

JN0-1331^{Q&As}

Security Design - Specialist (JNCDS-SEC)

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QUESTION 1

You are designing a data center security solution for a customer. The customer asks that you provide a DDoS solution. Several IPsec tunnels will be terminated at the data center gateway.

Which type of security is your customer asking you to implement?

- A. segmentation
- B. intra-data center policy enforcement
- C. perimeter protection
- D. compliance

Correct Answer: C

QUESTION 2

You are designing a DDoS solution for an ISP using BGP FlowSpec. You want to ensure that BGP FlowSpec does not overwhelm the ISP's edge routers.

Which two requirements should be included in your design? (Choose two.)

- A. Specify a maximum number BGP FlowSpec prefixes per neighbor
- B. Implement a route policy to limit advertised routes to /24 subnets
- C. Implement a route policy to limit advertised routes to any public IP space
- D. Specify a maximum number of BGP FlowSpec prefixes per device

Correct Answer: CD

Reference: https://www.juniper.net/documentation/en_US/day-one-books/DO_BGP_Flowspec.pdf

QUESTION 3

What are two reasons for using cSRX over vSRX? (Choose two.)

- A. cSRX loads faster
- B. cSRX uses less memory
- C. cSRX supports the BGP protocol
- D. cSRX supports IPsec

Correct Answer: AB

Reference: https://www.juniper.net/documentation/en_US/csrx/information-products/pathway-pages/ security-csrx-linux-

bm-guide-pwp.pdf

QUESTION 4

Your company has 500 branch sites and the CIO is concerned about minimizing the potential impact of a VPN router being stolen from an enterprise branch site. You want the ability to quickly disable a stolen VPN router while minimizing administrative overhead.

Which solution accomplishes this task?

- A. Implement a certificate-based VPN using a public key infrastructure (PKI)
- B. Modify your IKE proposals to use Diffie-Hellman group 14 or higher
- C. Use firewall filters to block traffic from the stolen VPN router
- D. Rotate VPN pre-shared keys every month

Correct Answer: C

QUESTION 5

You are asked to install a mechanism to protect an ISP network from denial-of-service attacks from a small number of sources.

Which mechanism will satisfy this requirement?

- A. RTBH
- B. UTM
- C. Sky ATP
- D. GeoIP

Correct Answer: A

Reference: https://www.juniper.net/documentation/en_US/day-one-books/DO_BGP_FlowSpec.pdf

QUESTION 6

Which two steps should be included in your security design process? (Choose two.)

- A. Identify external attackers
- B. Define safety requirements for the customer's organization
- C. Identify the firewall enforcement points
- D. Define overall security policies

Correct Answer: CD

Reference: <https://www.juniper.net/assets/us/en/local/pdf/whitepapers/2000591-en.pdf>

QUESTION 7

You are deploying a data center Clos architecture and require secure data transfers within the switching fabric.

In this scenario, what will accomplish this task?

- A. MACsec encryption
- B. LAG Layer 2 hashing
- C. IRB VLAN routing between hosts
- D. stacked VLAN tagging on the core switches

Correct Answer: C

Reference: https://www.juniper.net/documentation/en_US/junos/topics/example/private-vlans-irbinterfaces-mx-series-l2ng-configuring.html

QUESTION 8

You will be managing 1000 SRX Series devices. Each SRX Series device requires basic source NAT to access the Internet.

Which product should you use to manage these NAT rules on the SRX Series devices?

- A. Security Director
- B. CSO
- C. Contrail
- D. JSA

Correct Answer: A

QUESTION 9

You are concerned about users attacking the publicly accessible servers in your data center through encrypted channels. You want to block these attacks using your SRX Series devices.

In this scenario, which two features should you use? (Choose two.)

- A. Sky ATP
- B. IPS
- C. SSL forward proxy

D. SSL reverse proxy

Correct Answer: BC

Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-user-auth-ssltls.html

QUESTION 10

Your company has outgrown its existing secure enterprise WAN that is configured to use OSPF, AutoVPN, and IKE version 1. You are asked if it is possible to make a design change to improve the WAN performance without purchasing new hardware.

Which two design changes satisfy these requirements? (Choose two.)

- A. Modify the IPsec proposal from AES-128 to AES-256
- B. Change the IGP from OSPF to IS-IS
- C. Migrate to IKE version 2
- D. Implement Auto Discovery VPN

Correct Answer: BD

Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-auto-discoveryvpns.html

QUESTION 11

You are designing an SDN security solution for a new campus network. The network will consist of Juniper Networks Policy Enforcer, Juniper Networks switches, third-party switches, and SRX Series devices. The switches and the SRX Series devices will be used as security enforcement points. The design must be able to change the VLAN mapping of the switch port of a user that is already authenticated to the network in the event that the end user device becomes compromised.

Which component satisfies this requirement?

- A. certificate server
- B. RADIUS server
- C. Security Director
- D. DHCP server

Correct Answer: C

QUESTION 12

Which statement about IPsec tunnels is true?

- A. They are used to provide in-depth packet inspection for traffic leaving your network

- B. They are used to prevent routing loops in a Layer 2 environment
- C. They are used to secure and encrypt traffic between tunnel endpoints
- D. They are used to combine multiple interfaces into a single bundle

Correct Answer: C

QUESTION 13

You must design a small branch office firewall solution that provides application usage statistics.

In this scenario, which feature would accomplish this task?

- A. AppFW
- B. AppTrack
- C. UTM
- D. AppQoS

Correct Answer: B

Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-applicationtracking.html

QUESTION 14

You are asked to design a VPN solution between 25 branches of a company. The company wants to have the sites talk directly to each other in the event of a hub device failure. The solution should follow industry standards.

Which solution would you choose in this scenario?

- A. AutoVPN
- B. Auto Discovery VPN
- C. Group VPN
- D. full mesh VPN

Correct Answer: B

Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-auto-discoveryvpns.html

QUESTION 15

You are asked to provide a design proposal for a campus network. As part of the design, the customer requires that all end user devices must be authenticated before being granted access to their Layer 2 network.

Which feature meets this requirement?

- A. IPsec
- B. 802.1X
- C. NAT
- D. ALGs

Correct Answer: B

Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/802-1x-authenticationswitching-devices.html

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