



Juniper

Exam Questions JN0-231

Security - Associate (JNCIA-SEC)

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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

Which three Web filtering deployment actions are supported by Junos? (Choose three.)

- A. Use IPS.
- B. Use local lists.
- C. Use remote lists.
- D. Use Websense Redirect.
- E. Use Juniper Enhanced Web Filtering.

Answer: BDE

Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/utm/topics/concept/utm-web-filtering-overview.ht>

NEW QUESTION 3

What is the correct order in which interface names should be identified?

- A. system slot number → interface media type → port number → line card slot number
- B. system slot number → port number → interface media type → line card slot number
- C. interface media type → system slot number → line card slot number → port number
- D. interface media type → port number → system slot number → line card slot number

Answer: C

NEW QUESTION 4

What is the default value of the dead peer detection (DPD) interval for an IPsec VPN tunnel?

- A. 20 seconds
- B. 5 seconds
- C. 10 seconds
- D. 40 seconds

Answer: B

Explanation:

The default value of the dead peer detection (DPD) interval for an IPsec VPN tunnel is 5 seconds. DPD is a mechanism that enables the IPsec device to detect if the peer is still reachable or if the IPsec VPN tunnel is still active. The DPD interval determines how often the IPsec device sends DPD packets to the peer to check the status of the VPN tunnel. A value of 5 seconds is a common default, but the specific value can vary depending on the IPsec device and its configuration.

NEW QUESTION 5

Which two statements are correct about the default behavior on SRX Series devices? (Choose two.)

- A. The SRX Series device is in flow mode.
- B. The SRX Series device supports stateless firewall filters.
- C. The SRX Series device is in packet mode.
- D. The SRX Series device does not support stateless firewall filters.

Answer: AB

NEW QUESTION 6

You are investigating a communication problem between two hosts and have opened a session on the SRX Series device closest to one of the hosts and entered the show security flow session command.

What information will this command provide? (Choose two.)

- A. The total active time of the session.
- B. The end-to-end data path that the packets are taking.
- C. The IP address of the host that initiates the session.
- D. The security policy name that is controlling the session.

Answer: CD

NEW QUESTION 7

You want to provide remote access to an internal development environment for 10 remote developers.

Which two components are required to implement Juniper Secure Connect to satisfy this requirement? (Choose two.)

- A. an additional license for an SRX Series device
- B. Juniper Secure Connect client software
- C. an SRX Series device with an SPC3 services card
- D. Marvis virtual network assistant

Answer: AB

NEW QUESTION 8

What does the number “2” indicate in interface ge—0/1/2?

- A. The interface logical number
- B. The physical interface card (PIC)
- C. The port number
- D. The flexible PIC concentrator (FPC)

Answer: C

NEW QUESTION 9

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 10

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

Which order is correct for Junos security devices that examine policies for transit traffic?

- A. zone policies global policies default policies
- B. default policies zone policies global policies
- C. default policies global policies zone policies
- D. global policies zone policies default policies

Answer: A

NEW QUESTION 15

You need to collect the serial number of an SRX Series device to replace it. Which command will accomplish this task?

- A. show chassis hardware
- B. show system information
- C. show chassis firmware
- D. show chassis environment

Answer: A

Explanation:

The correct command to collect the serial number of an SRX Series device is the show chassis hardware command [1]. This command will return the serial number of the device, along with other information about the device such as the model number, part number, and version.

This command is available in Junos OS. More information about the show chassis hardware command can be found in the Juniper Networks technical documentation here [1]: https://www.juniper.net/documentation/en_US/junos/topics/reference/command-summary/show-chassis-hardwa

NEW QUESTION 18

Which two IPsec hashing algorithms are supported on an SRX Series device? (Choose two.)

- A. SHA-1
- B. SHAKE128
- C. MD5
- D. RIPEMD-256

Answer: AC

NEW QUESTION 19

Which two statements are true about Juniper ATP Cloud? (Choose two.)

- A. Juniper ATP Cloud is an on-premises ATP appliance.
- B. Juniper ATP Cloud can be used to block and allow IPs.
- C. Juniper ATP Cloud is a cloud-based ATP subscription.
- D. Juniper ATP Cloud delivers intrusion protection services.

Answer: CD

Explanation:

Juniper ATP Cloud is a cloud-based ATP subscription that delivers advanced threat protection services, such as URL categorization, file reputation analysis, and malware analysis. It is able to quickly and accurately categorize URLs and other web content, and can also provide detailed reporting on web usage, as well as the ability to define and enforce acceptable use policies. Additionally, Juniper ATP Cloud is able to block and allow specific IPs, providing additional protection against malicious content.

