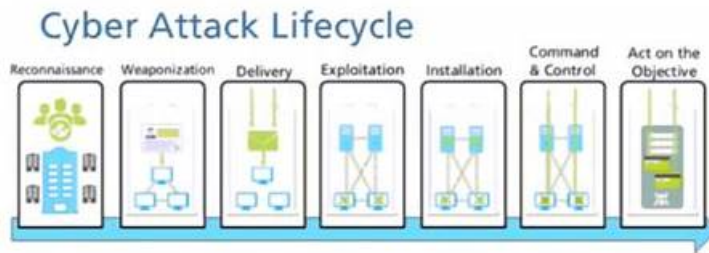


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In today's world, the Palo Alto Networks Network Security Analyst (NetSec-Analyst) certification exam has become increasingly popular, providing professionals with the opportunity to upskill and stay competitive in the tech industry. At Exams4Collection, we understand the importance of obtaining the Palo Alto Networks NetSec-Analyst Certification in the Palo Alto Networks sector, where technological advancements constantly evolving.

Palo Alto Networks NetSec-Analyst Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> Object Configuration Creation and Application: This section of the exam measures the skills of Network Security Analysts and covers the creation, configuration, and application of objects used across security environments. It focuses on building and applying various security profiles, decryption profiles, custom objects, external dynamic lists, and log forwarding profiles. Candidates are expected to understand how data security, IoT security, DoS protection, and SD-WAN profiles integrate into firewall operations. The objective of this domain is to ensure analysts can configure the foundational elements required to protect and optimize network security using Strata Cloud Manager.
Topic 2	<ul style="list-style-type: none"> Troubleshooting: This section of the exam measures the skills of Technical Support Analysts and covers the identification and resolution of configuration and operational issues. It includes troubleshooting misconfigurations, runtime errors, commit and push issues, device health concerns, and resource usage problems. This domain ensures candidates can analyze failures across management systems and on-device functions, enabling them to maintain a stable and reliable security infrastructure.

Topic 3	<ul style="list-style-type: none"> • Management and Operations: This section of the exam measures the skills of Security Operations Professionals and covers the use of centralized management tools to maintain and monitor firewall environments. It focuses on Strata Cloud Manager, folders, snippets, automations, variables, and logging services. Candidates are also tested on using Command Center, Activity Insights, Policy Optimizer, Log Viewer, and incident-handling tools to analyze security data and improve the organization overall security posture. The goal is to validate competence in managing day-to-day firewall operations and responding to alerts effectively.
Topic 4	<ul style="list-style-type: none"> • Policy Creation and Application: This section of the exam measures the abilities of Firewall Administrators and focuses on creating and applying different types of policies essential to secure and manage traffic. The domain includes security policies incorporating App-ID, User-ID, and Content-ID, as well as NAT, decryption, application override, and policy-based forwarding policies. It also covers SD-WAN routing and SLA policies that influence how traffic flows across distributed environments. The section ensures professionals can design and implement policy structures that support secure, efficient network operations.

Palo Alto Networks Network Security Analyst Sample Questions (Q69-Q74):

NEW QUESTION # 69

A user reports that they are being blocked from a website with a "Certificate Error." Which log will help the analyst determine if the firewall is blocking the session because the web server is using an expired certificate?

- A. Decryption Log
- B. Threat Log
- C. Traffic Log
- D. System Log

Answer: A

Explanation:

Comprehensive and Detailed 150 to 250 words of Explanation From Palo Alto Networks Network Security Analyst Knowledge: When a firewall is performing SSL/TLS decryption, it acts as a proxy for the encrypted connection. If the firewall encounters an issue with the destination server's certificate-such as an expiration, an untrusted issuer, or a mismatch-the Decryption Log is the specific resource for troubleshooting.

The Decryption Log provides detailed information about why a decrypted session was failed or blocked. It explicitly lists the "Error" or "Reason" for the failure, such as expired-certificate or untrusted-issuer. While the Traffic Log (Option A) might show a "deny" or "reset" action, it will not provide the specific certificate details. By checking the Decryption Log, the analyst can confirm if the issue is a security problem with the external site or if the firewall's decryption profile needs to be adjusted to allow the connection (e.g., if it is a trusted internal site with a self-signed certificate).

