

Juniper

Exam Questions JN0-231

Security - Associate (JNCIA-SEC)



NEW QUESTION 1

Which two statements are correct about functional zones? (Choose two.)

- A. Functional zones must have a user-defined name.
- B. Functional zone cannot be referenced in security policies or pass transit traffic.
- C. Multiple types of functional zones can be defined by the user.
- D. Functional zones are used for out-of-band device management.

Answer: BD

NEW QUESTION 2

What are two Juniper ATP Cloud feed analysis components? (Choose two.)

- A. IDP signature feed
- B. C&C cloud feed
- C. infected host cloud feed
- D. US CERT threat feed

Answer: AB

Explanation:

The Juniper ATP Cloud feed analysis components are the IDP signature feed and the C&C cloud feed. The IDP signature feed provides a database of signatures from known malicious traffic, while the C&C cloud feed provides the IP addresses of known command and control servers. The infected host cloud feed and US CERT threat feed are not components of the Juniper ATP Cloud feed analysis.

To learn more about the Juniper ATP Cloud feed analysis components, refer to the Juniper Networks Security Automation and Orchestration (SAO) official documentation, which can be found at https://www.juniper.net/documentation/en_US/sao/topics/concept/security-automation-and-orchestration-overvi
The documentation provides an overview of the SAO platform and an in-depth look at the various components of the Juniper ATP Cloud feed analysis.

NEW QUESTION 3

Which Juniper Networks solution uses static and dynamic analysis to search for day-zero malware threats?

- A. firewall filters
- B. UTM
- C. Juniper ATP Cloud
- D. IPS

Answer: C

Explanation:

Malware Sandboxing

Detect and stop zero-day and commodity malware within web, email, data center, and application traffic targeted for Windows, Mac, and IoT devices. <https://www.juniper.net/us/en/products/security/advanced-threat-prevention.html>

NEW QUESTION 4

You want to deploy a NAT solution.

In this scenario, which solution would provide a static translation without PAT?

- A. interface-based source NAT
- B. pool-based NAT with address shifting
- C. pool-based NAT with PAT
- D. pool-based NAT without PAT

Answer: B

Explanation:

Translation of the original source IP address to an IP address from a user-defined address pool by shifting the IP addresses. This type of translation is one-to-one, static, and without port address translation. If the original source IP address range is larger than the IP address range in the user-defined pool, untranslated packets are dropped.

<https://www.juniper.net/documentation/us/en/software/junos/nat/topics/topic-map/nat-security-source-and-sourc>

NEW QUESTION 5

An application firewall processes the first packet in a session for which the application has not yet been identified.

In this scenario, which action does the application firewall take on the packet?

- A. It allows the first packet.
- B. It denies the first packet and sends an error message to the user.
- C. It denies the first packet.
- D. It holds the first packet until the application is identified.

Answer: D

Explanation:

This is necessary to ensure that the application firewall can properly identify the application and the correct security policies can be applied before allowing any traffic to pass through.

If the first packet was allowed to pass without first being identified, then the application firewall would not know which security policies to apply - and this could potentially lead to security vulnerabilities or breaches. So it's important that the first packet is held until the application is identified.

NEW QUESTION 6

Which statement is correct about static NAT?

- A. Static NAT supports port translation.
- B. Static NAT rules are evaluated after source NAT rules.
- C. Static NAT implements unidirectional one-to-one mappings.
- D. Static NAT implements unidirectional one-to-many mappings.

Answer: C

Explanation:

Static NAT (Network Address Translation) is a type of NAT that maps a public IP address to a private IP address. With static NAT, a one-to-one mapping is created between a public IP address and a private IP address. This means that a single public IP address is mapped to a single private IP address, and all incoming traffic to the public IP address is forwarded to the private IP address.

NEW QUESTION 7

You are deploying an SRX Series firewall with multiple NAT scenarios. In this situation, which NAT scenario takes priority?

- A. interface NAT
- B. source NAT
- C. static NAT
- D. destination NAT

Answer: A

Explanation:

This is because the interface NAT would allow the connections to pass through the firewall - and thus, would ensure that the appropriate ports are open in order to allow for the connections to be established.

This is a really important step in order to ensure that all of the appropriate traffic is allowed through the SRX Series firewall - and thus, it must be a priority when deploying the firewall.

NEW QUESTION 8

What are three primary match criteria used in a Junos security policy? (Choose three.)

- A. application
- B. source address
- C. source port
- D. class
- E. destination address

Answer: ABE

NEW QUESTION 9

Which statement about service objects is correct?

- A. All applications are predefined by Junos.
- B. All applications are custom defined by the administrator.
- C. All applications are either custom or Junos defined.
- D. All applications in service objects are not available on the vSRX Series device.

Answer: C

Explanation:

"Service objects represent applications and services that can be assigned to a security policy rule. Applications and services can either be predefined by Junos software or custom defined by the administrator."

NEW QUESTION 10

Your ISP gives you an IP address of 203.0.113.0/27 and informs you that your default gateway is 203.0.113.1. You configure destination NAT to your internal server, but the requests sent to the webserver at 203.0.113.5 are not arriving at the server.

In this scenario, which two configuration features need to be added? (Choose two.)