References:

https://www.juniper.net/documentation/en_US/junos-space-security-director/topics/task/configuration/security-s

https://www.juniper.net/documentation/en_US/junos-space-security-director/topics/task/configuration/security-s

NEW QUESTION 23

What information does the show chassis routing-engine command provide?

- A. chassis serial number
- B. resource utilization
- C. system version
- D. routing tables

Answer: B

NEW QUESTION 26

You are creating Ipsec connections.

In this scenario, which two statements are correct about proxy IDs? (Choose two.)

- A. Proxy IDs are used to configure traffic selectors.
- B. Proxy IDs are optional for Phase 2 session establishment.
- C. Proxy IDs must match for Phase 2 session establishment.
- D. Proxy IDs default to 0.0.0.0/0 for policy-based VPNs.

Answer: AB

NEW QUESTION 27

Which two user authentication methods are supported when using a Juniper Secure Connect VPN? (Choose two.)

- A. certificate-based
- B. multi-factor authentication
- C. local authentication
- D. active directory

Answer: CD

Explanation:

"Local Authentication—In local authentication, the SRX Series device validates the user credentials by checking them in the local database. In this method, the administrator handles change of password or resetting of forgotten password. Here, it requires that an user must remember a new password. This option is not much preferred from a security standpoint.

• External Authentication—In external authentication, you can allow the users to use the same user credentials they use when accessing other resources on the network. In many cases, user credentials are domain logon used for Active Directory or any other LDAP authorization system. This method simplifies user experience and improves the organization's security posture; because you can maintain the authorization system with the regular security policy used by your organization."

<https://www.juniper.net/documentation/us/en/software/secure-connect/secure-connect-administrator-guide/topic>

NEW QUESTION 30

Which two security features inspect traffic at Layer 7? (Choose two.)

- A. IPS/IDP
- B. security zones
- C. application firewall
- D. integrated user firewall

Answer: AC

NEW QUESTION 31

Which Web filtering solution uses a direct Internet-based service for URL categorization?

- A. Juniper ATP Cloud

- B. Websense Redirect
- C. Juniper Enhanced Web Filtering
- D. local blocklist

Answer: C

Explanation:

Juniper Enhanced Web Filtering is a web filtering solution that uses a direct Internet-based service for URL categorization. This service allows Enhanced Web Filtering to quickly and accurately categorize URLs and other web content, providing real-time protection against malicious content. Additionally, Enhanced Web Filtering is able to provide detailed reporting on web usage, as well as the ability to define and enforce acceptable use policies.

References:

https://www.juniper.net/documentation/en_US/junos-space-security-director/topics/task/configuration/security-s

https://www.juniper.net/documentation/en_US/junos-space-security-director/topics/task/configuration/security-s

NEW QUESTION 35

You want to enable the minimum Juniper ATP services on a branch SRX Series device. In this scenario, what are two requirements to accomplish this task? (Choose two.)

- A. Install a basic Juniper ATP license on the branch device.
- B. Configure the juniper-atp user account on the branch device.
- C. Register for a Juniper ATP account on <https://sky.junipersecurity.net>.
- D. Execute the Juniper ATP script on the branch device.

Answer: CD

Explanation:

<https://manuals.plus/m/95fded847e67e8f456453182a54526ba3224a61a337c47177244d345d1f3b19e.pdf>

NEW QUESTION 39

Corporate security requests that you implement a policy to block all POP3 traffic from traversing the Internet firewall. In this scenario, which security feature would you use to satisfy this request?

- A. antivirus
- B. Web filtering
- C. content filtering
- D. antispam

Answer: C

NEW QUESTION 44

Which IPsec protocol is used to encrypt the data payload?

- A. ESP
- B. IKE
- C. AH
- D. TCP

Answer: A

NEW QUESTION 48

Which statement about global NAT address persistence is correct?

- A. The same IP address from a source NAT pool will be assigned for all sessions from a given host.
- B. The same IP address from a source NAT pool is not guaranteed to be assigned for all sessions from a given host.
- C. The same IP address from a destination NAT pool will be assigned for all sessions for a given host.
- D. The same IP address from a destination NAT pool is not guaranteed to be assigned for all sessions for a given host.

Answer: A

Explanation:

Use the persistent-nat feature to ensure that all requests from the same internal transport address are mapped to the same reflexive transport address (the public IP address and port created by the NAT device closest to the STUN server). The source NAT rule action can use a source NAT pool (with or without port translation) or an egress interface.

NEW QUESTION 49

Which statement is correct about packet mode processing?