NEW QUESTION # 70

An organization wants to decrypt outbound traffic to ensure no malware is hidden in HTTPS sessions. Which type of decryption policy must be configured on the firewall to act as a "Man-in-the-Middle"?

- A. SSL Inbound Inspection
- B. SSH Proxy
- C. Decryption Broker
- D. SSL Forward Proxy

Answer: D

Explanation:

Comprehensive and Detailed 150 to 250 words of Explanation From Palo Alto Networks Network Security Analyst Knowledge: To inspect outbound traffic from internal users to external websites, the firewall must use SSL Forward Proxy. In this mode, the firewall acts as a transparent proxy. When a user attempts to connect to a secure site (like a cloud storage provider), the firewall intercepts the request, establishes its own secure connection to the destination, and then creates a separate secure connection back to the user.

This allows the firewall to decrypt the traffic, inspect it for threats (using Content-ID), and then re-encrypt it before sending it to the destination. This is distinct from SSL Inbound Inspection (Option A), which is used to protect internal servers from external users by

using the server's own private key. For a Network Security Analyst, implementing Forward Proxy is a critical objective to eliminate the "blind spot" created by encrypted traffic, which now accounts for the majority of all web communication.

NEW QUESTION # 71

Based on the graphic, what is the purpose of the SSL/TLS Service profile configuration option?

- A. It defines the CA certificate used to verify the client's browser.
- B. It defines the firewall's global SSL/TLS timeout values.
- C. It defines the certificate to send to the client's browser from the management interface.
- D. It defines the SSUTLS encryption strength used to protect the management interface.

Answer: C

NEW QUESTION # 72

Which two compliance frameworks are included with the Premium version of Strata Cloud Manager (SCM)? (Choose two)

- A. Health Insurance Portability and Accountability Act (HIPAA)
- B. Center for Internet Security (CIS)
- C. Payment Card Industry (PCI)
- D. National Institute of Standards and Technology (NIST)

Answer: C,D

Explanation:

Step 1: Understanding Strata Cloud Manager (SCM) Premium

Strata Cloud Manager is a unified management interface for Strata NGFWs, Prisma Access, and other Palo Alto Networks solutions. The Premium version (subscription-based) includes advanced features like:

* AIOps Premium: Predictive analytics, capacity planning, and compliance reporting

* Compliance Posture Management: Pre-built dashboards and reports for specific regulatory frameworks.

Compliance frameworks in SCM Premium provide visibility into adherence to standards like PCI DSS and NIST, generating actionable insights and audit-ready reports based on firewall configurations, logs, and traffic data.

Reference: Strata Cloud Manager Documentation

"SCM Premium delivers compliance reporting for industry standards, integrating with NGFW telemetry to ensure regulatory alignment." Step 2: Evaluating the Compliance Frameworks Option A: Payment Card Industry (PCI) Analysis: The Payment Card Industry Data Security Standard (PCI DSS) is a mandatory framework for organizations handling cardholder data. SCM Premium includes a PCI DSS Compliance Dashboard that maps NGFW configurations (e.g., security policies, decryption, Threat Prevention) to PCI DSS requirements (e.g., Requirement 1: Firewall protection, Requirement 6: Vulnerability protection). It tracks compliance with controls like network segmentation, encryption, and monitoring, critical for Strata NGFW deployments in payment environments.

Evidence: Palo Alto Networks emphasizes PCI DSS support in SCM Premium for retail, financial, and e-commerce customers, providing pre-configured reports for audits.

Conclusion: Included in SCM Premium.

