Vendor: Palo Alto Networks

Exam Code: PSE-SWFW-Pro-24

Exam Name: Palo Alto Networks Systems Engineer Professional - Software Firewall

Version: DEMO

QUESTION 1
A partner has successfully showcased and validated the efficacy of the Palo Alto Networks software firewall to a customer.
Which two additional partner-delivered or Palo Alto Networks-delivered common options can the sales team offer to the customer before the sale is completed? (Choose two.)

A. Hardware collection and recycling services by Palo Alto Networks or by an approved NextWave Partner for the customer's existing firewall infrastructure
B. Professional services delivered by Palo Alto Networks or by an approved Certified Professional Services Partner (CPSP) for deployment assistance or QuickStart
C. Network encryption services (NES) delivered by an approved NES partner to ensure none of the data traversed is readable by third-party entities
D. Managed services delivered by an approved Managed Security Services Program (MSSP) partner for day-to-day management of the environment

Answer: BD
Explanation:
After a successful software firewall demonstration, the sales team can offer additional services to facilitate the customer's adoption and ongoing management:
Option B: This is a common and valuable offering. Professional services can help customers with initial deployment, configuration, and knowledge transfer, ensuring a smooth transition and maximizing the value of the firewall. QuickStart packages are a specific type of professional service designed for rapid deployment.
Option D: Offering managed services is a common pre-sales option. MSSPs can handle ongoing monitoring, management, and maintenance of the firewall, allowing the customer to focus on their core business.

QUESTION 2
Which three resources can help conduct planning and implementation of Palo Alto Networks NGFW solutions? (Choose three.)

A. Technical assistance center (TAC)
B. Partners / systems Integrators
C. Professional services
D. Proof of Concept Labs
E. QuickStart services

Answer: BCE
Explanation:
Option B: Partners and system integrators play a crucial role in planning and implementation. They possess expertise in network design, security best practices, and Palo Alto Networks products, enabling them to design and deploy solutions tailored to customer needs.
Option C: Palo Alto Networks professional services offer expert assistance with all phases of the project, from planning and design to implementation and knowledge transfer. They can provide specialized skills and best-practice guidance.
Option E: QuickStart packages are a type of professional service specifically designed for rapid deployment. They provide a structured approach to implementation, accelerating the time to value.

QUESTION 3
A company wants to make its flexible-license VM-Series firewall, which runs on ESXi, process higher throughput.

Which order of steps should be followed to minimize downtime?

A. Increase the vCPU within the deployment profile.
Retrieve or fetch license keys on the VM-Series NGFW.
Power-off the VM and increase the vCPUs within the hypervisor.
Power-on the VM-Series NGFW.
Confirm the correct tier level and vCPU appear on the NGFW dashboard.
B. Power-off the VM and increase the vCPUs within the hypervisor.
Power-on the VM-Series NGFW.
Retrieve or fetch license keys on the VM-Series NGFW.
Increase the vCPU within the deployment profile.
Confirm the correct tier level and vCPU appear on the NGFW dashboard.
C. Power-off the VM and increase the vCPUs within the hypervisor.
Increase the vCPU within the deployment profile.
Retrieve or fetch license keys on the VM-Series NGFW.
Confirm the correct tier level and vCPU appear on the NGFW dashboard.
Power-on the VM-Series NGFW.
D. Increase the vCPU within the deployment profile.
Retrieve or fetch license keys on the VM-Series NGFW.
Confirm the correct tier level and vCPU appear on the NGFW dashboard.
Power-off the VM and increase the vCPUs within the hypervisor.
Power-on the VM-Series NGFW.

Answer: A
Explanation:
To minimize downtime when increasing throughput on a flexible-license VM-Series firewall running on ESXi, the following steps should be taken:
Increase the vCPU within the deployment profile: This is the first step. By increasing the vCPU allocation in the licensing profile, you prepare the license system for the change. This does not require a VM reboot.
Retrieve or fetch license keys on the VM-Series NGFW: After adjusting the licensing profile, the firewall needs to retrieve the updated license information to reflect the new vCPU allocation. This can be done via the web UI or CLI and usually does not require a reboot. Power-off the VM and increase the vCPUs within the hypervisor: Now that the license is prepared, the VM can be powered off, and the vCPUs can be increased within the ESXi hypervisor settings.
Power-on the VM-Series NGFW: After increasing the vCPUs in the hypervisor, power on the VM. The firewall will now use the allocated resources and the updated license.
Confirm the correct tier level and vCPU appear on the NGFW dashboard: Finally, verify in the firewall's web UI or CLI that the correct license tier and vCPU count are reflected. This order minimizes downtime because the licensing changes are handled before the VM is rebooted.

QUESTION 4
A Cloud NGFW for Azure can be deployed to which two environments? (Choose two.)

A. Azure Kubernetes Service (AKS)
B. Azure Virtual WAN
C. Azure DevOps
D. Azure VNET

Answer: BD
Explanation:
Azure Virtual WAN: Cloud NGFW can be deployed to secure traffic flowing through Azure Virtual WAN hubs. This allows for centralized security inspection of traffic between on-premises

networks, branch offices, and Azure virtual networks.
Azure VNET: Cloud NGFW can be deployed to secure traffic within and between Azure Virtual Networks (VNETs). This is its primary use case, providing advanced threat prevention and network security for Azure workloads.

QUESTION 5
Which three statements describe benefits of Palo Alto Networks Cloud-Delivered Security Services (CDSS) over other vendor solutions? (Choose three.)

