



# **Paloalto-Networks**

## **Exam Questions PCNSE**

Palo Alto Networks Certified Security Engineer (PCNSE) PAN-OS 9.0

## About ExamBible

*[Your Partner of IT Exam](#)*

## Found in 1998

ExamBible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, ExamBible has its unique advantages that other companies could not achieve.

## Our Advances

### \* 99.9% Uptime

All examinations will be up to date.

### \* 24/7 Quality Support

We will provide service round the clock.

### \* 100% Pass Rate

Our guarantee that you will pass the exam.

### \* Unique Gurantee

If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

#### NEW QUESTION 1

- (Exam Topic 2)

An Administrator is configuring Authentication Enforcement and they would like to create an exemption rule to exempt a specific group from authentication. Which authentication enforcement object should they select?

- A. default-browser-challenge
- B. default-authentication-bypass
- C. default-web-format
- D. default-no-captive-portal

**Answer:** D

#### NEW QUESTION 2

- (Exam Topic 2)

Which option is part of the content inspection process?

- A. Packet forwarding process
- B. SSL Proxy re-encrypt
- C. IPsec tunnel encryption
- D. Packet egress process

**Answer:** B

#### Explanation:

<http://live.paloaltonetworks.com/t5/image/serverpage/image-id/12862i950F549C7D4E6309>

#### NEW QUESTION 3

- (Exam Topic 2)

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 Untrust (10. 1.1. 100), web browsing – Allow
- B. Untrust (any) to Untrust (1. 1. 1. 100), web browsing – Allow
- C. Untrust (any) to DMZ (1. 1. 1. 100), web browsing – Allow
- D. Untrust (any) to DMZ (10. 1. 1. 100), web browsing – Allow

**Answer:** C

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/networking/nat/nat-configuration-examples/destinat>

#### NEW QUESTION 4

- (Exam Topic 2)

In which two types of deployment is active/active HA configuration supported? (Choose two.)

- A. TAP mode
- B. Layer 2 mode
- C. Virtual Wire mode
- D. Layer 3 mode

**Answer:** CD

#### NEW QUESTION 5

- (Exam Topic 2)

Which method will dynamically register tags on the Palo Alto Networks NGFW?

- A. Restful API or the VMWare API on the firewall or on the User-ID agent or the read-only domain controller (RODC)
- B. Restful API or the VMware API on the firewall or on the User-ID agent
- C. XML-API or the VMware API on the firewall or on the User-ID agent or the CLI
- D. XML API or the VM Monitoring agent on the NGFW or on the User-ID agent

**Answer:** D

#### Explanation:

Reference:

<https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/policy/monitor-changes-in-the-virtual-environmen>

#### NEW QUESTION 6

- (Exam Topic 2)

Which log file can be used to identify SSL decryption failures?

- A. Configuration
- B. Threats
- C. ACC

D. Traffic

**Answer:** D

**Explanation:**

<https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClboCAC>

#### NEW QUESTION 7

- (Exam Topic 2)

Which DoS protection mechanism detects and prevents session exhaustion attacks?

- A. Packet Based Attack Protection
- B. Flood Protection
- C. Resource Protection
- D. TCP Port Scan Protection

**Answer:** C

**Explanation:**

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/dos-protection-profiles>

#### NEW QUESTION 8

- (Exam Topic 2)

If the firewall has the link monitoring configuration, what will cause a failover?

- A. ethernet1/3 and ethernet1/6 going down
- B. ethernet1/3 going down
- C. ethernet1/3 or Ethernet1/6 going down
- D. ethernet1/6 going down

**Answer:** A

#### NEW QUESTION 9

- (Exam Topic 2)

Which protection feature is available only in a Zone Protection Profile?

- A. SYN Flood Protection using SYN Flood Cookies
- B. ICMP Flood Protection
- C. Port Scan Protection
- D. UDP Flood Protections

**Answer:** A

**Explanation:**

<https://docs.paloaltonetworks.com/pan-os/7-1/pan-os-web-interface-help/network/network-network-profiles-zon>

#### NEW QUESTION 10

- (Exam Topic 2)

A global corporate office has a large-scale network with only one User-ID agent, which creates a bottleneck near the User-ID agent server. Which solution in PAN-OS® software would help in this case?

- A. application override
- B. Virtual Wire mode
- C. content inspection
- D. redistribution of user mappings

**Answer:** D

**Explanation:**

Reference:

<https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/deploy-user-id-in-a-large-scale-net>

#### NEW QUESTION 10

- (Exam Topic 2)

How can a candidate or running configuration be copied to a host external from Panorama?

- A. Commit a running configuration.
- B. Save a configuration snapshot.
- C. Save a candidate configuration.
- D. Export a named configuration snapshot.

**Answer:** D

**Explanation:**

Reference:

[https://www.paloaltonetworks.com/documentation/71/panorama/panorama\\_adminguide/administer-panorama/ba-panorama-and-firewall-configurations](https://www.paloaltonetworks.com/documentation/71/panorama/panorama_adminguide/administer-panorama/ba-panorama-and-firewall-configurations)

**NEW QUESTION 13**

- (Exam Topic 2)

VPN traffic intended for an administrator's Palo Alto Networks NGFW is being maliciously intercepted and retransmitted by the interceptor. When creating a VPN tunnel, which protection profile can be enabled to prevent this malicious behavior?

- A. Zone Protection
- B. Replay
- C. Web Application
- D. DoS Protection

**Answer:** B

**Explanation:**

<https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/vpns/set-up-site-to-site-vpn/set-up-an-ipsec-tunnel#>

**NEW QUESTION 14**

- (Exam Topic 2)

Starting with PAN-OS version 9.1, GlobalProtect logging information is now recorded in which firewall log?

- A. Configuration
- B. GlobalProtect
- C. Authentication
- D. System

**Answer:** C

**NEW QUESTION 19**

- (Exam Topic 2)

An administrator just submitted a newly found piece of spyware for WildFire analysis. The spyware passively monitors behavior without the user's knowledge. What is the expected verdict from WildFire?

- A. Grayware
- B. Malware
- C. Spyware
- D. Phishing

**Answer:** A

**Explanation:**

Wildfire verdicts are as follows: 1-Begin 2-Greyware 3-Malicious 4-Phishing [https://www.paloaltonetworks.com/documentation/80/wildfire/wf\\_admin/wildfire-overview/wildfire-concepts/](https://www.paloaltonetworks.com/documentation/80/wildfire/wf_admin/wildfire-overview/wildfire-concepts/)

**NEW QUESTION 22**

- (Exam Topic 2)

What are the differences between using a service versus using an application for Security Policy match?

- A. Use of a "service" enables the firewall to take action after enough packets allow for App-ID identification
- B. Use of a "service" enables the firewall to take immediate action with the first observed packet based on port numbers. Use of an "application" allows the firewall to take action after enough packets allow for App-ID identification regardless of the ports being used.
- C. There are no differences between "service" or "application". Use of an "application" simplifies configuration by allowing use of a friendly application name instead of port numbers.
- D. Use of a "service" enables the firewall to take immediate action with the first observed packet based on port number
- E. Use of an "application" allows the firewall to take immediate action if the port being used is a member of the application standard port list

**Answer:** B

**NEW QUESTION 23**

- (Exam Topic 2)

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) received 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 Untrust (10.1.1.1) Ssh-Allow
- B. Untrust (Any) to DMZ (1.1.1.100) Ssh-Allow
- C. Untrust (Any) to DMZ (1.1.1.100) Web-browsing -Allow

D. Untrust (Any) to Untrust (10.1.1.1) Web-browsing -Allow

**Answer:** CD

#### NEW QUESTION 28

- (Exam Topic 2)

What is exchanged through the HA2 link?

- A. hello heartbeats
- B. User-ID information
- C. session synchronization
- D. HA state information

**Answer:** C

#### Explanation:

Reference:

<https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-links-and-backup-links>

#### NEW QUESTION 32

- (Exam Topic 2)

Which feature can provide NGFWs with User-ID mapping information?

- A. Web Captcha
- B. Native 802.1q authentication
- C. GlobalProtect
- D. Native 802.1x authentication

**Answer:** C

#### NEW QUESTION 33

- (Exam Topic 2)

An administrator has been asked to create 100 virtual firewalls in a local, on-premise lab environment (not in “the cloud”). Bootstrapping is the most expedient way to perform this task.

Which option describes deployment of a bootstrap package in an on-premise virtual environment?

- A. Use config-drive on a USB stick.
- B. Use an S3 bucket with an ISO.
- C. Create and attach a virtual hard disk (VHD).
- D. Use a virtual CD-ROM with an ISO.

**Answer:** D

#### Explanation:

Reference:

<https://www.paloaltonetworks.com/documentation/71/pan-os/newfeaturesguide/management-features/bootstrapp-firewalls-for-rapid-deployment.html>

#### NEW QUESTION 37

- (Exam Topic 2)

What should an administrator consider when planning to revert Panorama to a pre-PAN-OS 8.1 version?

- A. Panorama cannot be reverted to an earlier PAN-OS release if variables are used in templates or template stacks.
- B. An administrator must use the Expedition tool to adapt the configuration to the pre-PAN-OS 8.1 state.
- C. When Panorama is reverted to an earlier PAN-OS release, variables used in templates or template stacks will be removed automatically.
- D. Administrators need to manually update variable characters to those used in pre-PAN-OS 8.1.

**Answer:** A

#### NEW QUESTION 42

- (Exam Topic 2)

An administrator accidentally closed the commit window/screen before the commit was finished. Which two options could the administrator use to verify the progress or success of that commit task? (Choose two.)

