

## Exam Questions PCNSA

Palo Alto Networks Certified Network Security Administrator

<https://www.2passeasy.com/dumps/PCNSA/>



#### NEW QUESTION 1

Which administrative management services can be configured to access a management interface?

- A. HTTP, CLI, SNMP, HTTPS
- B. HTTPS, SSH telnet SNMP
- C. SSH: telnet HTTP, HTTPS
- D. HTTPS, HTTP
- E. CLI, API

**Answer: D**

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/firewall-administration/management-interfaces> You can use the following user interfaces to manage the Palo Alto Networks firewall:

- Use the Web Interface to perform configuration and monitoring tasks with relative ease. This graphical interface allows you to access the firewall using HTTPS (recommended) or HTTP and it is the best way to perform administrative tasks.
- Use the Command Line Interface (CLI) to perform a series of tasks by entering commands in rapid succession over SSH (recommended), Telnet, or the console port. The CLI is a no-frills interface that supports two command modes, operational and configure, each with a distinct hierarchy of commands and statements. When you become familiar with the nesting structure and syntax of the commands, the CLI provides quick response times and administrative efficiency.
- Use the XML API to streamline your operations and integrate with existing, internally developed applications and repositories. The XML API is a web service implemented using HTTP/HTTPS requests and responses.
- Use Panorama to perform web-based management, reporting, and log collection for multiple firewalls.

The Panorama web interface resembles the firewall web interface but with additional functions for centralized management.

#### NEW QUESTION 2

In which stage of the Cyber-Attack Lifecycle would the attacker inject a PDF file within an email?

- A. Weaponization
- B. Reconnaissance
- C. Installation
- D. Command and Control
- E. Exploitation

**Answer: A**

#### NEW QUESTION 3

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 4

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 5

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 6

Which type of address object is [www.paloaltonetworks.com](http://www.paloaltonetworks.com)?

- A. IP range

- B. IP netmask
- C. named address
- D. FQDN

**Answer:** D

#### NEW QUESTION 7

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

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

**Answer:** A

#### NEW QUESTION 8

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

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

**Answer:** C

#### NEW QUESTION 9

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

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

**Answer:** D

#### NEW QUESTION 10

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 10

Which component is a building block in a Security policy rule?

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

**Answer:** D

#### NEW QUESTION 14

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 16

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 20

An administrator is reviewing another administrator's Security policy log settings. Which log setting configuration is consistent with best practices for 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 25

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

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

**Answer:** BCE

#### NEW QUESTION 27

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 29

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

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

**Answer:** A

#### NEW QUESTION 34

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

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

**Answer:** BD

#### NEW QUESTION 39

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 42

Which type of security rule will match traffic between the Inside zone and Outside zone, within the Inside zone, and within the Outside zone?

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

**Answer:** D

**Explanation:**

References: <https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClomCAC>

**NEW QUESTION 44**

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 will 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 46**

Why does a company need an Antivirus profile?

- A. To prevent command-and-control traffic
- B. To protect against viruses, worms, and trojans
- C. To prevent known exploits
- D. To prevent access to malicious web content

**Answer:** B


**NEW QUESTION 47**

What is the minimum frequency for which you can configure the firewall to 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:**

	Provides near real-time malware and antivirus signatures created as a result of the analysis done by the WildFire public cloud. WildFire signature updates are made available every five minutes. You can set the firewall to check for new updates as frequently as every minute to ensure that the firewall retrieves the latest WildFire signatures within a minute of availability. Without the WildFire subscription, you must wait at least 24 hours for the signatures to be provided in the Antivirus update.
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**NEW QUESTION 50**

A Security Profile can block or allow traffic at which point?

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

**Answer:** A

**NEW QUESTION 54**

An administrator wants to prevent access to media content websites that are risky

Which two URL categories should be combined in a custom URL category to accomplish this goal? (Choose two)

- A. streaming-media
- B. high-risk
- C. recreation-and-hobbies
- D. known-risk

**Answer:** AC

**NEW QUESTION 59**

How often does WildFire release dynamic updates?

