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Security Design, Specialist (JNCDS-SEC)
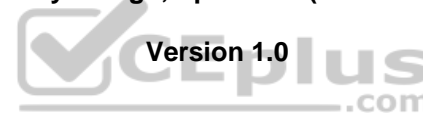
Version 1.0

Exam A

QUESTION 1
You are deploying Security Director with the logging and reporting functionality for VMs that use SSDs. You expect to have approximately 20,000 events per second of logging in your network.

In this scenario, what is the minimum number of logging and reporting devices that should be used?

A. 2
B. 4
C. 1
D. 3

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos-space17.1/topics/task/multi-task/junos-space-sd-log-collector-installing.html

QUESTION 2
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 proxyD. SSL reverse proxy

Correct Answer: BC
Section: (none)
Explanation

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

QUESTION 3
Your customer needs help designing a single solution to protect their combination of various Junos network devices from unauthorized management access.

Which Junos OS feature will provide this protection?

A. Use a firewall filter applied to the fxp0 interface
B. Use a security policy with the destination of the junos-host zone
C. Use the management zone host-inbound-traffic feature
D. Use a firewall filter applied to the lo0 interface

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/junos-software-router-security-supported-features.html

QUESTION 4
You must allow applications to connect to external servers. The session has embedded IP address information to enable the remote system to establish a return session.

In your design, which function should be implemented?

A. source NAT
B. application layer gateway

C. destination NAT
D. HTTP redirect

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5 You are using SRX Series devices to secure your network and you require sandboxing for malicious file detonation. However, per company policy, you cannot send potentially malicious files outside your network for sandboxing.

Which feature should you use in this situation?

A. Sky ATP
B. UTM antivirus
C. IPS
D. JATP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Juniper Advanced Threat Prevention Appliance
Reference: https://www.juniper.net/us/en/products-services/security/srx-series/datasheets/1000654.page

QUESTION 6
You are creating a security design proposal for an enterprise customer. As part of the design, you are implementing 802.1x authentication on your EX Series devices.

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

A. The supplicant is the device that prevents the authenticator's access until it is authenticated
B. The supplicant is the device that is being authenticated
C. The authenticator is the device that is being authenticated
D. The authenticator is the device that prevents the supplicant's access until it is authenticated

Correct Answer: BD
Section: (none)
Explanation

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

QUESTION 7
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
Section: (none)
Explanation

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

QUESTION 8
You are responding to an RFP for securing a large enterprise. The RFP requires an onsite security solution which can use logs from third-party sources to prevent threats. The solution should also have the capability to detect and stop zeroday attacks.

Which Juniper Networks solution satisfies this requirement?

A. IDP
B. Sky ATP
C. JSA
D. JATP

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/uk/en/products-services/security/advanced-threat-prevention/

QUESTION 9
You are designing an SDSN 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.

Which component supports the SRX Series devices in this scenario?

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

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/release-independent/solutions/topics/concept/sg-006a-sdsn-product-components.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
Section: (none)
Explanation

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

QUESTION 11
You are concerned about malicious attachments being transferred to your e-mail server at work through encrypted channels. You want to block these malicious files using your SRX Series device.

Which two features should you use in this scenario? (Choose two.)

A. Sky ATP SMTP scanning
B. Sky ATP HTTP scanning
C. SSL forward proxyD. SSL reverse proxy

Correct Answer: AC
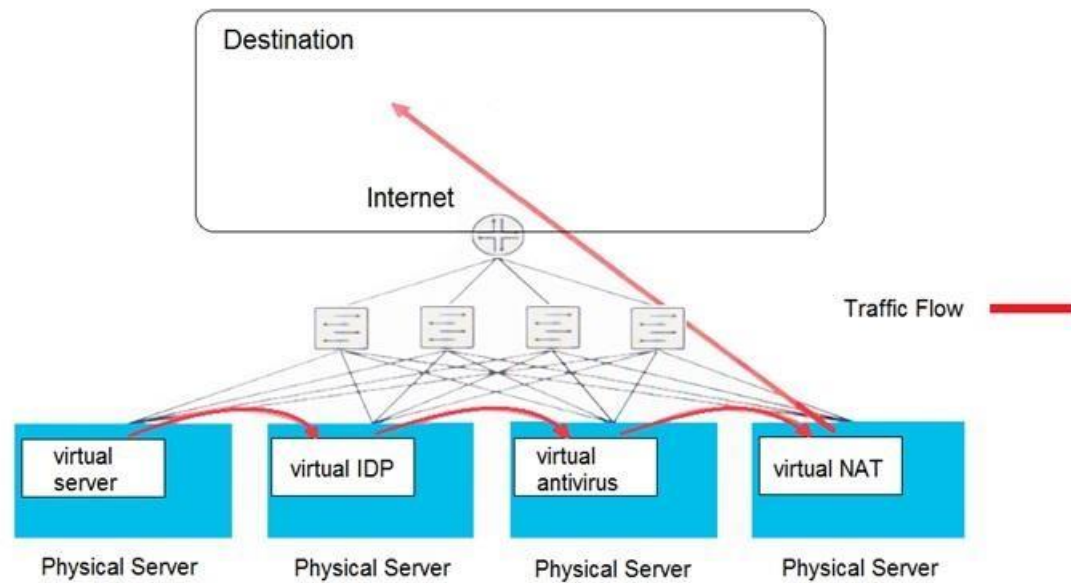**Section: (none)**
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/release-independent/sky-atp/help/information-products/pathway-pages/email-scanning-sky-atp.html