- A. Exhibit A
- B. Exhibit B
- C. Exhibit C
- D. Exhibit D

**Answer:** AD

#### NEW QUESTION 44

- (Exam Topic 2)

A bootstrap USB flash drive has been prepared using a Windows workstation to load the initial configuration of a Palo Alto Networks firewall that was previously being used in a lab. The USB flash drive was formatted using file system FAT32 and the initial configuration is stored in a file named init-cfg.txt. The firewall is currently running PAN-OS 10.0 and using a lab config. The contents of init-cfg.txt in the USB flash drive are as follows:

The USB flash drive has been inserted in the firewalls' USB port, and the firewall has been restarted using command: > request restart system. Upon restart, the firewall fails to begin the bootstrapping process. The failure is caused because

- A. Firewall must be in factory default state or have all private data deleted for bootstrapping
- B. The hostname is a required parameter, but it is missing in init-cfg.txt
- C. The USB must be formatted using the ext3 file system, FAT32 is not supported
- D. PANOS version must be 9.1.x at a minimum but the firewall is running 10.0.x
- E. The bootstrap.xml file is a required file but it is missing

**Answer:** C

#### NEW QUESTION 46

- (Exam Topic 2)

Which is the maximum number of samples that can be submitted to WildFire per day, based on wildfire subscription?

- A. 15,000
- B. 10,000
- C. 75,000
- D. 5,000

**Answer:** B

#### NEW QUESTION 47

- (Exam Topic 2)

SD-WAN is designed to support which two network topology types? (Choose two.)

- A. ring
- B. point-to-point
- C. hub-and-spoke
- D. full-mesh

**Answer:** CD

#### NEW QUESTION 50

- (Exam Topic 2)

A company wants to install a PA-3060 firewall between two core switches on a VLAN trunk link. They need to assign each VLAN to its own zone and to assign untagged (native) traffic to its own zone. Which options differentiate multiple VLANs into separate zones?

- A. Create V-Wire objects with two V-Wire interfaces and define a range of "0-4096" in the "Tag Allowed" field of the V-Wire object.
- B. Create V-Wire objects with two V-Wire subinterfaces and assign only a single VLAN ID to the "Tag Allowed" field of the V-Wire object.
- C. Repeat for every additional VLAN and use a VLAN ID of 0 for untagged traffic.
- D. Assign each interface/sub-interface to a unique zone.
- E. Create Layer 3 subinterfaces that are each assigned to
- F. a single VLAN ID and a common virtual router. The physical Layer 3 interface would handle untagged traffic.
- G. Assign each interface/sub-interface to
- H. a unique zone.
- I. Do not assign any interface an IP address.
- J. Create VLAN objects for each VLAN and assign VLAN interfaces matching each VLAN to
- K. Repeat for every additional VLAN and use a VLAN ID of 0 for untagged traffic.
- L. Assign each interface/sub-interface to a unique zone.

**Answer:** B

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/networking/configure-interfaces/virtual-wire-interface> Virtual wire interfaces by default allow all untagged traffic. You can, however, use a virtual wire to connect two interfaces and configure either interface to block or allow traffic based on the virtual LAN (VLAN) tags. VLAN tag 0 indicates untagged traffic. You can also create multiple subinterfaces, add them into different zones, and then classify traffic according to a VLAN tag or a combination of a VLAN tag with IP classifiers (address, range, or subnet) to apply granular policy control for specific VLAN tags or for VLAN tags from a specific source IP address, range, or subnet.

#### NEW QUESTION 52

- (Exam Topic 2)

SAML SLO is supported for which two firewall features? (Choose two.)

- A. GlobalProtect Portal
- B. CaptivePortal
- C. WebUI
- D. CLI

**Answer:** AB

#### NEW QUESTION 53

- (Exam Topic 2)

To more easily reuse templates and template slacks , you can create term plate variables in place of firewall-specific and appliance-specific IP literals in your configurations

Which one is the correct configuration?

- A. @Panorama
- B. #Pancrama
- C. &Panorama
- D. \$Panorama

**Answer:** D

#### NEW QUESTION 55

- (Exam Topic 2)

An administrator is defining protection settings on the Palo Alto Networks NGFW to guard against resource exhaustion. When platform utilization is considered, which steps must the administrator take to configure and apply packet buffer protection?

- A. Enable and configure the Packet Buffer protection thresholds.Enable Packet Buffer Protection per ingress zone.
- B. Enable and then configure Packet Buffer thresholdsEnable Interface Buffer protection.
- C. Create and Apply Zone Protection Profiles in all ingress zones.Enable Packet Buffer Protection per ingress zone.
- D. Configure and apply Zone Protection Profiles for all egress zones.Enable Packet Buffer Protection pre egress zone.
- E. Enable per-vsyz Session Threshold alerts and triggers for Packet Buffer Limits.Enable Zone Buffer Protection per zone.

**Answer:** A

#### NEW QUESTION 56

- (Exam Topic 2)

How does Panorama prompt VMWare NSX to quarantine an infected VM?

- A. HTTP Server Profile
- B. Syslog Server Profile
- C. Email Server Profile
- D. SNMP Server Profile

**Answer:** A

#### NEW QUESTION 59

- (Exam Topic 2)

Which two options prevent the firewall from capturing traffic passing through it? (Choose two.)

- A. The firewall is in multi-vsyz mode.
- B. The traffic is offloaded.
- C. The traffic does not match the packet capture filter.
- D. The firewall's DP CPU is higher than 50%.

**Answer:** BC

#### Explanation:

Reference:

[https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/monitoring/take-packet-captures/disable-ha offload](https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/monitoring/take-packet-captures/disable-ha%20offload)

#### NEW QUESTION 61

- (Exam Topic 2)

If an administrator does not possess a website's certificate, which SSL decryption mode will allow the Palo Alto networks NGFW to inspect when users browse to HTTP(S) websites?

- A. SSL Forward Proxy
- B. SSL Inbound Inspection
- C. TLS Bidirectional proxy
- D. SSL Outbound Inspection

**Answer:** A

#### Explanation:

<https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CIV8CAK>

#### NEW QUESTION 66

- (Exam Topic 2)

An administrator needs to implement an NGFW between their DMZ and Core network. EIGRP Routing between the two environments is required. Which interface type would support this business requirement?

- A. Virtual Wire interfaces to permit EIGRP routing to remain between the Core and DMZ
- B. Layer 3 or Aggregate Ethernet interfaces, but configuring EIGRP on subinterfaces only
- C. Tunnel interfaces to terminate EIGRP routing on an IPsec tunnel (with the GlobalProtect License to support LSVPN and EIGRP protocols)
- D. Layer 3 interfaces, but configuring EIGRP on the attached virtual router

**Answer:** A

#### NEW QUESTION 71

- (Exam Topic 2)

On the NGFW, how can you generate and block a private key from export and thus harden your security posture and prevent rogue administrators or other bad actors from misusing keys?

- A. \* 1. Select Device > Certificate Management > Certificates > Device > Certificates \* 2. Import the certificate. \* 3 Select Import Private Key \* 4 Click Generate to generate the new certificate
- B. \* 1 Select Device > Certificates \* 2 Select Certificate Profile \* 3 Generate the certificate \* 4 Select Block Private Key Export.
- C. \* 1 Select Device > Certificates \* 2 Select Certificate Profile. \* 3 Generate the certificate \* 4 Select Block Private Key Export
- D. \* 1 Select Device > Certificate Management > Certificates > Device > Certificates \* 2 Generate the certificate \* 3 Select Block Private Key Export \* 4 Click Generate to generate the new certificate.

**Answer:** D

#### NEW QUESTION 73

- (Exam Topic 2)

Refer to the exhibit.

Which certificates can be used as a Forwarded Trust certificate?

- A. Certificate from Default Trust Certificate Authorities
- B. Domain Sub-CA
- C. Forward\_Trust
- D. Domain-Root-Cert

**Answer:** B

#### NEW QUESTION 75

- (Exam Topic 2)

QUESTION NO: 94

If an administrator wants to decrypt SMTP traffic and possesses the server's certificate, which SSL decryption mode will allow the Palo Alto Networks NGFW to inspect traffic to the server?

- A. TLS Bidirectional Inspection
- B. SSL Inbound Inspection
- C. SSH Forward Proxy
- D. SMTP Inbound Decryption

**Answer:** B

#### Explanation:

Reference:

<https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/configure-ssl-inbound-inspectio>

#### NEW QUESTION 79

- (Exam Topic 2)

Which CLI command can be used to export the tcpdump capture?

- A. scp export tcpdump from mgmt.pcap to <username@host:path>
- B. scp extract mgmt-pcap from mgmt.pcap to <username@host:path>
- C. scp export mgmt-pcap from mgmt.pcap to <username@host:path>
- D. download mgmt.-pcap

**Answer:** C

#### Explanation:

Reference:

<https://live.paloaltonetworks.com/t5/Management-Articles/How-To-Packet-Capture-tcpdump-On-Management- p/55415>

#### NEW QUESTION 83

- (Exam Topic 2)

An administrator has a requirement to export decrypted traffic from the Palo Alto Networks NGFW to a third-party, deep-level packet inspection appliance. Which interface type and license feature are necessary to meet the requirement?

- A. Decryption Mirror interface with the Threat Analysis license
- B. Virtual Wire interface with the Decryption Port Export license
- C. Tap interface with the Decryption Port Mirror license
- D. Decryption Mirror interface with the associated Decryption Port Mirror license

**Answer:** D

**Explanation:**

Reference:

<https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/decryption-mirroring>

“Before you can enable Decryption Mirroring, you must obtain and install a Decryption Port Mirror license. The license is free of charge and can be activated through the support portal as described in the following procedure. After you install the Decryption Port Mirror license and reboot the firewall, you can enable decryption port mirroring. “

**NEW QUESTION 84**

- (Exam Topic 2)

Which three authentication services can administrator use to authenticate admins into the Palo Alto Networks NGFW without defining a corresponding admin account on the local firewall? (Choose three.)

- A. Kerberos
- B. PAP
- C. SAML
- D. TACACS+
- E. RADIUS
- F. LDAP

**Answer:** ACF

**Explanation:**

<https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/firewall-administration/manage-firewall-administra>

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. For details, see:

[Configure SAML Authentication](#)[Configure TACACS+ Authentication](#)[Configure RADIUS Authentication](#)

**NEW QUESTION 87**

- (Exam Topic 2)

A customer wants to set up a VLAN interface for a Layer 2 Ethernet port.

Which two mandatory options are used to configure a VLAN interface? (Choose two.)

