Juniper

Exam Questions JN0-231

Security - Associate (JNCIA-SEC)

NEW QUESTION 1
What are three Junos UTM features? (Choose three.)

A. screens
B. antivirus
C. Web filtering
D. IDP/IPS
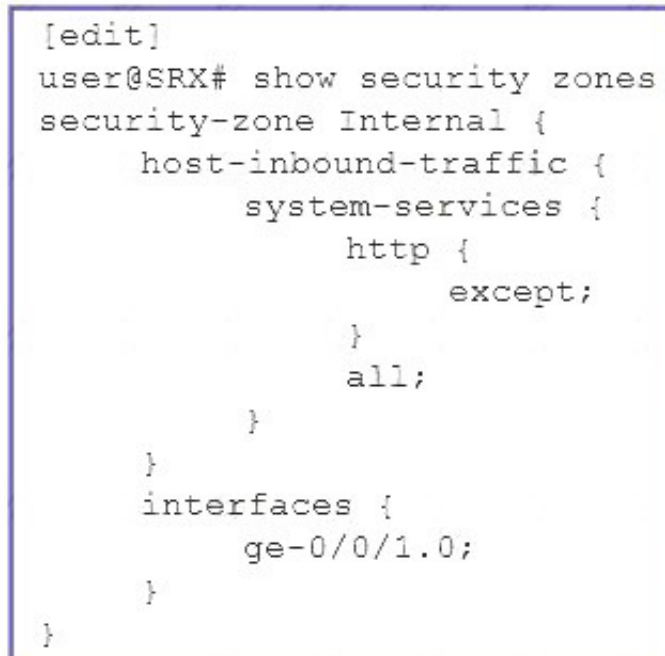E. content filtering

Answer: BCE

NEW QUESTION 2
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 3
Click the Exhibit button.

```
[edit]
user@SRX# show security zones
security-zone Internal {
        host-inbound-traffic {
                system-services {
                        http {
                                except;
                        }
                        all;
                }
        }
        interfaces {
                ge-0/0/1.0;
        }
}
```

What is the purpose of the host-inbound-traffic configuration shown in the exhibit?

A. to permit host inbound HTTP traffic and deny all other traffic on the internal security zone
B. to deny and log all host inbound traffic on the internal security zone, except for HTTP traffic
C. to permit all host inbound traffic on the internal security zone, but deny HTTP traffic
D. to permit host inbound HTTP traffic on the internal security zone

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
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 6
You want to implement user-based enforcement of security policies without the requirement of certificates and supplicant software.
Which security feature should you implement in this scenario?

A. integrated user firewall
B. screens
C. 802.1X
D. Juniper ATP

Answer: D

Explanation:
In this scenario, you should implement Juniper ATP (Advanced Threat Prevention). Juniper ATP provides user-based enforcement of security policies without the requirement of certificates and supplicant software. It uses a combination of behavioral analytics, sandboxing, and threat intelligence to detect and respond to advanced threats in real time. Juniper ATP provides robust protection against targeted attacks, malicious insiders, and zero-day malware. For more information, please refer to the Juniper ATP product page on Juniper's website.

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 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
You are installing a new SRX Series device and you are only provided one IP address from your ISP. In this scenario, which NAT solution would you implement?

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

Answer: C

NEW QUESTION 10
Which two statements are correct about the integrated user firewall feature?(Choose two.)

A. It maps IP addresses to individual users.
B. It supports IPv4 addresses.
C. It allows tracking of non-Windows Active Directory users.
D. It uses the LDAP protocol.

Answer: AC

NEW QUESTION 10
Click the Exhibit button.

```
[edit security policies]
user@vSRX-1# edit from-zone trust to-zone dmz policy Trust-DMZ-Access
[edit security policies from-zone trust to-zone dmz policy Trust-DMZ-Access]
user@vSRX-1# exit
```

Referring to the exhibit, a user is placed in which hierarchy when the exit command is run?

A. [edit security policies from-zone trust to-zone dmz] user@vSRX-1#

B. [edit] user@vSRX-1#
C. [edit security policies] user@vSRX-1#
D. user@vSRX-1>

Answer: A

NEW QUESTION 13
Unified threat management (UTM) inspects traffic from which three protocols? (Choose three.)

A. FTP
B. SMTP
C. SNMP
D. HTTP
E. SSH

Answer: ABD

Explanation:
https://www.inetzero.com/blog/unified-threat-management-deeper-dive-traffic-inspection/

NEW QUESTION 14
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 17
Which two non-configurable zones exist by default on an SRX Series device? (Choose two.)

A. Junos-host
B. functional
C. null
D. management

Answer: AC

Explanation:
Junos-host and null are two non-configurable zones that exist by default on an SRX Series device. Junos-host is the default zone for all internal interfaces and services, such as management and other loopback interfaces. The null zone is used to accept all traffic that is not explicitly accepted by other security policies, and is the default zone for all unclassified traffic. Both zones cannot be modified or deleted.
References:
https://www.juniper.net/documentation/en_US/junos/topics/task/configuration/security-zones-overview.html
https://www.juniper.net/documentation/en_US/junos/topics/reference/configuration-statement/security-zones-de

NEW QUESTION 21
Which two IKE Phase 1 configuration options must match on both peers to successfully establish a tunnel? (Choose two.)

A. VPN name
B. gateway interfaces
C. IKE mode
D. Diffie-Hellman group

Answer: CD

NEW QUESTION 24
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 29
You have an FTP server and a webserver on the inside of your network that you want to make available to users outside of the network. You are allocated a single public IP address.
In this scenario, which two NAT elements should you configure? (Choose two.)

A. destination NAT
B. NAT pool
C. source NAT
D. static NAT

Answer: AB

Explanation:
With single Ip address it is port forwarding. So, destination NAT and a pool address point to the single public IP of the internet facing interface.

NEW QUESTION 31
Which statement is correct about global security policies on SRX Series devices?

A. The to-zone any command configures a global policy.
B. The from-zone any command configures a global policy.
C. Global policies are always evaluated first.
D. Global policies can include zone context.

Answer: D

NEW QUESTION 32
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 33
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 38
Which two statements are correct about IKE security associations? (Choose two.)

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

Answer: AD

NEW QUESTION 39
SRX Series devices have a maximum of how many rollback configurations?

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

Answer: C

NEW QUESTION 41

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 42
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