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

**Answer:** A



#### NEW QUESTION 60

In the example security policy shown, which two websites fcked? (Choose two.)

	Name	Tags	Zone	Address	Zone	Address	Application	Service	URL Category	Action	Profile
1	Block-Sites	outbound	Inside	Any	Outside	Any	Any	any	Social-networking	Deny	None

- A. LinkedIn
- B. Facebook
- C. YouTube
- D. Amazon

**Answer:** AB

#### NEW QUESTION 65

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

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

**Answer:** A

#### Explanation:

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

#### NEW QUESTION 69

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 73

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

On the image, which two options are not about the Security policy rule? (Choose two.)																	
	Name	Tags	Type	Source				Destination			Hit Usage						
				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 75

Which two firewall components enable you to configure SYN flood protection thresholds? (Choose two.)

- A. QoS profile
- B. DoS Protection profile
- C. Zone Protection profile
- D. DoS Protection policy

**Answer:** BC

#### NEW QUESTION 79

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 82

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 or destination zone selected
- D. pre-NAT policy with external source and any destination address

Answer: A

#### NEW QUESTION 86

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 88

Given the detailed log information above, what was the result of the firewall traffic inspection?

Device SN: 007251000156345	Interface: ethernet1/14	NAT IP: 8.8.4.4
IP Protocol: udp	NAT IP: 67.290.64.58	NAT Port: 53
Log Action: global-logs	NAT Port: 26355	
Generated Time: 2021/08/27 02:02:49	X-Forwarded-For IP: 0.0.0.0	
Receive Time: 2021/08/27 02:02:53		
Tunnel Type: N/A		
<b>Details</b>		
Threat Type: unknown	Threat ID/Name: Phishing:155.114.74.in-addr.arpa	Flags: Captive Portal <input type="checkbox"/>
ID: 109000001 (View in Threat Vault)	Category: dns-phishing	Proxy Bypass <input type="checkbox"/>
Content Version: AppThreat-0-0	Severity: low	Decrypted <input type="checkbox"/>
Repeat Count: 2	File Name: URL: 155.114.74.in-addr.arpa	Packet Capture <input type="checkbox"/>
Partial Hash: 0	Partial Hash: 0	Client to Server <input checked="" type="checkbox"/>
Source UUID	Source UUID	Server to Client <input type="checkbox"/>
Destination UUID	Destination UUID	Tunnel Inspected <input type="checkbox"/>
Dynamic User Group	Dynamic User Group	
Network Slice ID: SST	Network Slice ID: SST	<b>DeviceID</b>
Network Slice ID: SD	Network Slice ID: SD	Source Device Category: Virtual Machine
App Category: networking	App Category: networking	Source Device Profile: VMware
App Subcategory: infrastructure	App Subcategory: infrastructure	Source Device Model:
App Technology: network-protocol	App Technology: network-protocol	Source Device Vendor: VMware, Inc.
App Characteristic: used-by-malicious-has-known-vulnerability-potential-use	App Characteristic: used-by-malicious-has-known-vulnerability-potential-use	Source Device OS Family:
App Container	App Container	Source Device OS Version:
App Risk: 3	App Risk: 3	Source Device Host: ubuntu-server
		Source Device MAC: 00:50:56:a2:19:63
		Destination Device Category:
		Destination Device Profile:
		Destination Device Model:

- 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 91**

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 95**

Which Security policy action will message a user's browser that their web session has been terminated?

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

**Answer:** B

**NEW QUESTION 100**

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

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

**Answer:** D

**NEW QUESTION 101**

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 104**

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

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

**Answer:** B

**NEW QUESTION 107**

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 111**

Match the Palo Alto Networks Security Operating Platform architecture to its description.



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

- 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 112**

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 116**

Match each rule type with its example

Create a policy with source zones A and B. The rule will apply all traffic within zone A and all traffic within zone B, but not to traffic between zones A and B.

Create a policy with source zones A and B and destination zone A and B. The rule should apply to all traffic within zone A, all traffic within zone B, all traffic from zone A to zone B, and all traffic from zone B to zone A.

