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QUESTION 1

Which software firewall would assist a prospect who is interested in securing extensive DevOps deployments?

- A. CN-Series
- B. Ion-Series
- C. Cloud next-generation firewall
- D. VM-Series

Correct Answer: D

Explanation: VM-Series firewall is the software firewall that would assist a prospect who is interested in securing extensive DevOps deployments. DevOps is a set of practices that combines software development and IT operations to deliver software products faster and more reliably. DevOps deployments require network security that can protect the traffic between different stages of the software development lifecycle, such as development, testing, staging, and production, as well as between different cloud or virtualization platforms, such as public clouds, private clouds, or on-premises data centers. VM-Series firewall is a virtualized version of the Palo Alto Networks next-generation firewall that can be deployed on various cloud or virtualization platforms. VM-Series firewall can assist a prospect who is interested in securing extensive DevOps deployments by providing comprehensive security and visibility across hybrid and multi-cloud environments, protecting applications and data from cyberattacks, and supporting automation and orchestration tools that simplify and accelerate the deployment and configuration of firewalls across different platforms. CN-Series, Ion-Series, and Cloud next-generation firewall are not software firewalls that would assist a prospect who is interested in securing extensive DevOps deployments, but they are related solutions that can be deployed on specific platforms or environments. References: Palo Alto Networks Certified Software Firewall Engineer (PCSFE), [VM-Series Datasheet], [VM-Series Deployment Guide], [What is DevOps?]

QUESTION 2

Which feature provides real-time analysis using machine learning (ML) to defend against new and unknown threats?

- A. Advanced URL Filtering (AURLF)
- B. Cortex Data Lake
- C. DNS Security
- D. Panorama VM-Series plugin

Correct Answer: C

Explanation: DNS Security is the feature that provides real-time analysis using machine learning (ML) to defend against new and unknown threats. DNS Security leverages a cloud-based service that applies predictive analytics, advanced ML, and automation to block malicious domains and stop attacks in progress. Advanced URL Filtering (AURLF), Cortex Data Lake, and Panorama VM-Series plugin are not features that provide real-time analysis using ML, but they are related solutions that can enhance security and visibility. References: Palo Alto Networks Certified Software Firewall Engineer (PCSFE), [DNS Security Datasheet], [Advanced URL Filtering Datasheet], [Cortex Data Lake Datasheet], [Panorama VM-Series Plugin]



QUESTION 3

Regarding network segmentation, which two steps are involved in the configuration of a default route to an internet router? (Choose two.)

- A. Select the Static Routes tab, then click Add.
- B. Select Network > Interfaces.
- C. Select the Config tab. then select New Route from the Security Zone Route drop-down menu.
- D. Select Network > Virtual Router, then select the default link to open the Virtual Router dialog.

Correct Answer: AD

Explanation: To configure a default route to an internet router, you need to select Network > Virtual Router, then select the default link to open the Virtual Router dialog. Then, select the Static Routes tab, then click Add. You can then specify the destination as 0.0.0.0/0 and the next hop as the IP address of the internet router1. References: Palo Alto Networks Certified Software Firewall Engineer (PCSFE)

QUESTION 4

Which two public cloud platforms does the VM-Series plugin support? (Choose two.)

- A. Azure
- B. IBM Cloud
- C. Amazon Web Services
- D. IOCI

Correct Answer: AC

Explanation: The two public cloud platforms that the VM-Series plugin supports are: Azure Amazon Web Services (AWS) A public cloud platform is a cloud computing service that provides infrastructure as a service (IaaS), platform as a service (PaaS), or software as a service (SaaS) to customers over the internet. A public cloud platform requires network security that can protect the traffic between different cloud services or regions from cyberattacks and enforce granular security policies based on application, user, content, and threat information. VM-Series firewall is a virtualized version of the Palo Alto Networks next-generation firewall that can be deployed on various cloud or virtualization platforms. VM-Series plugin is a software component that extends the functionality of the VM-Series firewall and Panorama to support specific features and capabilities of different cloud platforms. Azure and AWS are two public cloud platforms that the VM-Series plugin supports. Azure is a public cloud platform that provides a range of cloud services, such as compute, storage, networking, databases, analytics, artificial intelligence, and more. AWS is a public cloud platform that provides a range of cloud services, such as EC2, S3, VPC, Lambda, and more. The VM-Series plugin supports Azure and AWS by enabling features such as bootstrapping, dynamic address groups, scaling, load balancing, high availability, monitoring, logging, and automation for VM-Series firewalls and Panorama on these platforms. IBM Cloud and OCI are not public cloud platforms that the VM-Series plugin supports, but they are related platforms that can be used for other purposes. References: [Palo Alto Networks Certified Software Firewall Engineer (PCSFE)], [VM-Series Plugin Overview], [VM-Series Plugin for Azure], [VM-Series Plugin for AWS], [What is Azure?], [What is AWS?]

QUESTION 5



Where do CN-Series devices obtain a VM-Series authorization key?

- A. Panorama
- B. Local installation
- C. GitHub
- D. Customer Support Portal

Correct Answer: A

Explanation: CN-Series devices obtain a VM-Series authorization key from Panorama. Panorama is a centralized management server that provides visibility and control over multiple Palo Alto Networks firewalls and devices. A VM-Series authorization key is a license key that activates the VM-Series firewall features and capacities. CN-Series devices obtain a VM-Series authorization key from Panorama by registering with Panorama using their CPU ID and requesting an authorization code from Panorama's license pool. Panorama then generates an authorization key for the CN-Series device and sends it back to the device for activation. CN-Series devices do not obtain a VM-Series authorization key from local installation, GitHub, or Customer Support Portal, as those are not valid or relevant sources for license management. References: Palo Alto Networks Certified Software Firewall Engineer (PCSFE), [Panorama Overview], [VM-Series Licensing Overview], [CN-Series Licensing]

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