- A. Virtual router
- B. Security zone
- C. ARP entries
- D. Netflow Profile

**Answer:** AB

**Explanation:**

Reference:

<https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/network/network-interfaces/pa>

[layer-2-interface#idd2bcaacc-54b9-4ec9-a1dd-8064499f5b9d](#)

<https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CIRqCAK>

VLAN interface is not necessary but in this scenarion we assume it is. Create VLAN object, VLAN interface and VLAN Zone. Attach VLAN interface to VLAN object together with two L2 interfaces then attach VLAN interface to virtual router. Without VLAN interface you can pass traffic between interfaces on the same network and with VLAN interface you can route traffic to other networks.

**NEW QUESTION 88**

- (Exam Topic 2)

A speed/duplex negotiation mismatch is between the Palo Alto Networks management port and the switch port which it connects. How would an administrator configure the interface to 1Gbps?

- A. set deviceconfig interface speed-duplex 1Gbps-full-duplex
- B. set deviceconfig system speed-duplex 1Gbps-duplex
- C. set deviceconfig system speed-duplex 1Gbps-full-duplex
- D. set deviceconfig Interface speed-duplex 1Gbps-half-duplex

**Answer:** C

**Explanation:**

Reference:

<https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Change-the-Speed-and-Duplex-of-the-Man-Port/ta-p/59034>

user@PA# set deviceconfig system speed-duplex100Mbps-full-duplex

100Mbps-full-duplex100Mbps-half-duplex 100Mbps-half-duplex10Mbps-full-duplex 10Mbps-full-duplex10Mbps-half-duplex 10Mbps-half-duplex1Gbps-full-duplex

1Gbps-full-duplex1Gbps-half-duplex 1Gbps-half-duplexauto-negotiate auto-negotiate

**NEW QUESTION 90**

- (Exam Topic 2)

Which option enables a Palo Alto Networks NGFW administrator to schedule Application and Threat updates while applying only new content-IDs to traffic?

- A. Select download-and-install.
- B. Select download-and-install, with "Disable new apps in content update" selected.
- C. Select download-only.
- D. Select disable application updates and select "Install only Threat updates"

**Answer:** C

#### NEW QUESTION 92

- (Exam Topic 2)

An administrator needs to upgrade an NGFW to the most current version of PAN-OS® software. The following is occurring:

- Firewall has Internet connectivity through e1/1.
- Default security rules and security rules allowing all SSL and web-browsing traffic to and from any zone.
- Service route is configured, sourcing update traffic from e1/1.
- A communication error appears in the System logs when updates are performed.
- Download does not complete.

What must be configured to enable the firewall to download the current version of PAN-OS software?

- A. DNS settings for the firewall to use for resolution
- B. scheduler for timed downloads of PAN-OS software
- C. static route pointing application PaloAlto-updates to the update servers
- D. Security policy rule allowing PaloAlto-updates as the application

**Answer:** D

#### NEW QUESTION 97

- (Exam Topic 2)

Which feature prevents the submission of corporate login information into website forms?

- A. Data filtering
- B. User-ID
- C. File blocking
- D. Credential phishing prevention

**Answer:** D

#### Explanation:

Reference:

<https://www.paloaltonetworks.com/cyberpedia/how-the-next-generation-security-platform-contributes-to-gdpr-c>

“Credential phishing prevention works by scanning username and password submissions to websites and comparing those submissions against valid corporate credentials. You can choose what websites you want to either allow, alert on, or block corporate credential submissions to based on the URL category of the website. Alternatively, you can present a page that warns users against submitting credentials to sites classified in certain URL categories. This gives you the opportunity to educate users against reusing corporate credentials, even on legitimate, non-phishing sites. In the event that corporate credentials are compromised, this feature allows you to identify the user who submitted credentials so that you can remediate.”

#### NEW QUESTION 98

- (Exam Topic 2)

If a template stack is assigned to a device and the stack includes three templates with overlapping settings, which settings are published to the device when the template stack is pushed?

- A. The settings assigned to the template that is on top of the stack.
- B. The administrator will be promoted to choose the settings for that chosen firewall.
- C. All the settings configured in all templates.
- D. Depending on the firewall location, Panorama decides with settings to send.

**Answer:** A

#### Explanation:

Reference:

[https://www.paloaltonetworks.com/documentation/80/panorama/panorama\\_adminguide/manage-firewalls/mana-templates-and-template-stacks/configure-a-template-stack](https://www.paloaltonetworks.com/documentation/80/panorama/panorama_adminguide/manage-firewalls/mana-templates-and-template-stacks/configure-a-template-stack)

#### NEW QUESTION 103

- (Exam Topic 2)

An administrator has created an SSL Decryption policy rule that decrypts SSL sessions on any port. Which log entry can the administrator use to verify that sessions are being decrypted?

- A. In the details of the Traffic log entries
- B. Decryption log
- C. Data Filtering log
- D. In the details of the Threat log entries

**Answer:** A

#### Explanation:

Reference:

<https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Implement-and-Test-SSL-Decryption/ta-p/5>

#### NEW QUESTION 105

- (Exam Topic 2)

Which PAN-OS® policy must you configure to force a user to provide additional credentials before he is allowed to access an internal application that contains highly-sensitive business data?

- A. Security policy

- B. Decryption policy
- C. Authentication policy
- D. Application Override policy

**Answer:** C

#### NEW QUESTION 109

- (Exam Topic 2)

Which administrative authentication method supports authorization by an external service?

- A. Certificates
- B. LDAP
- C. RADIUS
- D. SSH keys

**Answer:** C

#### NEW QUESTION 111

- (Exam Topic 2)

A company needs to preconfigure firewalls to be sent to remote sites with the least amount of reconfiguration. Once deployed, each firewall must establish secure tunnels back to multiple regional data centers to include the future regional data centers.

Which VPN configuration would adapt to changes when deployed to the future site?

- A. Preconfigured GlobalProtect satellite
- B. Preconfigured GlobalProtect client
- C. Preconfigured IPsec tunnels
- D. Preconfigured PPTP Tunnels

**Answer:** A

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/large-scale-vpn-lsvpn/configure-the-globalprotect>

#### NEW QUESTION 112

- (Exam Topic 2)

Which GlobalProtect Client connect method requires the distribution and use of machine certificates?

- A. User-logon (Always on)
- B. At-boot
- C. On-demand
- D. Pre-logon

**Answer:** D

#### NEW QUESTION 115

- (Exam Topic 2)

Which two benefits come from assigning a Decryption Profile to a Decryption policy rule with a “No Decrypt” action? (Choose two.)

- A. Block sessions with expired certificates
- B. Block sessions with client authentication
- C. Block sessions with unsupported cipher suites
- D. Block sessions with untrusted issuers
- E. Block credential phishing

**Answer:** AD

#### Explanation:

<https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/configure-decryption-exception>

#### NEW QUESTION 119

- (Exam Topic 2)

When configuring a GlobalProtect Portal, what is the purpose of specifying an Authentication Profile?

- A. To enable Gateway authentication to the Portal
- B. To enable Portal authentication to the Gateway
- C. To enable user authentication to the Portal
- D. To enable client machine authentication to the Portal

**Answer:** C

#### Explanation:

The additional options of Browser and Satellite enable you to specify the authentication profile to use for specific scenarios. Select Browser to specify the authentication profile to use to authenticate a user accessing the portal from a web browser with the intent of downloading the GlobalProtect agent (Windows and Mac). Select Satellite to specify the authentication profile to use to authenticate the satellite.

Reference

<https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/globalprotect/network-globalpr>

#### NEW QUESTION 121

- (Exam Topic 2)

Which Panorama administrator types require the configuration of at least one access domain? (Choose two)

- A. Dynamic
- B. Custom Panorama Admin
- C. Role Based
- D. Device Group
- E. Template Admin

**Answer:** DE

#### NEW QUESTION 123

- (Exam Topic 2)

A customer wants to set up a site-to-site VPN using tunnel interfaces? Which two formats are correct for naming tunnel interfaces? (Choose two.)

- A. Vpn-tunnel.1024
- B. vpn-tunne.1
- C. tunnel 1025
- D. tunne
- E. 1

**Answer:** CD

#### NEW QUESTION 127

- (Exam Topic 2)

A customer has an application that is being identified as unknown-top for one of their custom PostgreSQL database connections. Which two configuration options can be used to correctly categorize their custom database application? (Choose two.)

- A. Application Override policy.
- B. Security policy to identify the custom application.
- C. Custom application.
- D. Custom Service object.

**Answer:** AC

#### Explanation:

Unlike the App-ID engine, which inspects application packet contents for unique signature elements, the Application Override policy's matching conditions are limited to header-based data only. Traffic matched by an Application Override policy is identified by the App-ID entered in the Application entry box. Choices are limited to applications currently in the App-ID database. Because this traffic bypasses all Layer 7 inspection, the resulting security is that of a Layer-4 firewall. Thus, this traffic should be trusted without the need for Content-ID inspection. The resulting application assignment can be used in other firewall functions such as Security policy and QoS. Use Cases Three primary uses cases for Application Override Policy are:

To identify "Unknown" App-IDs with a different or custom application signature To re-identify an existing application signature

To bypass the Signature Match Engine (within the SP3 architecture) to improve processing times A discussion of typical uses of application override and specific implementation examples is here: <https://live.paloaltonetworks.com/t5/Learning-Articles/Tips-and-Tricks-How-to-Create-an-Application>

#### NEW QUESTION 131

- (Exam Topic 2)

Decrypted packets from the website <https://www.microsoft.com> will appear as which application and service within the Traffic log?

- A. web-browsing and 443
- B. SSL and 80
- C. SSL and 443
- D. web-browsing and 80

**Answer:** A

#### Explanation:

We know that SSL decryption is supposed to give us visibility of traffic that would otherwise be encrypted. Therefore, we'd expect decrypted traffic to be identified as the underlying applications, such as web-browsing, facebook-base or other, but not as SSL.

<https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CmdLCAS>

#### NEW QUESTION 135

- (Exam Topic 2)

Which User-ID method maps IP address to usernames for users connecting through a web proxy that has already authenticated the user?

