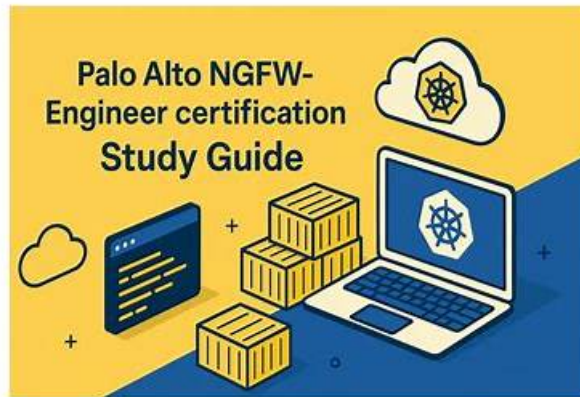


# Palo Alto Networks Latest NGFW-Engineer Study Notes & Exams-boost - Leader in Qualification Exams

## Palo Alto NGFW-Engineer Certification Study Guide

### Palo Alto NGFW-Engineer Certification Exam Details

Palo Alto NGFW-Engineer certifications are globally accepted and add significant value to any IT professional. The certification gives you a profound understanding of all the workings of the network models and the devices that are utilized with it. NWExam.com is proud to provide you with the best Palo Alto Exam Guides.



The [Palo Alto NGFW-Engineer](#) Exam is challenging, and thorough preparation is essential for success. This cert guide is designed to help you prepare for the NGFW-Engineer certification exam. It contains a detailed list of the topics covered on the Professional exam. These guidelines for the Next-Generation Firewall Engineer will help guide you through the study process for your certification.

To obtain Next-Generation Firewall Engineer certification, you are required to pass [Next-Generation Firewall Engineer](#) exam. This exam is created keeping in mind the

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As the old saying tells that, he who doesn't go advance will lose his ground. So you will have a positive outlook on life. All in all, abandon all illusions and face up to reality bravely. Our NGFW-Engineer practice exam will be your best assistant to get the NGFW-Engineer Certification. And our NGFW-Engineer study materials are always considered the guarantee to pass the exam. You are the best and unique in the world. Just be confident to face new challenge!

## Palo Alto Networks NGFW-Engineer Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>• PAN-OS Networking Configuration: This section of the exam measures the skills of Network Engineers in configuring networking components within PAN-OS. It covers interface setup across Layer 2, Layer 3, virtual wire, tunnel interfaces, and aggregate Ethernet configurations. Additionally, it includes zone creation, high availability configurations (active and active</li> <li>• active and active</li> <li>• passive), routing protocols, and GlobalProtect setup for portals, gateways, authentication, and tunneling. The section also addresses IPSec, quantum-resistant cryptography, and GRE tunnels.</li> </ul>

Topic 2	<ul style="list-style-type: none"> <li>• <b>Integration and Automation:</b> This section measures the skills of Automation Engineers in deploying and managing Palo Alto Networks NGFWs across various environments. It includes the installation of PA-Series, VM-Series, CN-Series, and Cloud NGFWs. The use of APIs for automation, integration with third-party services like Kubernetes and Terraform, centralized management with Panorama templates and device groups, as well as building custom dashboards and reports in Application Command Center (ACC) are key topics.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• <b>PAN-OS Device Setting Configuration:</b> This section evaluates the expertise of System Administrators in configuring device settings on PAN-OS. It includes implementing authentication roles and profiles, and configuring virtual systems with interfaces, zones, routers, and inter-VSYS security. Logging mechanisms such as Strata Logging Service and log forwarding are covered alongside software updates and certificate management for PKI integration and decryption. The section also focuses on configuring Cloud Identity Engine User-ID features and web proxy settings.</li> </ul>

>> Latest NGFW-Engineer Study Notes <<

## High-quality Latest NGFW-Engineer Study Notes – Authoritative Latest Exam Duration Providers for NGFW-Engineer: Palo Alto Networks Next-Generation Firewall Engineer

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### Palo Alto Networks Next-Generation Firewall Engineer Sample Questions (Q15-Q20):

#### NEW QUESTION # 15

An administrator plans to upgrade a pair of active/passive firewalls to a new PAN-OS release. The environment is highly sensitive, and downtime must be minimized.

What is the recommended upgrade process for minimal disruption in this high availability (HA) scenario?

- A. Push the new PAN-OS version simultaneously to both firewalls, having them upgrade and reboot in parallel. Rely on automated HA reconvergence to restore normal operations without manually failing over traffic.
- B. Isolate both firewalls from the production environment and upgrade them in a separate, offline setup. Reconnect them only after validating the new software version, resuming HA functionality once both units are fully upgraded and tested.
- **C. Suspend the active firewall to trigger a failover to the passive firewall. With traffic now running on the former passive unit, upgrade the suspended (now passive) firewall and confirm proper operation. Then fail traffic back and upgrade the remaining firewall.**
- D. Shut down the currently active firewall and upgrade it offline, allowing the passive firewall to handle all traffic. Once the active firewall finishes upgrading, bring it back online and rejoin the HA cluster. Finally, upgrade the passive firewall while the newly upgraded unit remains active.