A. Individually targeted products provide better security than platform solutions.
B. Multi-vendor best-of-breed products provide security coverage on a per-use-case basis.
C. It requires no additional performance overhead when enabling additional features.
D. It provides simplified management through fewer consoles for more effective security coverage.
E. It significantly reduces the total cost of ownership for the customer.

Answer: CDE
Explanation:
Option C: This is a key advantage of CDSS. Because the services are cloud-delivered and integrated into the platform, enabling additional security functions typically does not introduce significant performance overhead on the firewall itself.
Option D: CDSS is managed through Panorama or Strata Cloud Manager, providing a single pane of glass for managing multiple security functions. This simplifies management compared to managing separate consoles for different security products.
Option E: By consolidating security functions into a single platform and reducing management overhead, CDSS can help reduce the total cost of ownership compared to deploying and managing separate point solutions.

QUESTION 6
A company is sponsoring a cybersecurity conference for attendees interested in a range of cybersecurity products that include malware protection, SASE, automation products, and firewalls. The company will deliver a single 3? hour conference workshop. Which cybersecurity portfolio tool will give workshop attendees the appropriate exposure to the widest variety of Palo Alto Networks products?

A. Capture the Flag
B. Ultimate Lab Environment
C. Demo Environment
D. Ultimate Test Drive

Answer: B
Explanation:
Ultimate Lab Environment: This environment is designed to provide hands-on experience with various Palo Alto Networks products and solutions, including firewalls, Prisma Access (SASE), Cortex (automation), and more. It's ideal for demonstrating the integrated platform and diverse capabilities.

QUESTION 7
Which three tools or methods automate VM-Series firewall deployment? (Choose three.)

A. Panorama Software Firewall License plugin

B. Palo Alto Networks GitHub repository
C. Bootstrap the VM-Series firewall
D. Shared Disk Software Library folder
E. Panorama Software Library image

Answer: BCE
Explanation:
Palo Alto Networks GitHub repository: Palo Alto Networks maintains repositories on GitHub containing Terraform modules, Ansible playbooks, and other automation tools for deploying VM-Series firewalls in various cloud and on-premises environments.
Bootstrap the VM-Series firewall: Bootstrapping allows for automated initial configuration of the VM-Series firewall using a configuration file stored on a cloud storage service (like S3 or Azure Blob Storage). This automates initial setup tasks like setting the management IP and retrieving licenses.
Panorama Software Library image: While Panorama doesn't directly deploy the VM-Series instance, using a pre-configured Software Library image within Panorama can automate much of the post-deployment configuration and management, effectively streamlining the overall deployment process.

QUESTION 8
Why should a customer use advanced versions of Cloud-Delivered Security Services (CDSS) subscriptions compared to legacy versions when creating or editing a deployment profile? (e.g., using Advanced Threat Prevention instead of Threat Prevention.)

A. To improve firewall throughput by inspecting hashes of advanced packet headers
B. To download and install new threat-related signature databases in real-time
C. To use cloud-scale machine learning inline for detection of highly evasive and zero-day threats
D. To use external dynamic lists for blocking known malicious threat sources and destinations

Answer: C
Explanation:
This is a key differentiator of advanced CDSS. It leverages cloud-based machine learning to detect sophisticated threats that traditional signature-based methods might miss.

QUESTION 9
Which three statements describe the functionality of a Dynamic Address Group in Security policy? (Choose three.)

A. Its update requires "Commit" to enforce membership mapping.
B. It allows creation and enforcement of consistent Security policy across multiple cloud environments.
C. Tags cannot be defined statically on the firewall.
D. It uses tags as filtering criteria to determine IP address mapping to a group.
E. Its maximum number of registered IP addresses is dependent on the firewall platform.

Answer: BDE
Explanation:
Option B: This is a key benefit. Tags and Dynamic Address Groups can be used to create consistent security policies across different cloud environments, simplifying multi-cloud management.
Option D: This is the core functionality of Dynamic Address Groups. They use tags to dynamically

determine which IP addresses should be included in the group.
Option E: The capacity of Dynamic Address Groups is limited by the hardware/virtual resource capacity of the firewall.

QUESTION 10
A systems engineer (SE) is informed by the primary contact at a bank of an unused balance of 15,000 software NGFW flexible credits the bank does not want to lose when they expire in 1.5 years. The SE is told that the bank's new risk and compliance officer is concerned that its operation is too permissive when allowing its servers to send traffic to SaaS vendors. Currently, its AWS and Azure VM-Series firewalls only use Advanced Threat Prevention. What should the SE recommend to address the customer's concerns?

A. Activate Advanced WildFire within the software NGFW deployment profiles, starting with the largest vCPU models and working down to the smallest to protect their biggest workloads.
B. Subscribe to DNS Security, Advanced URL Filtering, and Advanced WildFire across all software NGFW deployment profiles until all the credits are used.
C. Verify conformance to standards and regulations, the risk of failure, and the criticality of each workload to be protected, then determine which deployment profile subscriptions address the needs.
D. Activate Advanced WildFire within the software NGFW deployment profiles, starting with the smallest vCPU models and working up to the largest to provide coverage for more VPCs and VNets with their current credit balance.

Answer: C
Explanation:
Verifying conformance to standards and regulations, assessing risk and criticality of workloads, and then aligning subscriptions to those needs is the most responsible and effective approach. This ensures the customer invests in the right security capabilities that address their specific concerns and compliance requirements, maximizing the value of their credits. This aligns with Palo Alto Networks best practices for security deployments, which emphasize a risk-based approach.

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