- A. Client Probing
- B. Port mapping
- C. Server monitoring
- D. Syslog listening

**Answer:** D

#### Explanation:

To obtain user mappings from existing network services that authenticate users—such as wireless controllers, 802.1x devices, Apple Open Directory servers, proxy servers, or other Network Access Control (NAC) mechanisms—Configure User-ID to Monitor Syslog Senders for User Mapping. While you can configure either the Windows agent or the PAN-OS integrated User-ID agent on the firewall to listen for authentication syslog messages from the network services, because only the PAN-OS integrated agent supports syslog listening over TLS, it is the preferred configuration.

#### NEW QUESTION 140

- (Exam Topic 2)

At which stage of the cyber-attack lifecycle would the attacker attach an infected PDF file to an email?

- A. exploitation
- B. IP command and control
- C. delivery
- D. reconnaissance

**Answer:** D

#### NEW QUESTION 145

- (Exam Topic 2)

Which three steps will reduce the CPU utilization on the management plane? (Choose three.)

- A. Disable SNMP on the management interface.
- B. Application override of SSL application.
- C. Disable logging at session start in Security policies.
- D. Disable predefined reports.
- E. Reduce the traffic being decrypted by the firewall.

**Answer:** ACD

#### Explanation:

<https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CleLCAS>

#### NEW QUESTION 149

- (Exam Topic 2)

In the following image from Panorama, why are some values shown in red?

- A. sg2 session count is the lowest compared to the other managed devices.
- B. us3 has a logging rate that deviates from the administrator-configured thresholds.
- C. uk3 has a logging rate that deviates from the seven-day calculated baseline.
- D. sg2 has misconfigured session thresholds.

**Answer:** A

#### NEW QUESTION 150

- (Exam Topic 2)

Exhibit:

What will be the egress interface if the traffic's ingress interface is ethernet1/6 sourcing from 192.168.111.3 and to the destination 10.46.41.113 during the time shown in the image?

- A. ethernet1/7
- B. ethernet1/5
- C. ethernet1/6
- D. ethernet1/3

**Answer:** D

#### NEW QUESTION 154

- (Exam Topic 2)

Which feature can be configured on VM-Series firewalls?

- A. aggregate interfaces
- B. machine learning
- C. multiple virtual systems
- D. GlobalProtect

**Answer:** D

#### NEW QUESTION 159

- (Exam Topic 2)

Which three firewall states are valid? (Choose three.)

- A. Active
- B. Functional
- C. Pending
- D. Passive
- E. Suspended

**Answer:** ADE

#### Explanation:

Reference:

<https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-firewall-states>

#### NEW QUESTION 161

- (Exam Topic 2)

Which User-ID method maps IP addresses to usernames for users connecting through an 802.1x-enabled wireless network device that has no native integration with PAN-OS® software?

- A. XML API
- B. Port Mapping
- C. Client Probing
- D. Server Monitoring

**Answer:** A

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/user-id/user-id-concepts/user-mapping/xml-api.ht>

#### NEW QUESTION 166

- (Exam Topic 1)

An administrator needs to gather information about the CPU utilization on both the management plane and the data plane. Where does the administrator view the desired data?

- A. Monitor > Utilization
- B. Resources Widget on the Dashboard
- C. Support > Resources
- D. Application Command and Control Center

**Answer:** A

#### NEW QUESTION 170

- (Exam Topic 2)

An administrator has been asked to configure active/passive HA for a pair of Palo Alto Networks NGFWs. The administrator assigns priority 100 to the active firewall.

Which priority is correct for the passive firewall?

- A. 99
- B. 1
- C. 255

**Answer:** D

#### Explanation:

Reference:

[https://www.paloaltonetworks.com/content/dam/pan/en\\_US/assets/pdf/framemaker/71/pan-os/pan-os/section\\_5.](https://www.paloaltonetworks.com/content/dam/pan/en_US/assets/pdf/framemaker/71/pan-os/pan-os/section_5.) (page 9)

[https://docs.paloaltonetworks.com/content/dam/techdocs/en\\_US/pdf/pan-os/10-0/pan-os-admin/pan-os-admin.pdf](https://docs.paloaltonetworks.com/content/dam/techdocs/en_US/pdf/pan-os/10-0/pan-os-admin/pan-os-admin.pdf) page 315

#### NEW QUESTION 173

- (Exam Topic 1)

Which CLI command displays the physical media that are connected to ethernetl/8?

- A. > show system state filter-pretty sys.si.p8.stats
- B. > show interface ethernetl/8
- C. > show system state filter-pretty sys.sl.p8.phy
- D. > show system state filter-pretty sys.si.p8.med

**Answer:** D

#### NEW QUESTION 176

- (Exam Topic 1)

Match each SD-WAN configuration element to the description of that element.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

An SD-WAN Interface Profile

specifies the Tag that you apply to the physical interface, and also specifies the type of Link that interface is (ADSL/DSL, cable modem, Ethernet, fiber, LTE/3G/4G/5G, MPLS, microwave/radio, satellite, WiFi, or other). The Interface Profile is also where you specify the maximum upload and download speeds (in Mbps) of the ISP's connection. You can also change whether the firewall monitors the path frequently or not; the firewall monitors link types appropriately by default.

A Layer3 Ethernet Interface

with an IPv4 address can support SD-WAN functionalities. You apply an SD-WAN Interface Profile to this interface (red arrow) to indicate the characteristics of the interface. The blue arrow indicates that physical Interfaces are referenced and grouped in a virtual SD-WAN Interface.

A virtual SD-WAN Interface

is a VPN tunnel or DIA group of one or more interfaces that constitute a numbered, virtual SD-WAN Interface to which you can route traffic. The paths belonging to an SD-WAN Interface all go to the same destination WAN and are all the same type (either DIA or VPN tunnel). (Tag A and Tag B indicate that physical interfaces for the virtual interface can have different tags.)

A Path Quality Profile

specifies maximum latency, jitter, and packet loss thresholds. Exceeding a threshold indicates that the path has deteriorated and the firewall needs to select a new path to the target. A sensitivity setting of high, medium, or low lets you indicate to the firewall which path monitoring parameter is more important for the applications to which the profile applies. The green arrow indicates that you reference a Path Quality Profile in one or more SD-WAN Policy Rules; thus, you can specify different thresholds for rules applied to packets having different applications, services, sources, destinations, zones, and users.

A Traffic Distribution Profile

specifies how the firewall determines a new best path if the current preferred path exceeds a path quality threshold. You specify which Tags the distribution

method uses to narrow its selection of a new path; hence, the yellow arrow points from Tags to the Traffic Distribution profile. A Traffic Distribution profile specifies the distribution method for the rule.

The preceding elements come together in  
SD-WAN Policy Rules

The purple arrow indicates that you reference a Path Qualify Profile and a Traffic Distribution profile in a rule, along with packet applications/services, sources, destinations, and users to specifically indicate when and how the firewall performs application-based SD-WAN path selection for a packet not belonging to a session.

<https://docs.paloaltonetworks.com/sd-wan/1-0/sd-wan-admin/sd-wan-overview/sd-wan-configuration-elements.h>

#### NEW QUESTION 180

- (Exam Topic 1)

An organization has recently migrated its infrastructure and configuration to NGFWs, for which Panorama manages the devices. The organization is coming from a L2-L4 firewall vendor, but wants to use App-ID while identifying policies that are no longer needed.

Which Panorama tool can help this organization?

- A. Config Audit
- B. Policy Optimizer
- C. Application Groups
- D. Test Policy Match

**Answer:** A

#### NEW QUESTION 185

- (Exam Topic 1)

A variable name must start with which symbol?

- A. \$
- B. &
- C. !
- D. #

**Answer:** A

**Explanation:**

<https://docs.paloaltonetworks.com/panorama/8-1/panorama-admin/manage-firewalls/manage-templates-and-tem>

#### NEW QUESTION 188

- (Exam Topic 1)

Below are the steps in the workflow for creating a Best Practice Assessment in a firewall and Panorama configuration. Place the steps in order.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 192

- (Exam Topic 1)

When an in-band data port is set up to provide access to required services, what is required for an interface that is assigned to service routes?

- A. The interface must be used for traffic to the required services
- B. You must enable DoS and zone protection
- C. You must set the interface to Layer 2 Layer 3. or virtual wire
- D. You must use a static IP address

**Answer:** A

#### NEW QUESTION 193

- (Exam Topic 1)

Which statement accurately describes service routes and virtual systems?

- A. Virtual systems can only use one interface for all global service and service routes of the firewall
- B. The interface must be used for traffic to the required external services
- C. Virtual systems that do not have specific service routes configured inherit the global service and service route settings for the firewall
- D. Virtual systems cannot have dedicated service routes configured: and virtual systems always use the global service and service route settings for the firewall

**Answer:** A

#### NEW QUESTION 196

- (Exam Topic 1)

In a firewall, which three decryption methods are valid? (Choose three )

- A. SSL Inbound Inspection
- B. SSL Outbound Proxyless Inspection
- C. SSL Inbound Proxy
- D. Decryption Mirror
- E. SSH Proxy

**Answer:** ADE

#### NEW QUESTION 200

- (Exam Topic 1)

An organization is building a Bootstrap Package to deploy Palo Alto Networks VM-Series firewalls into their AWS tenant Which two statements are correct regarding the bootstrap package contents? (Choose two )

- A. The /config /content and /software folders are mandatory while the /license and /plugin folders are optional
- B. The bootstrap package is stored on an AFS share or a discrete container file bucket
- C. The directory structure must include a /config /content, /software and /license folders
- D. The init-cfg txt and bootstrap.xml files are both optional configuration items for the /config folder
- E. The bootstrap xml file allows for automated deployment of VM-Senes firewalls with full network and policy configurations.

