Office Programs	None	Universal	Inside	Any	Any	Any	Outside	Any	-	-	-	Office-program	Application-d...	Allow	None
2	Allow FTP to web ser..	None	Universal	Inside	Any	Any	Any	Outside	ftp-server	-	-	-	any	ftp-service..	Allow	None
3	Allow Social Networkin..	None	Universal	Inside	Any	Any	Any	Outside	Any	-	-	-	facebook	Application-d...	Allow	None

A. The Allow Office Programs rule is using an Application Filter
B. In the Allow FTP to web server rule, FTP is allowed using App-ID
C. The Allow Office Programs rule is using an Application Group
D. In the Allow Social Networking rule, allows all of Facebook's functions

Answer: AD

Explanation:
In the Allow FTP to web server rule, FTP is allowed using port based rule and not APP-ID.

NEW QUESTION 170

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 171
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 175
Which administrator receives a global notification for a new malware that infects hosts. The infection will result in the infected host attempting to contact and command-and-control (C2) server.
Which security profile components will detect and prevent this threat after the firewall`s signature database has been updated?

A. antivirus profile applied to outbound security policies
B. data filtering profile applied to inbound security policies
C. data filtering profile applied to outbound security policies
D. vulnerability profile applied to inbound security policies

Answer: C

Explanation:

NEW QUESTION 176
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 181
For the firewall to use Active Directory to authenticate users, which Server Profile is required in the Authentication Profile?

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

Answer: C

Explanation:

Reference:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/authentication/configure-an-authenticationprofile-and-sequence

NEW QUESTION 186
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 188
An administrator is investigating a log entry for a session that is allowed and has the end reason of aged-out. Which two fields could help in determining if this is normal? (Choose two.)

A. Packets sent/received
B. IP Protocol
C. Action
D. Decrypted

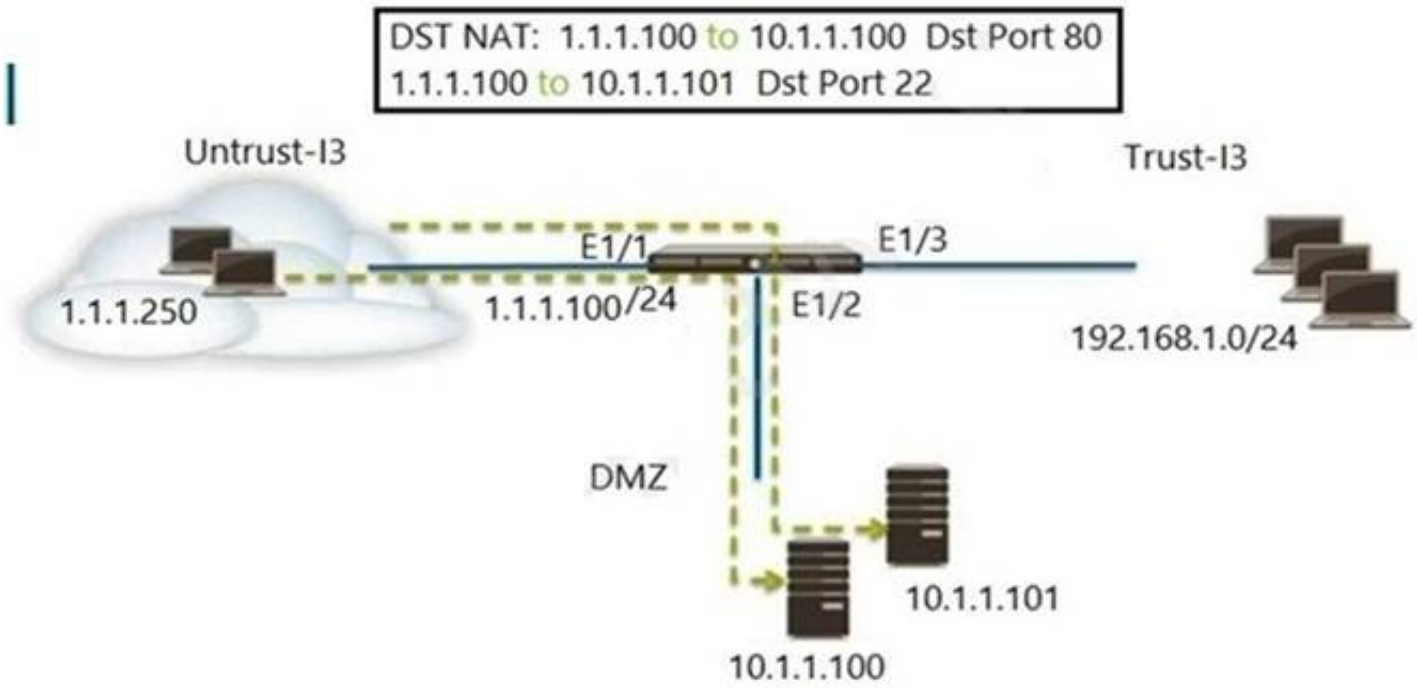
Answer: BD

NEW QUESTION 193
A network administrator is required to use a dynamic routing protocol for network connectivity.
Which three dynamic routing protocols are supported by the NGFW Virtual Router for this purpose? (Choose three.)

A. RIP
B. OSPF
C. IS-IS
D. EIGRP
E. BGP

Answer: ABE

NEW QUESTION 194
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 197
Your company requires positive username attribution of every IP address used by wireless devices to support a new compliance requirement. You must collect IP –to-user mappings as soon as possible with minimal downtime and minimal configuration changes to the wireless devices themselves. The wireless devices are from various manufactures.
Given the scenario, choose the option for sending IP-to-user mappings to the NGFW.

