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**Palo-Alto**

# PCNSA

*Palo Alto Networks Certified Network Security Administrator*



<https://killexams.com/pass4sure/exam-detail/PCNSA>

### Question: 80

Users from the internal zone need to be allowed to Telnet into a server in the DMZ zone.

Complete the security policy to ensure only Telnet is allowed.

Security Policy: Source Zone: Internal to DMZ Zone \_\_\_\_\_services “Application defaults”, and action = Allow

A. Destination IP: 192.168.1.123/24

B. Application = ‘Telnet’

C. Log Forwarding

D. USER-ID = ‘Allow users in Trusted’

**Answer: B**

### Question: 81

Which three types of authentication services can be used to authenticate user traffic flowing through the firewalls data plane? (Choose three )

A. TACACS

B. SAML2

C. SAML10

D. Kerberos

E. TACACS+

**Answer: A,B,D**

### Question: 82

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

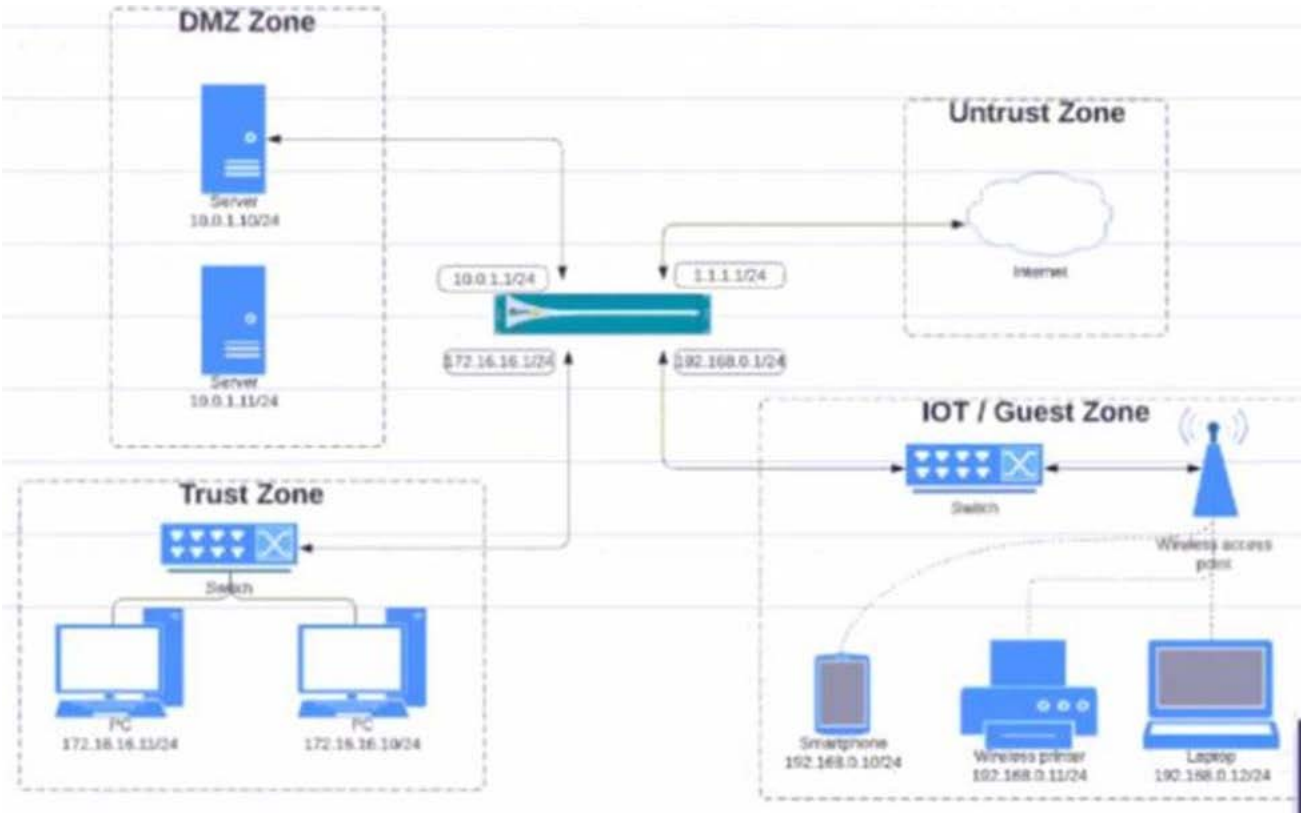
C. Address groups

D. Custom objects

Answer: B

Question: 83

Given the network diagram, traffic should be permitted for both Trusted and Guest users to access general Internet and DMZ servers using SSH, web-browsing and SSL applications.