**Answer:** DE

#### NEW QUESTION 201

- (Exam Topic 1)

PBF can address which two scenarios? (Select Two)

- A. forwarding all traffic by using source port 78249 to a specific egress interface
- B. providing application connectivity the primary circuit fails
- C. enabling the firewall to bypass Layer 7 inspection
- D. routing FTP to a backup ISP link to save bandwidth on the primary ISP link

**Answer:** AC

#### NEW QUESTION 203

- (Exam Topic 1)

Place the steps in the WildFire process workflow in their correct order.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Timeline Description automatically generated

<https://docs.paloaltonetworks.com/wildfire/9-1/wildfire-admin/wildfire-overview/about-wildfire.html>

**NEW QUESTION 205**

- (Exam Topic 1)

Match each type of DoS attack to an example of that type of attack

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Plan to defend your network against different types of DoS attacks:

Application-Based Attacks

—Target weaknesses in a particular application and try to exhaust its resources so legitimate users can't use it. An example of this is the Slowloris attack.

Protocol-Based Attacks

—Also known as state-exhaustion attacks, these attacks target protocol weaknesses. A common example is a SYN flood attack.

Volumetric Attacks

—High-volume attacks that attempt to overwhelm the available network resources, especially bandwidth, and bring down the target to prevent legitimate users from accessing those resources. An example of this is a UDP flood attack.

<https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/zone-protection-and-dos-protection/zone-defense.ht>

**NEW QUESTION 210**

- (Exam Topic 1)

When overriding a template configuration locally on a firewall, what should you consider?

- A. Only Panorama can revert the override
- B. Panorama will lose visibility into the overridden configuration
- C. Panorama will update the template with the overridden value
- D. The firewall template will show that it is out of sync within Panorama

**Answer:** B

**NEW QUESTION 211**

- (Exam Topic 1)

Which User-ID mapping method should be used in a high-security environment where all IP address-to-user mappings should always be explicitly known?

- A. PAN-OS integrated User-ID agent

- B. LDAP Server Profile configuration
- C. GlobalProtect
- D. Windows-based User-ID agent

**Answer:** A

#### NEW QUESTION 216

- (Exam Topic 1)

An administrator needs to implement an NGFW between their DMZ and Core network EIGRP Routing between the two environments is required Which interface type would support this business requirement?

- A. Layer 3 interfaces but configuring EIGRP on the attached virtual router
- B. Virtual Wire interfaces to permit EIGRP routing to remain between the Core and DMZ
- C. Layer 3 or Aggregate Ethernet interfaces but configuring EIGRP on subinterfaces only
- D. Tunnel interfaces to terminate EIGRP routing on an IPsec tunnel {with the GlobalProtect License to support LSVPN and EIGRP protocols}

**Answer:** D

#### NEW QUESTION 221

- (Exam Topic 1)

A traffic log might list an application as "not-applicable" for which two reasons'? (Choose two )

- A. 0The firewall did not install the session
- B. The TCP connection terminated without identifying any application data
- C. The firewall dropped a TCP SYN packet
- D. There was not enough application data after the TCP connection was established

**Answer:** AD

#### NEW QUESTION 225

- (Exam Topic 1)

What are two characteristic types that can be defined for a variable? (Choose two )

- A. zone
- B. FQDN
- C. path group
- D. IP netmask

**Answer:** BD

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-web-interface-help/panorama-web-interface/panorama-tem>

#### NEW QUESTION 228

- (Exam Topic 1)

An engineer must configure the Decryption Broker feature

Which Decryption Broker security chain supports bi-directional traffic flow?

- A. Layer 2 security chain
- B. Layer 3 security chain
- C. Transparent Bridge security chain
- D. Transparent Proxy security chain

**Answer:** B

#### Explanation:

Together, the primary and secondary interfaces form a pair of decryption forwarding interfaces. Only interfaces that you have enabled to be Decrypt Forward interfaces are displayed here. Your security chain type (Layer 3 or Transparent Bridge) and the traffic flow direction (unidirectional or bidirectional) determine which of the two interfaces forwards allowed, clear text traffic to the security chain, and which interface receives the traffic back from the security chain after it has undergone additional enforcement.

#### NEW QUESTION 230

- (Exam Topic 1)

What are two common reasons to use a "No Decrypt" action to exclude traffic from SSL decryption? (Choose two.)

- A. the website matches a category that is not allowed for most users
- B. the website matches a high-risk category
- C. the web server requires mutual authentication
- D. the website matches a sensitive category

**Answer:** AD

#### NEW QUESTION 234

- (Exam Topic 1)

An administrator needs to troubleshoot a User-ID deployment The administrator believes that there is an issue related to LDAP authentication The administrator wants to create a packet capture on the management plane

Which CLI command should the administrator use to obtain the packet capture for validating the configuration^

- A. > ftp export mgmt-pcap from mgmt.pcap to <FTP host>
- B. > scp export mgmt-pcap from mgmt.pcap to {usernameQhost:path>
- C. > scp export pcap-mgmt from pcap.mgiat to (username@host:path)
- D. > scp export pcap from pcap to (usernameQhost:path)

**Answer:** C

#### NEW QUESTION 238

- (Exam Topic 1)

Which configuration task is best for reducing load on the management plane?

- A. Disable logging on the default deny rule
- B. Enable session logging at start
- C. Disable pre-defined reports
- D. Set the URL filtering action to send alerts

**Answer:** A

#### NEW QUESTION 239

- (Exam Topic 1)

As a best practice, which URL category should you target first for SSL decryption\*?

- A. Online Storage and Backup
- B. High Risk
- C. Health and Medicine
- D. Financial Services

**Answer:** A

#### NEW QUESTION 240

- (Exam Topic 1)

An administrator plans to deploy 15 firewalls to act as GlobalProtect gateways around the world Panorama will manage the firewalls

The firewalls will provide access to mobile users and act as edge locations to on-premises infrastructure The administrator wants to scale the configuration out quickly and wants all of the firewalls to use the same template configuration

Which two solutions can the administrator use to scale this configuration? (Choose two.)

- A. variables
- B. template stacks
- C. collector groups
- D. virtual systems

**Answer:** C

#### NEW QUESTION 244

- (Exam Topic 1)

When you import the configuration of an HA pair into Panorama, how do you prevent the import from affecting ongoing traffic?

- A. Disable HA
- B. Disable the HA2 link
- C. Disable config sync
- D. Set the passive link state to 'shutdown.

**Answer:** C

#### NEW QUESTION 247

- (Exam Topic 1)

An administrator wants to upgrade a firewall HA pair to PAN-OS 10.1 The firewalls are currently running PAN-OS 8.1.17.

Which upgrade path maintains synchronization of the HA session (and prevents network outage)?

- A. Upgrade directly to the target major version
- B. Upgrade one major version at a time
- C. Upgrade the HA pair to a base image
- D. Upgrade two major versions at a time

**Answer:** D

#### NEW QUESTION 251

- (Exam Topic 1)

An administrator has a PA-820 firewall with an active Threat Prevention subscription The administrator is considering adding a WildFire subscription

How does adding the WildFire subscription improve the security posture of the organization1?

- A. Protection against unknown malware can be provided in near real-time
- B. WildFire and Threat Prevention combine to provide the utmost security posture for the firewall
- C. After 24 hours WildFire signatures are included in the antivirus update
- D. WildFire and Threat Prevention combine to minimize the attack surface

**Answer:** D

#### NEW QUESTION 254

- (Exam Topic 1)

Given the following configuration, which route is used for destination 10.10.0.4?

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

**Answer:** A

#### NEW QUESTION 258

- (Exam Topic 1)

Which action disables Zero Touch Provisioning (ZTP) functionality on a ZTP firewall during the onboarding process?

- A. performing a local firewall commit
- B. removing the firewall as a managed device in Panorama
- C. performing a factory reset of the firewall
- D. removing the Panorama serial number from the ZTP service

**Answer:** D

#### NEW QUESTION 260

- (Exam Topic 1)

When you configure an active/active high availability pair which two links can you use? (Choose two)

- A. HA2 backup
- B. HA3
- C. Console Backup
- D. HSCI-C

**Answer:** AC

#### NEW QUESTION 264

- (Exam Topic 1)

An administrator has 750 firewalls. The administrator's central-management Panorama instance deploys dynamic updates to the firewalls. The administrator notices that the dynamic updates from Panorama do not appear on some of the firewalls. If Panorama pushes the configuration of a dynamic update schedule to managed firewalls, but the configuration does not appear, what is the root cause?

- A. Panorama has no connection to Palo Alto Networks update servers
- B. Panorama does not have valid licenses to push the dynamic updates
- C. No service route is configured on the firewalls to Palo Alto Networks update servers
- D. Locally-defined dynamic update settings take precedence over the settings that Panorama pushed

**Answer:** D

#### NEW QUESTION 267

- (Exam Topic 2)

Which two settings can be configured only locally on the firewall and not pushed from a Panorama template or template stack? (Choose two)

- A. HA1 IP Address
- B. Network Interface Type
- C. Master Key
- D. Zone Protection Profile

**Answer:** AC

#### Explanation:

<https://docs.paloaltonetworks.com/panorama/7-1/panorama-admin/manage-firewalls/template-capabilities-and-e>

#### NEW QUESTION 272

- (Exam Topic 2)

An administrator wants multiple web servers in the DMZ to receive connections initiated from the internet. Traffic destined for 206.15.22.9 port 80/TCP needs to be forwarded to the server at 10.1.1.22.

Based on the information shown in the image, which NAT rule will forward web-browsing traffic correctly? A)

B)

C)

D)

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

**Answer:** C

#### NEW QUESTION 276

- (Exam Topic 2)

For which two reasons would a firewall discard a packet as part of the packet flow sequence? (Choose two )

- A. equal-cost multipath
- B. ingress processing errors
- C. rule match with action "allow"
- D. rule match with action "deny"

**Answer:** BD

#### NEW QUESTION 277

- (Exam Topic 2)

Which tool provides an administrator the ability to see trends in traffic over periods of time, such as threats detected in the last 30 days?

- A. Session Browser
- B. Application Command Center
- C. TCP Dump
- D. Packet Capture

**Answer:** B

#### Explanation:

Reference:

<https://live.paloaltonetworks.com/t5/Management-Articles/Tips-and-Tricks-How-to-Use-the-Application-Command-Center-ACC/ta-p/67342>

#### NEW QUESTION 282

- (Exam Topic 2)

Which two actions would be part of an automatic solution that would block sites with untrusted certificates without enabling SSL Forward Proxy? (Choose two.)