A. syslog
B. RADIUS
C. UID redistribution
D. XFF headers

Answer: A

NEW QUESTION 202
Why does a company need an Antivirus profile?

A. Mastered
B. Not Mastered

Answer: A

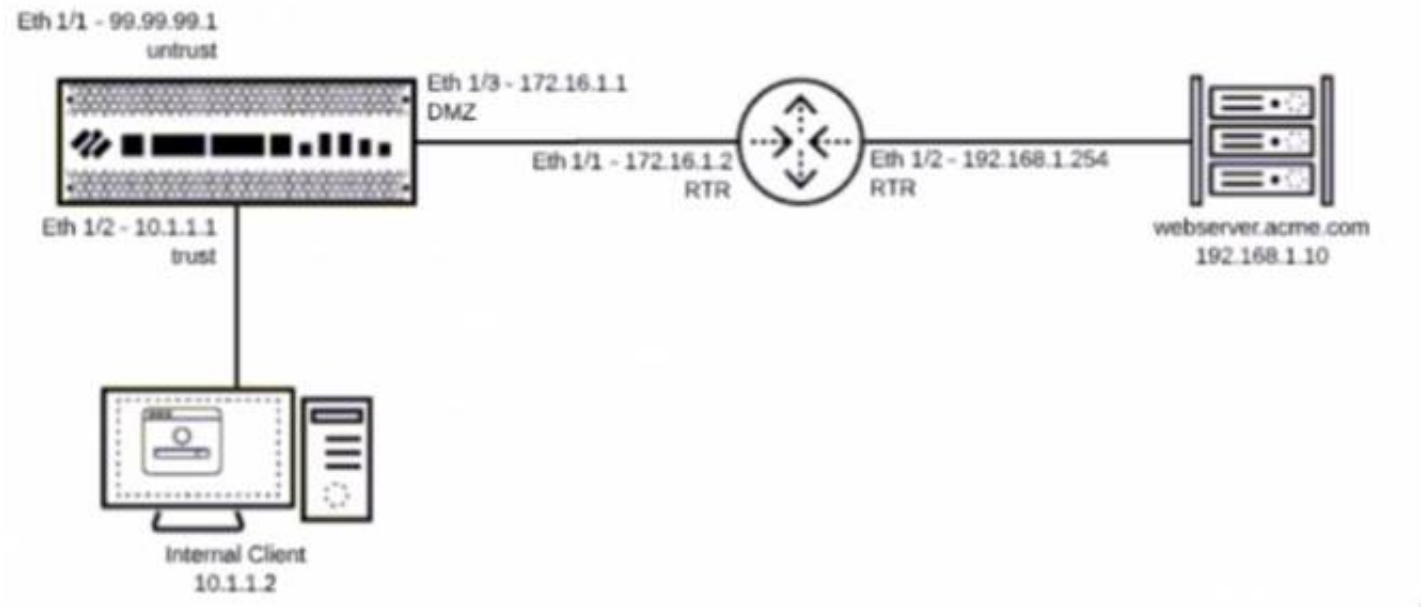
NEW QUESTION 207
Which two features can be used to tag a user name so that it is included in a dynamic user group? (Choose two)

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 210
You have been tasked to configure access to a new web server located in the DMZ
Based on the diagram what configuration changes are required in the NGFW virtual router to route traffic from the 10 1 1 0/24 network to 192 168 1 0/24?



A. Add a route with the destination of 192 168 1 0/24 using interface Eth 1/3 with a next- hop of 192.168 1.10
B. Add a route with the destination of 192 168 1 0/24 using interface Eth 1/2 with a next- hop of 172.16.1.2
C. Add a route with the destination of 192 168 1 0/24 using interface Eth 1/3 with a next- hop of 172.16.1.2
D. Add a route with the destination of 192 168 1 0/24 using interface Eth 1/3 with a next- hop of 192.168.1.254

Answer: C

NEW QUESTION 211
Your company is highly concerned with their Intellectual property being accessed by unauthorized resources. There is a mature process to store and include metadata tags for all confidential documents.
Which Security profile can further ensure that these documents do not exit the corporate network?

A. File Blocking
B. Data Filtering
C. Anti-Spyware
D. URL Filtering

Answer: B

Explanation:
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-web-interface-help/objects/objects-security-profiles-data-filtering

NEW QUESTION 214
An administrator needs to add capability to perform real-time signature lookups to block or sinkhole all known malware domains.
Which type of single unified engine will get this result?

A. User-ID
B. App-ID
C. Security Processing Engine
D. Content-ID

Answer: A

NEW QUESTION 218
When is the content inspection performed in the packet flow process?

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

Answer: A

Explanation:

Reference:https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g00000 0ClVHCA0

NEW QUESTION 221
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 223
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?

Data Filtering Profile applied to outbound Security policy rules
A.
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 228
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 233
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 237
An administrator is configuring a NAT rule
At a minimum, which three forms of information are required? (Choose three.)

A. name
B. source zone
C. destination interface
D. destination address
E. destination zone

Answer: BDE

NEW QUESTION 239
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 241
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 242
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 245
Which three filter columns are available when setting up an Application Filter? (Choose three.)

A. Parent App
B. Category
C. Risk
D. Standard Ports
E. Subcategory

Answer: BCE

Explanation:
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-web-interface-help/objects/objects- application-filters

NEW QUESTION 247
Which prevention technique will prevent attacks based on packet count?

A. zone protection profile
B. URL filtering profile
C. antivirus profile
D. vulnerability profile

Answer: A

NEW QUESTION 252
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 254
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 258
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 260
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