- A. Packet mode enables session-based processing of incoming packets.
- B. Packet mode works with NAT, VPNs, UTM, IDP, and other advanced security services.
- C. Packet mode bypasses the flow module.
- D. Packet mode is the basis for stateful processing.

Answer: C

NEW QUESTION 51

What are two logical properties of an interface? (Choose two.)

- A. link mode
- B. IP address
- C. VLAN ID
- D. link speed

Answer: BC

Explanation:

<https://www.juniper.net/documentation/us/en/software/junos/interfaces-security-devices/topics/topic-map/securi>

NEW QUESTION 54

What must be enabled on an SRX Series device for the reporting engine to create reports?

- A. System logging
- B. SNMP
- C. Packet capture
- D. Security logging

Answer: D

NEW QUESTION 57

Which security policy type will be evaluated first?

- A. A zone policy with no dynamic application set
- B. A global with no dynamic application set
- C. A zone policy with a dynamic application set
- D. A global policy with a dynamic application set

Answer: D

NEW QUESTION 59

What is the order of the first path packet processing when a packet enters a device?

- A. security policies → screens → zones
- B. screens → security policies → zones
- C. screens → zones → security policies
- D. security policies → zones → screens

Answer: C

NEW QUESTION 60

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 62

What are two valid address books? (Choose two.)

- A. 66.129.239.128/25
- B. 66.129.239.154/24
- C. 66.129.239.0/24
- D. 66.129.239.50/25

Answer: AC

Explanation:

Network Prefixes in Address Books

You can specify addresses as network prefixes in the prefix/length format. For example, 203.0.113.0/24 is an acceptable address book address because it translates to a network prefix. However, 203.0.113.4/24 is not acceptable for an address book because it exceeds the subnet length of 24 bits. Everything beyond the subnet length must be entered as 0 (zero). In special scenarios, you can enter a hostname because it can use the full 32-bit address length.

<https://www.juniper.net/documentation/us/en/software/junos/security-policies/topics/topic-map/security-address>

NEW QUESTION 67

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 70

You must monitor security policies on SRX Series devices dispersed throughout locations in your organization using a 'single pane of glass' cloud-based solution. Which solution satisfies the requirement?

- A. Juniper Sky Enterprise
- B. J-Web
- C. Junos Secure Connect
- D. Junos Space

Answer: D

Explanation:

Junos Space is a management platform that provides a single pane of glass view of SRX Series devices dispersed throughout locations in your organization. It provides visibility into the security policies of the devices, allowing you to quickly identify and respond to security threats. Additionally, it provides the ability to manage multiple devices remotely and in real-time, enabling you to quickly deploy and update security policies on all devices. For more information, please refer to the Juniper Networks Junos Space Network Director User Guide, which can be found on Juniper's website.

NEW QUESTION 72

Which two components are part of a security zone? (Choose two.)

- A. inet.0
- B. fxp0
- C. address book
- D. ge-0/0/0.0

Answer: BD

NEW QUESTION 75

SRX Series devices have a maximum of how many rollback configurations?

- A. 40
- B. 60
- C. 50
- D. 10

Answer: C

NEW QUESTION 78

When are Unified Threat Management services performed in a packet flow?

- A. before security policies are evaluated
- B. as the packet enters an SRX Series device
- C. only during the first path process
- D. after network address translation

Answer: D

Explanation:

<https://iosonounrouter.wordpress.com/2018/07/07/how-does-a-flow-based-srx-work/>

NEW QUESTION 80

When transit traffic matches a security policy, which three actions are available? (Choose three.)

- A. Allow
- B. Discard
- C. Deny
- D. Reject
- E. Permit

Answer: CDE

NEW QUESTION 85

Which two statements about user-defined security zones are correct? (Choose two.)

- A. Users cannot share security zones between routing instances.
- B. Users can configure multiple security zones.
- C. Users can share security zones between routing instances.
- D. User-defined security zones do not apply to transit traffic.

Answer: BC

Explanation:

User-defined security zones allow users to configure multiple security zones and share them between routing instances. This allows users to easily manage multiple security zones and their associated policies. For example, a user can create a security zone for corporate traffic, a security zone for guest traffic, and a security zone for public traffic, and then configure policies to control the flow of traffic between each of these security zones. Transit traffic can also be managed using user-defined security zones, as the policies applied to these zones will be applied to the transit traffic as well.

References:

https://www.juniper.net/documentation/en_US/junos/topics/task/configuration/security-zones-overview-configu

https://www.juniper.net/documentation/en_US/junos/topics/task/security/security-zones-configuring-shared.htm

NEW QUESTION 89

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