- A. Create a no-decrypt Decryption Policy rule.
- B. Configure an EDL to pull IP addresses of known sites resolved from a CRL.
- C. Create a Dynamic Address Group for untrusted sites
- D. Create a Security Policy rule with vulnerability Security Profile attached.
- E. Enable the "Block sessions with untrusted issuers" setting.

**Answer:** DE

#### NEW QUESTION 283

- (Exam Topic 2)

An administrator encountered problems with inbound decryption. Which option should the administrator investigate as part of triage?

- A. Security policy rule allowing SSL to the target server
- B. Firewall connectivity to a CRL
- C. Root certificate imported into the firewall with "Trust" enabled
- D. Importation of a certificate from an HSM

**Answer:** A

**Explanation:**

<https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/decryption/configure-ssl-inbound-inspection.html>

**NEW QUESTION 286**

- (Exam Topic 2)

Which option describes the operation of the automatic commit recovery feature?

- A. It enables a firewall to revert to the previous configuration if rule shadowing is detected
- B. It enables a firewall to revert to the previous configuration if a commit causes Panorama connectivity failure.
- C. It enables a firewall to revert to the previous configuration if application dependency errors are found
- D. It enables a firewall to revert to the previous configuration if a commit causes HA partner connectivity failure

**Answer:** A

**NEW QUESTION 287**

- (Exam Topic 2)

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 (10.1.1.100.10.1.1.101), ssh, web-browsing –Allow
- B. Untrust (Any) to DMZ (1.1.1.100), web-browsing –Allow
- C. Untrust (Any) to Untrust (10.1.1.1), web-browsing –Allow
- D. Untrust (Any) to Untrust (10.1.1.1), SSH -Allow
- E. Untrust (Any) to DMZ (1.1.1.100), SSH –Allow

**Answer:** BE

**Explanation:**

<https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/networking/nat/nat-configuration-examples/destinat>

**NEW QUESTION 291**

- (Exam Topic 2)

Based on the image, what caused the commit warning?

- A. The CA certificate for FWDtrust has not been imported into the firewall.
- B. The FWDtrust certificate has not been flagged as Trusted Root CA.
- C. SSL Forward Proxy requires a public certificate to be imported into the firewall.
- D. The FWDtrust certificate does not have a certificate chain.

**Answer:** D

#### NEW QUESTION 295

- (Exam Topic 2)

A web server is hosted in the DMZ and the server is configured to listen for incoming connections on TCP port 443. A Security policies rules allowing access from the Trust zone to the DMZ zone needs to be configured to allow web-browsing access. The web server hosts its contents over HTTP(S). Traffic from Trust to DMZ is being decrypted with a Forward Proxy rule. Which combination of service and application, and order of Security policy rules, needs to be configured to allow cleartext web- browsing traffic to this server on tcp/443.

- A. Rule #1: application: web-browsing; service: application-default; action: allow Rule #2: application: ssl; service: application-default; action: allow
- B. Rule #1: application: web-browsing; service: service-https; action: allow Rule #2: application: ssl; service: application-default; action: allow
- C. Rule # 1: application: ssl; service: application-default; action: allow Rule #2: application: web-browsing; service: application-default; action: allow
- D. Rule #1: application: web-browsing; service: service-http; action: allow Rule #2: application: ssl; service: application-default; action: allow

**Answer:** B

#### Explanation:

<https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CIEyCAK>

#### NEW QUESTION 296

- (Exam Topic 2)

How can an administrator configure the NGFW to automatically quarantine a device using GlobalProtect?

- A. by adding the device's Host ID to a quarantine list and configure GlobalProtect to prevent users from connecting to the GlobalProtect gateway from a quarantined device
- B. by using security policies, log forwarding profiles, and log settings.
- C. by exporting the list of quarantined devices to a pdf or csv file by selecting PDF/CSV at the bottom of the Device Quarantine page and leveraging the appropriate XSOAR playbook
- D. There is no native auto-quarantine feature so a custom script would need to be leveraged.

**Answer:** A

#### NEW QUESTION 297

- (Exam Topic 2)

Which method does an administrator use to integrate all non-native MFA platforms in PAN-OS® software?

- A. Okta
- B. DUO
- C. RADIUS
- D. PingID

**Answer:** C

#### Explanation:

<https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/authentication/authentication-types/multi-factor-aut>

#### NEW QUESTION 299

- (Exam Topic 2)

Which Security policy rule will allow an admin to block facebook chat but allow Facebook in general?

- A. Deny application facebook-chat before allowing application facebook
- B. Deny application facebook on top
- C. Allow application facebook on top
- D. Allow application facebook before denying application facebook-chat

**Answer:** A

#### Explanation:

Reference:

<https://live.paloaltonetworks.com/t5/Configuration-Articles/Failed-to-Block-Facebook-Chat-Consistently/ta-p/1>

#### NEW QUESTION 300

- (Exam Topic 3)

Which three fields can be included in a pcap filter? (Choose three)

- A. Egress interface
- B. Source IP
- C. Rule number
- D. Destination IP
- E. Ingress interface

**Answer:**

BCD

**Explanation:**

(<https://live.paloaltonetworks.com/t5/Featured-Articles/Getting-Started-Packet-Capture/ta-p/72069>)

**NEW QUESTION 304**

- (Exam Topic 3)

Click the Exhibit button

An administrator has noticed a large increase in bittorrent activity. The administrator wants to determine where the traffic is going on the company. What would be the administrator's next step?

- A. Right-Click on the bittorrent link and select Value from the context menu
- B. Create a global filter for bittorrent traffic and then view Traffic logs.
- C. Create local filter for bittorrent traffic and then view Traffic logs.
- D. Click on the bittorrent application link to view network activity

**Answer: D**

**NEW QUESTION 308**

- (Exam Topic 3)

During the packet flow process, which two processes are performed in application identification? (Choose two.)

- A. pattern based application identification
- B. application changed from content inspection
- C. session application identified
- D. application override policy match

**Answer: AD**

**NEW QUESTION 311**

- (Exam Topic 3)

A network security engineer has been asked to analyze Wildfire activity. However, the Wildfire Submissions item is not visible from the Monitor tab. What could cause this condition?

- A. The firewall does not have an active WildFire subscription.
- B. The engineer's account does not have permission to view WildFire Submissions.
- C. A policy is blocking WildFire Submission traffic.
- D. Though WildFire is working, there are currently no WildFire Submissions log entries.

**Answer: B**

**NEW QUESTION 312**

- (Exam Topic 3)

A VPN connection is set up between Site-A and Site-B, but no traffic is passing in the system log of Site-A, there is an event logged as like-nego-p1-fail-psk. What action will bring the VPN up and allow traffic to start passing between the sites?

- A. Change the Site-B IKE Gateway profile version to match Site-A,
- B. Change the Site-A IKE Gateway profile exchange mode to aggressive mode.
- C. Enable NAT Traversal on the Site-A IKE Gateway profile.
- D. Change the pre-shared key of Site-B to match the pre-shared key of Site-A

**Answer: D**

**NEW QUESTION 317**

- (Exam Topic 3)

The web server is configured to listen for HTTP traffic on port 8080. The clients access the web server using the IP address 1.1.1.100 on TCP Port 80. The destination NAT rule is configured to translate both IP address and report to 10.1.1.100 on TCP Port 8080.

Which NAT and security rules must be configured on the firewall? (Choose two)

- A. A security policy with a source of any from untrust-I3 Zone to a destination of 10.1.1.100 in dmz-I3 zone using web-browsing application
- B. A NAT rule with a source of any from untrust-I3 zone to a destination of 10.1.1.100 in dmz-zone using service-http service.
- C. A NAT rule with a source of any from untrust-I3 zone to a destination of 1.1.1.100 in untrust-I3 zone using service-http service.
- D. A security policy with a source of any from untrust-I3 zone to a destination of 1.1.100 in dmz-I3 zone using web-browsing application.

**Answer: BD**

**NEW QUESTION 320**

- (Exam Topic 3)

Support for which authentication method was added in PAN-OS 8.0?

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

**Answer:** D

**Explanation:**

<https://www.paloaltonetworks.com/resources/datasheets/whats-new-in-pan-os-7-1>

**NEW QUESTION 324**

- (Exam Topic 3)

Which three options does the WF-500 appliance support for local analysis? (Choose three)

- A. E-mail links
- B. APK files
- C. jar files
- D. PNG files
- E. Portable Executable (PE) files

**Answer:** ACE

**NEW QUESTION 328**

- (Exam Topic 3)

A network Administrator needs to view the default action for a specific spyware signature. The administrator follows the tabs and menus through Objects> Security Profiles> Anti-Spyware and select default profile.

What should be done next?

- A. Click the simple-critical rule and then click the Action drop-down list.
- B. Click the Exceptions tab and then click show all signatures.
- C. View the default actions displayed in the Action column.
- D. Click the Rules tab and then look for rules with "default" in the Action column.

**Answer:** B

**NEW QUESTION 330**

- (Exam Topic 3)

Which authentication source requires the installation of Palo Alto Networks software, other than PAN-OS 7x, to obtain a username-to-IP-address mapping?

- A. Microsoft Active Directory
- B. Microsoft Terminal Services
- C. Aerohive Wireless Access Point
- D. Palo Alto Networks Captive Portal

**Answer:** B

**NEW QUESTION 333**

- (Exam Topic 3)

When is it necessary to activate a license when provisioning a new Palo Alto Networks firewall?

- A. When configuring Certificate Profiles
- B. When configuring GlobalProtect portal
- C. When configuring User Activity Reports
- D. When configuring Antivirus Dynamic Updates

**Answer:** D

**NEW QUESTION 334**

- (Exam Topic 3)

Which client software can be used to connect remote Linux client into a Palo Alto Networks Infrastructure without sacrificing the ability to scan traffic and protect against threats?

