



## 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

You want to block executable files ("exe) from being downloaded onto your network. Which UTM feature would you use in this scenario?

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

**Answer:** B

#### Explanation:

According to the Juniper Networks official JNCIA-SEC Exam Guide, web filtering is a feature used to control access to web content, including the ability to block specific types of files.

In the scenario mentioned, you want to block executable files from being downloaded, which can be accomplished by using web filtering. The feature allows administrators to configure policies that block specific file types, including "exe" files, from being downloaded.

#### NEW QUESTION 3

What are two characteristics of a null zone? (Choose two.)

- A. The null zone is configured by the super user.
- B. By default, all unassigned interfaces are placed in the null zone.
- C. All ingress and egress traffic on an interface in a null zone is permitted.
- D. When an interface is deleted from a zone, it is assigned back to the null zone.

**Answer:** BD

#### NEW QUESTION 4

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 5

You have configured a UTM feature profile.

Which two additional configuration steps are required for your UTM feature profile to take effect? (Choose two.)

- A. Associate the UTM policy with an address book.
- B. Associate the UTM policy with a firewall filter.
- C. Associate the UTM policy with a security policy.
- D. Associate the UTM feature profile with a UTM policy.

**Answer:** CD

#### Explanation:

For the UTM feature profile to take effect, it must be associated with a security policy and a UTM policy. The security policy defines the traffic flow and the actions that should be taken on the traffic, while the UTM policy defines the security features to be applied to the traffic, such as antivirus, intrusion prevention, and web filtering. The UTM feature profile provides the necessary configuration for the security features defined in the UTM policy.

#### NEW QUESTION 6

Click the Exhibit button.

```
[edit security policies]
user@SRX# show
from-zone trust to-zone untrust {
  policy Rule-1 {
    match {
      source-address any;
      destination-address any;
      application any;
    }
    then {
      deny;
    }
  }
  policy Rule-2 {
    match {
      source-address any;
      destination-address any;
      application [ junos-ping junos-ssh ];
    }
    then {
      permit;
    }
  }
}
```

You are asked to allow only ping and SSH access to the security policies shown in the exhibit. Which statement will accomplish this task?

- A. Rename policy Rule-2 to policy Rule-0.
- B. Insert policy Rule-2 before policy Rule-1.
- C. Replace application any with application [junos-ping junos-ssh] in policy Rule-1.
- D. Rename policy Rule-1 to policy Rule-3.

**Answer:** B

#### NEW QUESTION 7

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 8

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. You do not want the web servers to initiate connections with external update servers on the Internet using the same IP address as customers use to access them.

Which two NAT types must be used to complete this project? (Choose two.)

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

**Answer:** CD

#### NEW QUESTION 9

Which two components are configured for host inbound traffic? (Choose two.)

- A. zone
- B. logical interface
- C. physical interface
- D. routing instance

**Answer:** AB

#### NEW QUESTION 10

You want to verify the peer before IPsec tunnel establishment. What would be used as a final check in this scenario?

- A. traffic selector
- B. perfect forward secrecy
- C. st0 interfaces
- D. proxy ID

**Answer:** D

#### Explanation:

The proxy ID is used as a final check to verify the peer before IPsec tunnel establishment. The proxy ID is a combination of local and remote subnet and protocol, and it is used to match the traffic that is to be encrypted. If the proxy IDs match between the two IPsec peers, the IPsec tunnel is established, and the traffic is encrypted.

#### 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 11

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)  
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#### NEW QUESTION 16

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 17

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 22

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 24**

Which two UTM features should be used for tracking productivity and corporate user behavior? (Choose two.)

- A. the content filtering UTM feature
- B. the antivirus UTM feature
- C. the Web filtering UTM feature
- D. the antispam UTM feature

**Answer:** AC

**NEW QUESTION 25**

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 27**

Which statement is correct about Junos security policies?

- A. Security policies enforce rules that should be applied to traffic transiting an SRX Series device.
- B. Security policies determine which users are allowed to access an SRX Series device.
- C. Security policies control the flow of internal traffic within an SRX Series device.
- D. Security policies identity groups of users that have access to different features on an SRX Series device.

**Answer:** A

**Explanation:**

The correct statement about Junos security policies is that they enforce rules that should be applied to traffic transiting an SRX Series device. Security policies control the flow of traffic between different zones on the SRX Series device, and dictate which traffic is allowed or denied. They can also specify which application and service requests are allowed or blocked. More information about Junos security policies can be found in the Juniper Networks technical documentation here: [https://www.juniper.net/documentation/en\\_US/junos/topics/task/configuration/security-policies-overview.html](https://www.juniper.net/documentation/en_US/junos/topics/task/configuration/security-policies-overview.html).

**NEW QUESTION 32**

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 33**

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 36**

Click the Exhibit button.

```

user@vSRX-VR> ping 10.10.102.10 count 5 routing-instance DMZ
PING 10.10.102.10 (10.10.102.10): 56 data bytes
64 bytes from 10.10.102.10: icmp_seq=0 ttl=64 time=0.037 ms
64 bytes from 10.10.102.10: icmp_seq=1 ttl=64 time=0.045 ms
64 bytes from 10.10.102.10: icmp_seq=2 ttl=64 time=0.054 ms
64 bytes from 10.10.102.10: icmp_seq=3 ttl=64 time=0.047 ms
64 bytes from 10.10.102.10: icmp_seq=4 ttl=64 time=0.070 ms
--- 10.10.102.10 ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max/stddev = 0.037/0.051/0.070/0.011 ms
user@vSRX-VR>

```

Referring to the exhibit, which two statements are correct about the ping command? (Choose two.)

- A. The DMZ routing-instance is the source.
- B. The 10.10.102.10 IP address is the source.
- C. The 10.10.102.10 IP address is the destination.
- D. The DMZ routing-instance is the destination.

**Answer:** AC

#### NEW QUESTION 39

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 41

What does the number "2" indicate in interface ge-0/1/2?

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

**Answer:** D

#### NEW QUESTION 43

When operating in packet mode, which two services are available on the SRX Series device? (Choose two.)

- A. MPLS
- B. UTM
- C. CoS
- D. IDP

**Answer:** AC

#### NEW QUESTION 46

When creating a site-to-site VPN using the J-Web shown in the exhibit, which statement is correct?

- A. The remote gateway is configured automatically based on the local gateway settings.
- B. RIP, OSPF, and BGP are supported under Routing mode.
- C. The authentication method is pre-shared key or certificate based.
- D. Privately routable IP addresses are required.

**Answer:** D

#### NEW QUESTION 49

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