Create a policy with source zones A and B and destination zone A and B. The rule would apply to traffic from zone A to zone B and from zone B to zone A, but not traffic within zones A or B.

**Answer Area**

Universal

Intrazone

Interzone

- A. Mastered  
B. Not Mastered

Answer: A

**Explanation:**

Create a policy with source zones A and B. The rule will apply all traffic within zone A and all traffic within zone B, but not to traffic between zones A and B.

Create a policy with source zones A and B and destination zone A and B. The rule should apply to all traffic within zone A, all traffic within zone B, all traffic from zone A to zone B, and all traffic from zone B to zone A.

Create a policy with source zones A and B and destination zone A and B. The rule would apply to traffic from zone A to zone B and from zone B to zone A, but not traffic within zones A or B.

**Answer Area**

Create a policy with source zones A and B and destination zone A and B. The rule would apply to traffic from zone A to zone B and from zone B to zone A, but not traffic within zones A or B.

Create a policy with source zones A and B. The rule will apply all traffic within zone A and all traffic within zone B, but not to traffic between zones A and B.

Create a policy with source zones A and B and destination zone A and B. The rule should apply to all traffic within zone A, all traffic within zone B, all traffic from zone A to zone B, and all traffic from zone B to zone A.

Universal

Intrazone

Interzone

#### NEW QUESTION 119

Order the steps needed to create a new security zone with a Palo Alto Networks firewall.

Step 1	Drag answer here	Select Zones from the list of available items
Step 2	Drag answer here	Assign interfaces as needed
Step 3	Drag answer here	Select Network tab
Step 4	Drag answer here	Specify Zone Name
Step 5	Drag answer here	Select Add
Step 6	Drag answer here	Specify Zone Type

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

- Step 1 – Select network tab
- Step 2 – Select zones from the list of available items
- Step 3 – Select Add
- Step 4 – Specify Zone Name
- Step 5 – Specify Zone Type
- Step 6 – Assign interfaces as needed

#### NEW QUESTION 123

Match the network device with the correct User-ID technology.

#### Answer Area

Microsoft Exchange	Drag answer here	syslog monitoring
Linux authentication	Drag answer here	Terminal Services agent
Windows clients	Drag answer here	server monitoring
Citrix client	Drag answer here	client probing

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Microsoft Exchange – Server monitoring Linux authentication – syslog monitoring Windows Client – client probing

Citrix client – Terminal Services agent

#### NEW QUESTION 128

When creating a custom URL category object, which is a valid type?