- A. X-Auth IPsec VPN
- B. GlobalProtect Apple IOS
- C. GlobalProtect SSL
- D. GlobalProtect Linux

**Answer:** A

**Explanation:**

( <http://blog.webernetz.net/2014/03/31/palo-alto-globalprotect-for-linux-with-vpnc/> )

**NEW QUESTION 336**

- (Exam Topic 3)

Which two interface types can be used when configuring GlobalProtect Portal?(Choose two)

- A. Virtual Wire
- B. Loopback
- C. Layer 3
- D. Tunnel

**Answer:** BC

#### NEW QUESTION 338

- (Exam Topic 3)

Site-A and Site-B have a site-to-site VPN set up between them. OSPF is configured to dynamically create the routes between the sites. The OSPF configuration in Site-A is configured properly, but the route for the tunnel is not being established. The Site-B interfaces in the graphic are using a broadcast Link Type. The administrator has determined that the OSPF configuration in Site-B is using the wrong Link Type for one of its interfaces.

Which Link Type setting will correct the error?

- A. Set tunnel
- B. 1 to p2p
- C. Set tunnel
- D. 1 to p2mp
- E. Set Ethernet 1/1 to p2mp
- F. Set Ethernet 1/1 to p2p

**Answer:** A

#### NEW QUESTION 340

- (Exam Topic 3)

A firewall administrator has been asked to configure a Palo Alto Networks NGFW to prevent against compromised hosts trying to phone-home or beacon out to external command-and-control (C2) servers.

Which security Profile type will prevent these behaviors?

- A. WildFire
- B. Anti-Spyware
- C. Vulnerability Protection
- D. Antivirus

**Answer:** D

#### NEW QUESTION 345

- (Exam Topic 3)

Which Panorama feature allows for logs generated by Panorama to be forwarded to an external Security Information and Event Management(SIEM) system?

- A. Panorama Log Settings
- B. Panorama Log Templates
- C. Panorama Device Group Log Forwarding
- D. Collector Log Forwarding for Collector Groups

**Answer:** A

#### Explanation:

[https://www.paloaltonetworks.com/documentation/61/panorama/panorama\\_adminguide/manage-log-collection/e](https://www.paloaltonetworks.com/documentation/61/panorama/panorama_adminguide/manage-log-collection/e)

#### NEW QUESTION 349

- (Exam Topic 3)

Which CLI command displays the current management plane memory utilization?

- A. > debug management-server show
- B. > show running resource-monitor
- C. > show system info
- D. > show system resources

**Answer:** D

#### Explanation:

<https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364> "The command show system resources gives a snapshot of Management Plane (MP) resource utilization including memory and CPU. This is similar to the 'top' command in Linux." <https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59>

#### NEW QUESTION 350

- (Exam Topic 3)

A company is upgrading its existing Palo Alto Networks firewall from version 7.0.1 to 7.0.4.

Which three methods can the firewall administrator use to install PAN-OS 8.0.4 across the enterprise?( Choose three)

- A. Download PAN-OS 8.0.4 files from the support site and install them on each firewall after manually uploading.
- B. Download PAN-OS 8.0.4 to a USB drive and the firewall will automatically update after the USB drive is inserted in the firewall.
- C. Push the PAN-OS 8.0.4 updates from the support site to install on each firewall.

- D. Push the PAN-OS 8.0.4 update from one firewall to all of the other remaining after updating one firewall.
- E. Download and install PAN-OS 8.0.4 directly on each firewall.
- F. Download and push PAN-OS 8.0.4 from Panorama to each firewall.

**Answer:** ACF

#### NEW QUESTION 355

- (Exam Topic 3)

A firewall administrator is troubleshooting problems with traffic passing through the Palo Alto Networks firewall. Which method shows the global counters associated with the traffic after configuring the appropriate packet filters?

- A. From the CLI, issue the show counter global filter pcap yes command.
- B. From the CLI, issue the show counter global filter packet-filter yes command.
- C. From the GUI, select show global counters under the monitor tab.
- D. From the CLI, issue the show counter interface command for the ingress interface.

**Answer:** B

#### NEW QUESTION 360

- (Exam Topic 3)

Which three rule types are available when defining policies in Panorama? (Choose three.)

- A. Pre Rules
- B. Post Rules
- C. Default Rules
- D. Stealth Rules
- E. Clean Up Rules

**Answer:** ABC

#### Explanation:

<https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/panorama-web-interface/defini>

#### NEW QUESTION 362

- (Exam Topic 3)

A company.com wants to enable Application Override. Given the following screenshot:

Which two statements are true if Source and Destination traffic match the Application Override policy? (Choose two)

- A. Traffic that matches "rtp-base" will bypass the App-ID and Content-ID engines.
- B. Traffic will be forced to operate over UDP Port 16384.
- C. Traffic utilizing UDP Port 16384 will now be identified as "rtp-base".
- D. Traffic utilizing UDP Port 16384 will bypass the App-ID and Content-ID engines.

**Answer:** AC

#### NEW QUESTION 365

- (Exam Topic 3)

Which two statements are correct for the out-of-box configuration for Palo Alto Networks NGFWs? (Choose two)

- A. The devices are pre-configured with a virtual wire pair out the first two interfaces.
- B. The devices are licensed and ready for deployment.
- C. The management interface has an IP address of 192.168.1.1 and allows SSH and HTTPS connections.
- D. A default bidirectional rule is configured that allows Untrust zone traffic to go to the Trust zone.
- E. The interface are pingable.

**Answer:** BC

#### NEW QUESTION 369

- (Exam Topic 3)

The IT department has received complaints about VoIP call jitter when the sales staff is making or receiving calls. QoS is enabled on all firewall interfaces, but there is no QoS policy written in the rulebase. The IT manager wants to find out what traffic is causing the jitter in real time when a user reports the jitter. Which feature can be used to identify, in real time, the applications taking up the most bandwidth?

- A. QoS Statistics
- B. Applications Report
- C. Application Command Center (ACC)
- D. QoS Log

**Answer:** A

#### NEW QUESTION 372

- (Exam Topic 3)

A network engineer has revived a report of problems reaching 98.139.183.24 through vr1 on the firewall. The routing table on this firewall is extensive and complex.

Which CLI command will help identify the issue?

- A. test routing fib virtual-router vr1
- B. show routing route type static destination 98.139.183.24
- C. test routing fib-lookup ip 98.139.183.24 virtual-router vr1
- D. show routing interface

**Answer:** C

#### NEW QUESTION 377

- (Exam Topic 3)

Only two Trust to Untrust allow rules have been created in the Security policy Rule1 allows google-base Rule2 allows youtube-base

The youtube-base App-ID depends on google-base to function. The google-base App-ID implicitly uses SSL and web-browsing. When user try to access <https://www.youtube.com> in a web browser, they get an error indecating that the server cannot be found. Which action will allow youtube.com display in the browser correctly?

- A. Add SSL App-ID to Rule1
- B. Create an additional Trust to Untrust Rule, add the web-browsing, and SSL App-ID's to it
- C. Add the DNS App-ID to Rule2
- D. Add the Web-browsing App-ID to Rule2

**Answer:** C

#### NEW QUESTION 380

- (Exam Topic 3)

Which three options are available when creating a security profile? (Choose three)

- A. Anti-Malware
- B. File Blocking
- C. Url Filtering
- D. IDS/ISP
- E. Threat Prevention
- F. Antivirus

**Answer:** ABF

#### NEW QUESTION 381

- (Exam Topic 3)

A network security engineer is asked to perform a Return Merchandise Authorization (RMA) on a firewall Which part of files needs to be imported back into the replacement firewall that is using Panorama?

- A. Device state and license files
- B. Configuration and serial number files
- C. Configuration and statistics files
- D. Configuration and Large Scale VPN (LSVPN) setups file

**Answer:** A

#### NEW QUESTION 385

- (Exam Topic 3)

A network design change requires an existing firewall to start accessing Palo Alto Updates from a data plane interface address instead of the management interface.

Which configuration setting needs to be modified?

- A. Service route
- B. Default route
- C. Management profile
- D. Authentication profile

**Answer:** A

#### NEW QUESTION 390

- (Exam Topic 3)

How does Panorama handle incoming logs when it reaches the maximum storage capacity?

- A. Panorama discards incoming logs when storage capacity full.
- B. Panorama stops accepting logs until licenses for additional storage space are applied
- C. Panorama stops accepting logs until a reboot to clean storage space.
- D. Panorama automatically deletes older logs to create space for new ones.

**Answer:** D

#### Explanation:

([https://www.paloaltonetworks.com/documentation/60/panorama/panorama\\_adminguide/set-up-panorama/deter](https://www.paloaltonetworks.com/documentation/60/panorama/panorama_adminguide/set-up-panorama/deter)

#### NEW QUESTION 392

- (Exam Topic 3)

What will be the source address in the ICMP packet?

- A. 10.30.0.93
- B. 10.46.72.93
- C. 10.46.64.94
- D. 192.168.93.1

**Answer:** C

#### NEW QUESTION 393

- (Exam Topic 3)

What are two prerequisites for configuring a pair of Palo Alto Networks firewalls in an active/passive High Availability (HA) pair? (Choose two.)

- A. The firewalls must have the same set of licenses.
- B. The management interfaces must be on the same network.
- C. The peer HA1 IP address must be the same on both firewalls.
- D. HA1 should be connected to HA1. Either directly or with an intermediate Layer 2 device.

**Answer:** AD

#### NEW QUESTION 394

- (Exam Topic 3)

What must be used in Security Policy Rule that contain addresses where NAT policy applies?

- A. Pre-NAT addresse and Pre-NAT zones
- B. Post-NAT addresse and Post-Nat zones
- C. Pre-NAT addresse and Post-Nat zones
- D. Post-Nat addresses and Pre-NAT zones

**Answer:** C

#### NEW QUESTION 397

- (Exam Topic 3)

A company has a policy that denies all applications it classifies as bad and permits only application it classifies as good. The firewall administrator created the following security policy on the company's firewall.

Which interface configuration will accept specific VLAN IDs?