- A. firewall filter
- B. security policy
- C. proxy-ARP
- D. UTM policy

Answer: BC

NEW QUESTION 10

You are assigned a project to configure SRX Series devices to allow connections to your web servers. The web servers have a private IP address, and the packets must use NAT to be accessible from the Internet. The web servers must use the same address for both connections from the Internet and communication with update servers.

Which NAT type must be used to complete this project?

- A. source NAT
- B. destination NAT

- C. static NAT
- D. hairpin NAT

Answer: C

Explanation:

Only static NAT with pool ensures both traffic initiated from inside and outside networks use the same IP address.

NEW QUESTION 12

Which two addresses are valid address book entries? (Choose two.)

- A. 173.145.5.21/255.255.255.0
- B. 153.146.0.145/255.255.0.255
- C. 203.150.108.10/24
- D. 191.168.203.0/24

Answer: AC

Explanation:

The correct address book entries are:

- * 173.145.5.21/255.255.255.0
- * 203.150.108.10/24

Both of these entries represent a valid IP address and subnet mask combination, which can be used as an address book entry in a Juniper device.

NEW QUESTION 15

Which statement is correct about Web filtering?

- A. The Juniper Enhanced Web Filtering solution requires a locally managed server.
- B. The decision to permit or deny is based on the body content of an HTTP packet.
- C. The decision to permit or deny is based on the category to which a URL belongs.
- D. The client can receive an e-mail notification when traffic is blocked.

Answer: C

Explanation:

Web filtering is a feature that allows administrators to control access to websites by categorizing URLs into different categories such as gambling, social networking, or adult content. The decision to permit or deny access to a website is based on the category to which a URL belongs. This is done by comparing the URL against a database of categorized websites and making a decision based on the policy defined by the administrator.

NEW QUESTION 18

Which statement is correct about unified security policies on an SRX Series device?

- A. A zone-based policy is always evaluated first.
- B. The most restrictive policy is applied regardless of the policy level.
- C. A global policy is always evaluated first.
- D. The first policy rule is applied regardless of the policy level.

Answer: A

NEW QUESTION 21

What is the default timeout value for TCP sessions on an SRX Series device?

- A. 30 seconds
- B. 60 minutes
- C. 60 seconds
- D. 30 minutes

Answer: D

Explanation:

By default, TCP has a 30-minute idle timeout, and UDP has a 60-second idle timeout. Additionally, known IP protocols have a 30-minute timeout, whereas unknown ones have a 60-second timeout. Setting the inactivity timeout is very useful, particularly if you are concerned about applications either timing out or remaining idle for too long and filling up the session table. According to the Juniper SRX Series Services Guide, this can be configured using the 'timeout inactive' statement for the security policy.

NEW QUESTION 22

What are two functions of Juniper ATP Cloud? (Choose two.)

- A. malware inspection
- B. Web content filtering
- C. DDoS protection
- D. Geo IP feeds

Answer: AD

Explanation:

Juniper Advanced Threat Prevention (ATP) Cloud is a security service that helps organizations protect against advanced threats by providing real-time threat

intelligence and automated response capabilities. It combines a cloud-based threat intelligence platform with the security capabilities of Juniper Networks security devices to provide comprehensive protection against advanced threats. The two functions of Juniper ATP Cloud include malware inspection and Geo IP feeds. The malware inspection component provides real-time protection against known and unknown threats by analyzing suspicious files and determining if they are malicious. The Geo IP feeds provide a global view of IP addresses and their associated countries, allowing organizations to identify and block traffic from known malicious countries.

NEW QUESTION 23

Which two services does Juniper Connected Security provide? (Choose two.)

- A. protection against zero-day threats
- B. IPsec VPNs
- C. Layer 2 VPN tunnels
- D. inline malware blocking

Answer: AD

NEW QUESTION 28

Which two statements are correct about IPsec security associations? (Choose two.)

- A. IPsec security associations are bidirectional.
- B. IPsec security associations are unidirectional.
- C. IPsec security associations are established during IKE Phase 1 negotiations.
- D. IPsec security associations are established during IKE Phase 2 negotiations.

Answer: AD

Explanation:

The two statements that are correct about IPsec security associations are that they are bidirectional and that they are established during IKE Phase 2 negotiations. IPsec security associations are bidirectional, meaning that they provide security for both incoming and outgoing traffic. IPsec security associations are established during IKE Phase 2 negotiations, which negotiates the security parameters and establishes the security association between the two peers. For more information, please refer to the Juniper Networks IPsec VPN Configuration Guide, which can be found on Juniper's website.

NEW QUESTION 31

What are two features of the Juniper ATP Cloud service? (Choose two.)

- A. sandbox
- B. malware detection
- C. EX Series device integration
- D. honeypot

Answer: AB

NEW QUESTION 32

In J-Web, the management and loopback address configuration option allows you to configure which area?

- A. the IP address of the primary Gigabit Ethernet port
- B. the IP address of the Network Time Protocol server
- C. the CIDR address
- D. the IP address of the device management port

Answer: D

Explanation:

J-Web is a web-based interface for configuring and managing Juniper devices. The management and loopback address configuration option in J-Web allows you to configure the IP address of the device management port, which is used to remotely access and manage the device.

NEW QUESTION 34

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