- A. domain match
- B. host names
- C. wildcard
- D. category match

**Answer: D**

#### NEW QUESTION 132

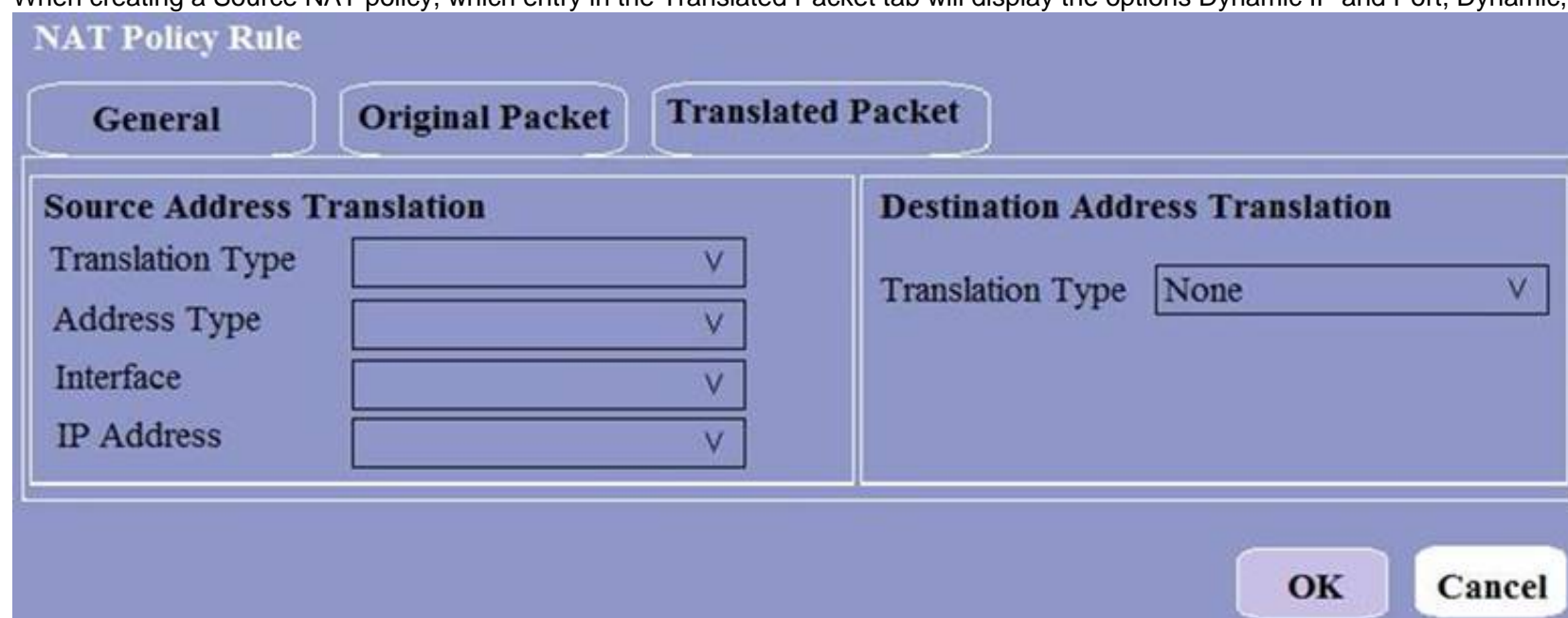
An administrator would like to silently drop traffic from the internet to a ftp server. Which Security policy action should the administrator select?

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

**Answer: D**

#### NEW QUESTION 136

When creating a Source NAT policy, which entry in the Translated Packet tab will display the options Dynamic IP and Port, Dynamic, Static IP, and None?



- A. Translation Type
- B. Interface
- C. Address Type
- D. IP Address

**Answer: A**

#### NEW QUESTION 141

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 146

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 151

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 156

Identify the correct order to configure the PAN-OS integrated USER-ID agent.

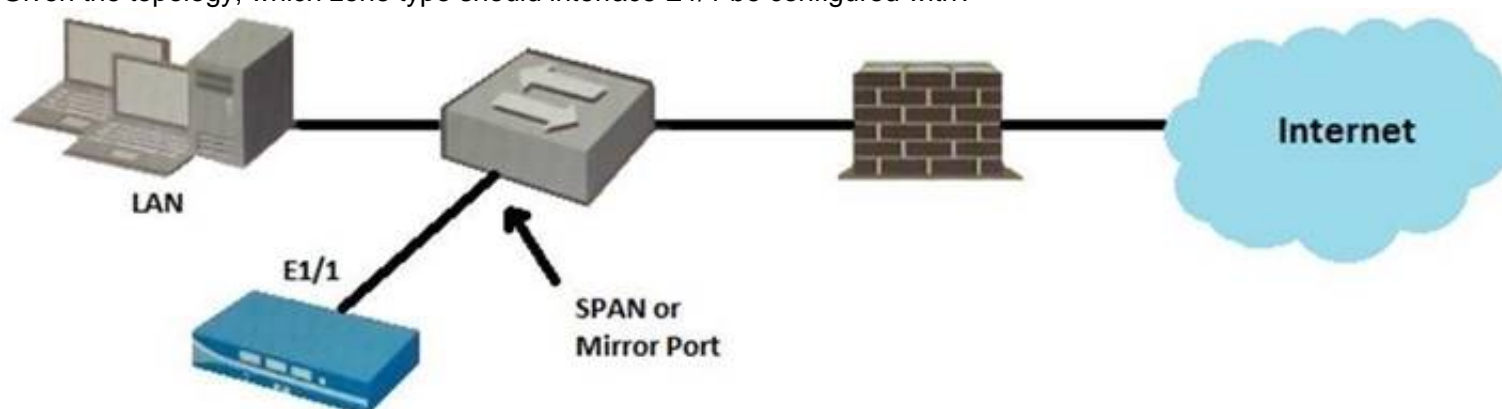
- \* 3. add the service account to monitor the server(s)
- \* 2. define the address of the servers to be monitored on the firewall
- \* 4. commit the configuration, and verify agent connection status
- \* 1. create a service account on the Domain Controller with sufficient permissions to execute the User- ID agent