Which two benefits are gained from having both rule 2 and rule 3 presents? (choose two)

- A. A report can be created that identifies unclassified traffic on the network.
- B. Different security profiles can be applied to traffic matching rules 2 and 3.
- C. Rule 2 and 3 apply to traffic on different ports.
- D. Separate Log Forwarding profiles can be applied to rules 2 and 3.

**Answer:** BD

#### NEW QUESTION 402

- (Exam Topic 3)

A network design calls for a "router on a stick" implementation with a PA-5060 performing inter-VLAN routing All VLAN-tagged traffic will be forwarded to the PA-5060 through a single dot1q trunk interface

Which interface type and configuration setting will support this design?

- A. Trunk interface type with specified tag
- B. Layer 3 interface type with specified tag
- C. Layer 2 interface type with a VLAN assigned
- D. Layer 3 subinterface type with specified tag

**Answer:** D

#### NEW QUESTION 407

- (Exam Topic 3)

A host attached to ethernet1/3 cannot access the internet. The default gateway is attached to ethernet1/4. After troubleshooting. It is determined that traffic cannot pass from the ethernet1/3 to ethernet1/4. What can be the cause of the problem?

- A. DHCP has been set to Auto.
- B. Interface ethernet1/3 is in Layer 2 mode and interface ethernet1/4 is in Layer 3 mode.
- C. Interface ethernet1/3 and ethernet1/4 are in Virtual Wire Mode.
- D. DNS has not been properly configured on the firewall

**Answer:** B

#### NEW QUESTION 412

- (Exam Topic 3)

A host attached to Ethernet 1/4 cannot ping the default gateway. The widget on the dashboard shows Ethernet 1/1 and Ethernet 1/4 to be green. The IP address of Ethernet 1/1 is 192.168.1.7 and the IP address of Ethernet 1/4 is 10.1.1.7. The default gateway is attached to Ethernet 1/1. A default route is properly configured. What can be the cause of this problem?

- A. No Zone has been configured on Ethernet 1/4.
- B. Interface Ethernet 1/1 is in Virtual Wire Mode.
- C. DNS has not been properly configured on the firewall.
- D. DNS has not been properly configured on the host.

**Answer:** A

#### NEW QUESTION 415

- (Exam Topic 3)

Several offices are connected with VPNs using static IPv4 routes. An administrator has been tasked with implementing OSPF to replace static routing. Which step is required to accomplish this goal?

- A. Assign an IP address on each tunnel interface at each site
- B. Enable OSPFv3 on each tunnel interface and use Area ID 0.0.0.0
- C. Assign OSPF Area ID 0.0.0.0 to all Ethernet and tunnel interfaces
- D. Create new VPN zones at each site to terminate each VPN connection

**Answer:** C

#### NEW QUESTION 419

- (Exam Topic 3)

What can missing SSL packets when performing a packet capture on dataplane interfaces?

- A. The packets are hardware offloaded to the offloaded processor on the dataplane
- B. The missing packets are offloaded to the management plane CPU
- C. The packets are not captured because they are encrypted
- D. There is a hardware problem with offloading FPGA on the management plane

**Answer:** A

#### NEW QUESTION 423

- (Exam Topic 3)

Which CLI command displays the current management plan memory utilization?

- A. > show system info
- B. > show system resources
- C. > debug management-server show
- D. > show running resource-monitor

**Answer:** B

#### Explanation:

<https://live.paloaltonetworks.com/t5/Management-Articles/Show-System-Resource-Command-Displays-CPU-U>

#### NEW QUESTION 426

- (Exam Topic 3)

Click the Exhibit button below,

A firewall has three PBF rules and a default route with a next hop of 172.20.10.1 that is configured in the default VR. A user named Will has a PC with a 192.168.10.10 IP address. He makes an HTTPS connection to 172.16.10.20. Which is the next hop IP address for the HTTPS traffic from Will's PC?

- A. 172.20.30.1
- B. 172.20.40.1
- C. 172.20.20.1
- D. 172.20.10.1

**Answer:** C

#### NEW QUESTION 428

- (Exam Topic 3)

A company has a web server behind a Palo Alto Networks next-generation firewall that it wants to make accessible to the public at 1.1.1.1. The company has decided to configure a destination NAT Policy rule.

Given the following zone information:

- DMZ zone: DMZ-L3
- Public zone: Untrust-L3
- Guest zone: Guest-L3
- Web server zone: Trust-L3
- Public IP address (Untrust-L3): 1.1.1.1
- Private IP address (Trust-L3): 192.168.1.50

What should be configured as the destination zone on the Original Packet tab of NAT Policy rule?

- A. Untrust-L3
- B. DMZ-L3
- C. Guest-L3
- D. Trust-L3

**Answer:** A

#### NEW QUESTION 429

- (Exam Topic 3)

An administrator is configuring an IPSec VPN to a Cisco ASA at the administrator's home and experiencing issues completing the connection. the following is the output from the command:

What could be the cause of this problem?

- A. The dead peer detection settings do not match between the Palo Alto Networks Firewall and the ASA.
- B. The Proxy IDs on the Palo Alto Networks Firewall do not match the setting on the ASA.
- C. The public IP addresses do not match for both the Palo Alto Networks Firewall and the ASA.
- D. The shared secrets do not match between the Palo Alto Networks Firewall and the ASA.

**Answer:** C

#### NEW QUESTION 433

- (Exam Topic 3)

People are having intermittent quality issues during a live meeting via web application.

- A. Use QoS profile to define QoS Classes
- B. Use QoS Classes to define QoS Profile
- C. Use QoS Profile to define QoS Classes and a QoS Policy
- D. Use QoS Classes to define QoS Profile and a QoS Policy

**Answer:** C

#### NEW QUESTION 438

- (Exam Topic 3)

Which interface configuration will accept specific VLAN IDs?

- A. Tab Mode
- B. Subinterface
- C. Access Interface
- D. Trunk Interface

**Answer:** B

#### NEW QUESTION 441

- (Exam Topic 3)

A logging infrastructure may need to handle more than 10,000 logs per second. Which two options support a dedicated log collector function? (Choose two)

- A. Panorama virtual appliance on ESX(i) only
- B. M-500
- C. M-100 with Panorama installed
- D. M-100

**Answer:** BC

#### Explanation:

(<https://live.paloaltonetworks.com/t5/Management-Articles/Panorama-Sizing-and-Design-Guide/ta-p/72181>)

#### NEW QUESTION 442

- (Exam Topic 3)

A distributed log collection deployment has dedicated log Collectors. A developer needs a device to send logs to Panorama instead of sending logs to the Collector Group.

What should be done first?

- A. Remove the cable from the management interface, reload the log Collector and then re-connect that cable
- B. Contact Palo Alto Networks Support team to enter kernel mode commands to allow adjustments
- C. remove the device from the Collector Group
- D. Revert to a previous configuration

**Answer:** C

#### NEW QUESTION 447

- (Exam Topic 3)

Which two mechanisms help prevent a split brain scenario an Active/Passive High Availability (HA) pair? (Choose two)

- A. Configure the management interface as HA3 Backup
- B. Configure Ethernet 1/1 as HA1 Backup
- C. Configure Ethernet 1/1 as HA2 Backup
- D. Configure the management interface as HA2 Backup
- E. Configure the management interface as HA1 Backup
- F. Configure ethernet1/1 as HA3 Backup

**Answer:** BE

#### NEW QUESTION 448

- (Exam Topic 3)

A company hosts a publicly accessible web server behind a Palo Alto Networks next-generation firewall with the following configuration information:

- \* Users outside the company are in the "Untrust-L3" zone.
- \* The web server physically resides in the "Trust-L3" zone.
- \* Web server public IP address: 23.54.6.10
- \* Web server private IP address: 192.168.1.10

Which two items must the NAT policy contain to allow users in the Untrust-L3 zone to access the web server? (Choose two.)

- A. Destination IP of 23.54.6.10
- B. UntrustL3 for both Source and Destination Zone
- C. Destination IP of 192.168.1.10
- D. UntrustL3 for Source Zone and Trust-L3 for Destination Zone

**Answer:** AB

#### NEW QUESTION 451

- (Exam Topic 3)

A Palo Alto Networks firewall is being targeted by an NTP Amplification attack and is being flooded with tens thousands of bogus UDP connections per second to a single destination IP address and port.

Which option when enabled with the correction threshold would mitigate this attack without dropping legitimate traffic to other hosts inside the network?

- A. Zone Protection Policy with UDP Flood Protection
- B. QoS Policy to throttle traffic below maximum limit
- C. Security Policy rule to deny traffic to the IP address and port that is under attack
- D. Classified DoS Protection Policy using destination IP only with a Protect action

**Answer:** D

#### NEW QUESTION 455

- (Exam Topic 3)

Which two virtualized environments support Active/Active High Availability (HA) in PAN-OS 8.0? (Choose two.)

- A. KVM
- B. VMware ESX
- C. VMware NSX
- D. AWS

**Answer:** AB

#### NEW QUESTION 456

- (Exam Topic 3)

A network administrator uses Panorama to push security policies to managed firewalls at branch offices. Which policy type should be configured on Panorama if the administrators at the branch office sites to override these products?

- A. Pre Rules
- B. Post Rules
- C. Explicit Rules
- D. Implicit Rules

**Answer:** A

#### NEW QUESTION 458

- (Exam Topic 3)

Palo Alto Networks maintains a dynamic database of malicious domains.

Which two Security Platform components use this database to prevent threats? (Choose two)

- A. Brute-force signatures
- B. BrightCloud URL Filtering
- C. PAN-DB URL Filtering
- D. DNS-based command-and-control signatures

**Answer:** CD

#### NEW QUESTION 462

- (Exam Topic 3)

Which Security Policy Rule configuration option disables antivirus and anti-spyware scanning of server-to-client flows only?

- A. Disable Server Response Inspection
- B. Apply an Application Override
- C. Disable HIP Profile
- D. Add server IP Security Policy exception

**Answer:** A

**NEW QUESTION 465**

.....

## Relate Links

**100% Pass Your PCNSE Exam with ExamBible Prep Materials**

<https://www.exambible.com/PCNSE-exam/>

## Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - <https://www.exambible.com/>