Which policy achieves the desired results?

A)

NAME	TAGS	TYPE	Source				Destination	
			ZONE	ADDRESS	USER	DEVICE	ZONE	ADDRESS
04-A	none	universal	IOT-Guest	172.16.16.0/24	any	any	DMZ	any
			Trust	192.168.0.0/24			Untrust	

B)

NAME	TAGS	TYPE	ZONE	ADDRESS	USER	DEVICE	Destination	
							ZONE	ADDRESS
03-A	none	universal	IOT-Guest	172.16.16.0/24	any	any	DMZ	1.1.1.0/24
			Trust	192.168.0.0/24			Untrust	10.0.1.0/24

C)

NAME	TAGS	TYPE	Source				Destination	
			ZONE	ADDRESS	USER	DEVICE	ZONE	ADDRESS
02-A	none	universal	IOT-Guest	172.16.18.0/24	any	any	DMZ	any
			Trust	192.168.0.0/24			Untrust	

D)

NAME	TAGS	TYPE	Source				Destination	
			ZONE	ADDRESS	USER	DEVICE	ZONE	ADDRESS
01-A	none	universal	IOT-Guest	10.0.1.0/24	any	any	DMZ	1.1.1.0/24
			Trust	172.16.16.0/12			Untrust	192.168.0.0/24

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

Answer: C

Question: 84

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

Device SN: 007251000156340 IP Protocol: udp Log Action: global-logs Generated Time: 2021/08/27 02:02:49 Receive Time: 2021/08/27 02:02:53 Tunnel Type: N/A	Interface: ethernet1/4 NAT IP: 67.290.64.58 NAT Port: 26355 X-Forwarded-For-IP: 0.0.0.0	NAT IP: 8.8.4.4 NAT Port: 53
<div> <div> <div>Details</div> <div>           Threat Type: spyware            Threat ID/Name: Phishing:SSL-156.742n-addr.aspx            ID: 108030001 (View in Threat Vault)            Category: dns-glitching            Content Version: AppThreat-0-0            Severity: low            Repeat Count: 2            File Name:            URL: SSL-156.742n-addr.aspx            Partial Hash: 0            Pcap ID: 0            Source UUID:            Destination UUID:            Dynamic User Group:            Network Slice ID: SST            Network Slice ID SD:            App Category: networking            App SubCategory: infrastructure            App Technology: network-protocol            App Characteristics: used-by-malware(has-known-vulnerability-perceived-one)            App Container:            App Risk: 3         </div> </div> <div> <div>Flags</div> <div> <input type="checkbox"/> Captive Portal  <input type="checkbox"/> Proxy Transaction  <input type="checkbox"/> Decrypted  <input type="checkbox"/> Packet Capture  <input checked="" type="checkbox"/> Client to Server  <input type="checkbox"/> Server to Client  <input type="checkbox"/> Tunnel Inspected         </div> </div> <div> <div>DeviceID</div> <div>           Source Device Category: Virtual Machine            Source Device Profile: VMware            Source Device Model:            Source Device Vendor: VMware, Inc.            Source Device OS Family:            Source Device OS Version:            Source Device Host: ubuntu-server            Source Device MAC: 00:50:56:a2:19:63            Destination Device Category:            Destination Device Profile:            Destination Device Model:         </div> </div> </div>		

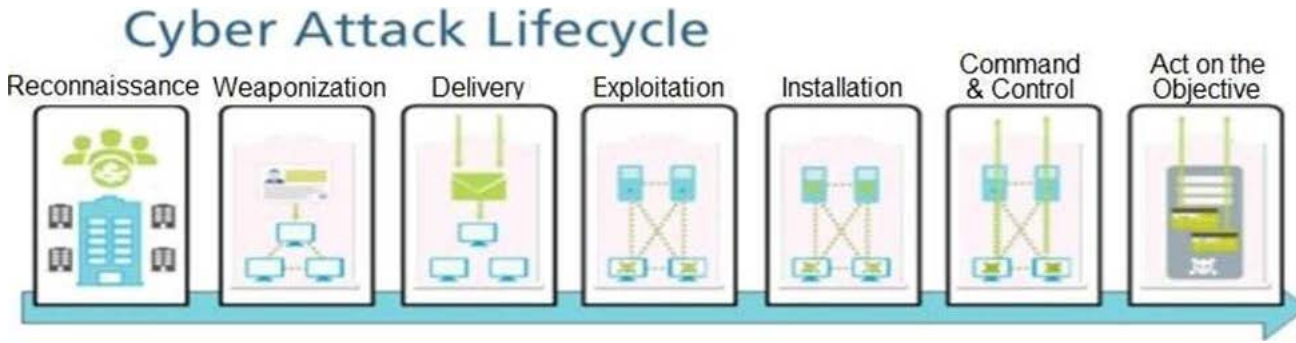
- A. It was blocked by the Vulnerability Protection profile action.
- B. It was blocked by the Anti-Virus Security profile action.
- C. It was blocked by the Anti-Spyware Profile action.