Reference: Strata Cloud Manager Premium Features Overview

"PCI DSS compliance reporting ensures cardholder data protection with automated insights." Option B: National Institute of Standards and Technology (NIST) Analysis: NIST frameworks, notably the NIST Cybersecurity Framework (CSF) and NIST SP 800-53, are widely adopted for cybersecurity risk management, especially in government and critical infrastructure sectors. SCM Premium offers a NIST Compliance Dashboard, aligning NGFW settings (e.g., App-ID, User-ID, logging) with NIST controls (e.g., Identify, Protect, Detect, Respond, Recover). This is key for Strata customers needing federal compliance or a risk-based approach.

Evidence: Palo Alto Networks documentation highlights NIST CSF and 800-53 mapping in SCM Premium, reflecting its broad applicability.

Conclusion: Included in SCM Premium.

Reference: Strata Cloud Manager AIOps Premium Datasheet

"NIST compliance reporting supports risk management and regulatory adherence." Option C: Center for Internet Security (CIS)

Analysis: The CIS Controls and Benchmarks provide practical cybersecurity guidelines (e.g., CIS Controls v8, CIS Benchmarks for OS hardening). While Palo Alto Networks supports CIS principles (e.g., via Best Practice Assessments), SCM Premium documentation does not explicitly list a dedicated CIS Compliance Dashboard. CIS alignment is often manual or supplementary, not a pre-built feature like PCI or NIST.

Evidence: No direct evidence in SCM Premium feature sets confirms CIS as a standard inclusion; it's more commonly referenced in standalone tools like CIS-CAT or Expedition.

Conclusion: Not included in SCM Premium

Reference: PAN-OS Administrator's Guide (11.1) - Best Practices

"CIS alignment is supported but not a native SCM Premium framework."

Option D: Health Insurance Portability and Accountability Act (HIPAA)

Analysis: HIPAA governs protected health information (PHI) security in healthcare. While Strata NGFWs can enforce HIPAA-compliant policies (e.g., encryption, access control), SCM Premium does not feature a dedicated HIPAA Compliance Dashboard. HIPAA compliance is typically achieved through custom configurations and external audits, not a pre-configured SCM framework.

Evidence: Palo Alto Networks documentation lacks mention of HIPAA as a standard SCM Premium offering, unlike PCI and NIST.

Conclusion: Not included in SCM Premium

Reference: Strata Cloud Manager Documentation

"HIPAA compliance is supported via NGFW capabilities, not SCM Premium dashboards." Step 3: Why A and B Are Correct A (PCI): Directly addresses a common Strata NGFW use case (payment security) with a tailored dashboard, reflecting SCM Premium's focus on industry-specific compliance.

B (NIST): Provides a flexible, widely adopted framework for cybersecurity, integrated into SCM Premium for broad applicability across sectors.

Exclusion of C and D: CIS and HIPAA, while relevant to NGFW deployments, lack dedicated, pre-built compliance reporting in SCM Premium, making them supplementary rather than core inclusions.

Step 4: Verification Against SCM Premium Features

SCM Premium's compliance posture management explicitly lists PCI DSS and NIST (e.g., CSF, 800-53) as supported frameworks, leveraging NGFW telemetry (e.g., Monitor > Logs > Traffic) and AIOps analytics.

This aligns with Palo Alto Networks' focus on high-demand regulations as of PAN-OS 11.1 and SCM updates through March 08, 2025.

Reference: Strata Cloud Manager Release Notes (March 2025)

"Premium version includes PCI DSS and NIST compliance dashboards for automated reporting." Conclusion The two compliance frameworks included with the Premium version of Strata Cloud Manager are A.

Payment Card Industry (PCI) and B. National Institute of Standards and Technology (NIST). These are verified by SCM Premium's documented capabilities, ensuring Strata NGFW customers can meet regulatory requirements efficiently.

NEW QUESTION # 73

Which statement is true regarding a Prevention Posture Assessment?

- A. It performs over 200 security checks on Panorama/firewall for the assessment
- **B. It provides a set of questionnaires that help uncover security risk prevention gaps across all areas of network and security architecture**
- C. It provides a percentage of adoption for each assessment area
- D. The Security Policy Adoption Heatmap component filters the information by device groups, serial numbers, zones, areas of architecture, and other categories




Answer: B

NEW QUESTION # 74

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