- A. 2-3-4-1
- B. 1-4-3-2
- C. 3-1-2-4
- D. 1-3-2-4

**Answer: D**

#### NEW QUESTION 157

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 160

After making multiple changes to the candidate configuration of a firewall, the administrator would like to start over with a candidate configuration that matches the running configuration.

Which command in Device > Setup > Operations would provide the most operationally efficient way to accomplish this?

- A. Import named config snapshot
- B. Load named configuration snapshot
- C. Revert to running configuration
- D. Revert to last saved configuration

**Answer: C**

#### NEW QUESTION 163

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 164

Which protocol used to map username to user groups when user-ID is configured?

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

**Answer: D**

#### NEW QUESTION 168

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 172

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 174

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 179

What do you configure if you want to set up a group of objects based on their ports alone?

- A. Application groups
- B. Service groups
- C. Address groups
- D. Custom objects

**Answer:** B

#### NEW QUESTION 182

Starting with PAN-OS version 9.1, application dependency information is now reported in which two locations? (Choose two.)

- A. on the App Dependency tab in the Commit Status window
- B. on the Policy Optimizer's Rule Usage page
- C. on the Application tab in the Security Policy Rule creation window
- D. on the Objects > Applications browser pages

**Answer:** AC

#### NEW QUESTION 185

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 187

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 189

To use Active Directory to authenticate administrators, which server profile is required in the authentication profile?

- A. domain controller
- B. TACACS+
- C. LDAP



D. RADIUS

**Answer:** C

**NEW QUESTION 190**

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

**NEW QUESTION 192**

Which two rule types allow the administrator to modify the destination zone? (Choose two )

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

**Answer:** AC

**NEW QUESTION 193**

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 196**

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

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

**Answer:** C

**NEW QUESTION 197**

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

**NEW QUESTION 202**

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

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

**Answer:** BC

**NEW QUESTION 205**

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 209

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

#### NEW QUESTION 211

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-a>

#### NEW QUESTION 213

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 215

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

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

**Answer:** B

#### NEW QUESTION 216

Given the screenshot what two types of route is the administrator configuring? (Choose two )



**Virtual Router - Static Route - IPv4**

Name: 0.0.0.0

Destination: 0.0.0.0/0

Interface: ethernet1/1

Next Hop: IP Address 10.46.172.1

Admin Distance: 10 - 240

Metric: 10

Route Table: Unicast

BFD Profile: Disable BFD

☐ Path Monitoring

Failure Condition: ☒ Any ☐ All Preemptive Hold Time [min]: 2

<input type="checkbox"/>	NAME	ENABLE	SOURCE IP	DESTINATION IP	PING INTERVAL(SEC)	PING COUNT
--------------------------	------	--------	-----------	----------------	--------------------	------------

- A. default route
- B. OSPF
- C. BGP
- D. static route

**Answer:** A

#### NEW QUESTION 219

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

#### NEW QUESTION 223

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 228

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 verify

**Answer:** C

#### NEW QUESTION 233

What is the correct process for 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

#### NEW QUESTION 235

You need to allow users to access the office-suite application of their choice. How should you configure the firewall to allow access to any office-suite application?

- A. Create an Application Group and add Office 365, Evernote Google Docs and Libre Office
- B. Create an Application Group and add business-systems to it.
- C. Create an Application Filter and name it Office Programs, then filter it on the office programs subcategory.
- D. Create an Application Filter and name it Office Programs then filter on the business-systems category.

**Answer:** C

#### NEW QUESTION 237

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

#### NEW QUESTION 242

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 246

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