**Answer: C**

Explanation:

In an active/passive HA setup, the recommended process for upgrading involves minimizing downtime and ensuring traffic continuity by using the failover process:

Suspend the active firewall: This triggers a failover to the passive unit, making it the active unit.

Upgrade the former passive (now active) unit: With traffic now running on the previously passive unit, upgrade the suspended unit while the active unit continues handling traffic.

Confirm proper operation: Once the upgrade is complete, verify that the upgraded unit is functioning properly.

Fail traffic back: Once the upgraded firewall is confirmed to be working, fail the traffic back to the original active unit and upgrade the remaining firewall.

### NEW QUESTION # 16

For which two purposes is an IP address configured on a tunnel interface? (Choose two.)

- A. Use of peer IP
- B. Use of dynamic routing protocols
- C. Redistribution of User-ID
- D. Tunnel monitoring

**Answer: B,D**

Explanation:

Use of dynamic routing protocols: An IP address is needed on the tunnel interface to participate in dynamic routing protocols (like OSPF, BGP, etc.) over the tunnel. This allows the firewall to advertise routes and receive updates over the tunnel.

Tunnel monitoring: The IP address on the tunnel interface can also be used for monitoring the tunnel's status. Tunnel monitoring (such as IPSec tunnel monitoring) requires an IP address on the tunnel interface to check the health and availability of the tunnel.

### NEW QUESTION # 17

A Palo Alto Networks firewall has the following interfaces configured:

- ethernet1/1 (Layer 3)
- ethernet1/2 (TAP)
- ethernet1/3 (Layer 2)
- ethernet1/4 (virtual wire)

An administrator needs to create a link group to monitor upstream connectivity for high availability (HA) failover.

Which set of interfaces can be added to the link group?

- A. ethernet1/2, ethernet1/3, ethernet1/4
- B. ethernet1/1, ethernet1/2, ethernet1/4
- C. ethernet1/1, ethernet1/2, ethernet1/3
- D. ethernet1/1, ethernet1/3, ethernet1/4

**Answer: D**

Explanation:

A link group for HA link monitoring is built from data-plane interfaces that represent forwarding links, which includes Layer 3, Layer 2, and virtual wire interfaces, while TAP interfaces are excluded because they are receive-only and do not provide a meaningful link state for upstream connectivity monitoring.

### NEW QUESTION # 18

Which protocol and port number are used by default for IKE Phase 1 negotiations in an IPSec VPN?

- A. UDP 4500
- B. TCP 22
- C. TCP 443
- D. UDP 500

**Answer: D**

### NEW QUESTION # 19

What is a valid configurable limit for setting resource quotas when defining a new VSYS on a Palo Alto Networks firewall?

- A. Percentage of total CPU utilization
- B. Disk space allocation for logs
- C. Maximum number of virtual routers
- D. Maximum number of SSL decryption rules

**Answer: D**

#### Explanation:

When configuring a Multi-VSYS environment on a Palo Alto Networks firewall, the administrator can manage and restrict the consumption of hardware resources by individual virtual systems using Resource Quotas. This is a critical architectural step to prevent a single VSYS (tenant) from exhausting the firewall's capacity, which could impact other virtual systems on the same physical chassis.

On the Resource tab within the Virtual System configuration (found under Device > Virtual Systems), administrators can set specific limits for various policy types and session counts. Valid configurable limits include:

\* Sessions Limit (to control the total number of concurrent sessions per dataplane).

\* Security Rules, NAT Rules, and Decryption Rules.

\* DoS Protection, QoS, and Application Override rules.

\* VPN Tunnel limits (Site-to-Site and Concurrent SSL VPN tunnels).

Option B is correct because Decryption Rules are specifically listed as a configurable quota. It is important to note that the firewall does not support limiting CPU utilization (Option A) or Memory on a per-VSYS basis; these resources are dynamically shared based on traffic demand. While you can assign a Virtual Router (Option C) to a VSYS, it is not treated as a "quota" that you limit by quantity in the resource settings.

Similarly, Disk space allocation (Option D) is typically managed at the log database level for the entire device or directed to external collectors, rather than being partitioned as a VSYS resource quota.

#### NEW QUESTION # 20

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The most attractive thing about a learning platform is not the size of his question bank, nor the amount of learning resources, but more importantly, it is necessary to have a good control over the annual propositional trend. The NGFW-Engineer quiz guide through research and analysis of the annual questions, found that there are a lot of hidden rules are worth exploring, plus we have a powerful team of experts, so the rule can be summed up and use. The NGFW-Engineer prepare torrent can be based on the analysis of the annual questions, it is concluded that a series of important conclusions related to the NGFW-Engineer qualification examination, combining with the relevant knowledge of recent years, then predict the direction which can determine this year's NGFW-Engineer exam. NGFW-Engineer test material will improve the ability to accurately forecast the topic and proposition trend this year.

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