D. It was blocked by the Security policy action.

**Answer:** C

**Question:** 85

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

**Question:** 86

How are Application Filters 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

**Question:** 87

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.

**Question: 88**

Which interface does not require a MAC or IP address?

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

**Answer: A**

**Question: 89**

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: B,C**

**Question: 90**

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**

**Question: 91**

Which statement is true about Panorama managed devices?

- A. Panorama automatically removes local configuration locks after a commit from Panorama
- B. Local configuration locks prohibit Security policy changes for a Panorama managed device
- C. Security policy rules configured on local firewalls always take precedence

D. Local configuration locks can be manually unlocked from Panorama

**Answer:** D

Explanation:

Reference: <https://docs.paloaltonetworks.com/panorama/9-1/panorama-admin/administer-panorama/manage-locks-forrestricting-configuration-changes.html>

**Question:** 92

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

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

**Answer:** D

**Question:** 93

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

**Question:** 94

What are three differences between security policies and security profiles? (Choose three.)

- A. Security policies are attached to security profiles
- B. Security profiles are attached to security policies
- C. Security profiles should only be used on allowed traffic
- D. Security profiles are used to block traffic by themselves
- E. Security policies can block or allow traffic

**Answer:** B,C,E

**Question:** 95

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>

**Question: 96**

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>

**Question: 97**

Which administrator type utilizes predefined roles for a local administrator account?

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

**Answer: C**

**Question: 98**

What are the requirements for using Palo Alto Networks EDL Hosting Service?

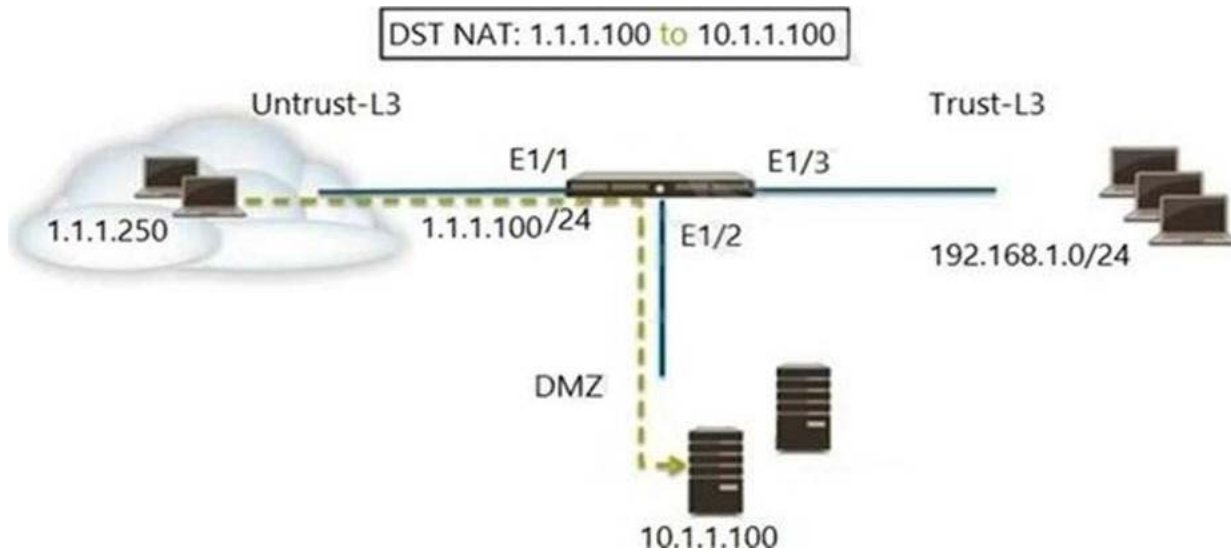
- A. any supported Palo Alto Networks firewall or Prisma Access firewall
- B. an additional subscription free of charge
- C. a firewall device running with a minimum version of PAN-OS 10.1
- D. an additional paid subscription



**Answer: A**

**Question: 99**

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. Untrust (any) to DMZ (10.1.1.100), web browsing -Allow
- B. Untrust (any) to Untrust (1.1.1.100), web browsing – Allow
- C. Untrust (any) to Untrust (10.1.1.100), web browsing -Allow
- D. Untrust (any) to DMZ (1.1.1.100), web browsing – Allow

**Answer: D**

Explanation:

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



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