QUESTION 12
Click the Exhibit button.

Which type of security solution is shown in this exhibit?

A. service chain model
B. centralized model
C. inline security model
D. de-centralized model

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
You are designing an Internet security gateway (ISG) for your company and are considering a centralized versus a distributed model for ISGs.

Which two statements are correct in this scenario? (Choose two.)

A. Distributed ISGs typically have less latency compared to centralized ISGs
B. Distributed ISGs reduce bandwidth for end users
C. Distributed ISGs typically require extra bandwidth for management
D. Distributed ISGs are harder to manage compared to centralized ISGs

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
You are creating a data center security design. Virtual security functions must be performed on east-west traffic. Security functions must be commissioned and decommissioned frequently, and the least resource-intensive architecture must be used.

In this scenario, what will accomplish this task?

A. all-in-one NFV security devices with device templates
B. service chaining with container-based security functions
C. a security appliance segmented into logical systems
D. filter-based forwarding to direct traffic to the required security devices

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15 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
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/csrx/information-products/pathway-pages/security-csrx-linux-bm-guide-pwp.pdf

QUESTION 16
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
Section: (none)
Explanation

Explanation/Reference:
QUESTION 17 Which two features are used to stop IP spoofing in and out of your network?
(Choose two.)

A. GeoIP

B. firewall filters
C. unicast reverse path forwarding
D. IPS

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-attacker-evasion-technique.html

QUESTION 18
What are two benefits of the vSRX in a virtualized private or public cloud multitenant environment? (Choose two.)

A. full logical systems capabilities
B. stateful firewall protection at the tenant edge
C. 100GbE interface support
D. OSPFv3 capabilities

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/vsrx/topics/concept/security-vsrx-overview-generic.html https://www.juniper.net/documentation/en_US/junos/topics/topic-map/logical-systems-overview.html

QUESTION 19
You are designing a new network for your organization with the characteristics shown below.
▪ All traffic must pass inspection by a security device.
▪ A center-positioned segmentation gateway must provide deep inspection of each packet using 10 Gbps interfaces. ▪ Policy
enforcement must be centrally managed.

Which security model should you choose for your network design?

A. Intrazone Permit
B. trust but verify
C. user-role firewall policies
D. Zero Trust

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/assets/cn/zh/local/pdf/whitepapers/2000749-en.pdf

QUESTION 20
A hosting company is migrating to cloud-based solutions. Their customers share a physical firewall cluster, subdivided into individual logical firewalls for each customer. Projection data shows that the cloud service will soon deplete all the resources within the physical firewall. As a consultant, you must propose a scalable solution that continues to protect all the cloud customers while still securing the existing physical network.

In this scenario, which solution would you propose?

A. Deploy a vSRX cluster in front of each customer's servers while keeping the physical firewall cluster
B. Deploy a software-defined networking solution
C. Remove the physical firewall cluster and deploy vSRX clusters dedicated to each customer's serversD. Replace the physical firewall cluster with a higher-performance firewall

Correct Answer: C

QUESTION 21
You are working on a network design that will use EX Series devices as Layer 2 access switches in a campus environment. You must include Junos Space in your design. You want to take advantage of security features supported on the devices.

Which two security features would satisfy this requirement? (Choose two.)

A. SDSN
B. Stateful Firewall
C. Access Control
D. ALG

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/ex-series-security-overview.html

QUESTION 22 You are designing a data center interconnect between two sites across a service provider Layer 2 leased line. The sites require Layer 2 connectivity between hosts, and the connection must be secure.

In this scenario, what will accomplish this task?

A. IRB VLAN routing
B. MACsec encryption
C. EVPN over IPsec
D. IPsec encryption

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/concept/macsec.html

QUESTION 23 You are designing a new campus Internet access service that implements dynamic NAT for customer IP addressing. The customer requires services that allow peer-to-peer networking and online gaming.

In this scenario, what will accomplish this task?

A. EVPN over IPsec
B. one-to-one NAT
C. stacked VLAN tagging
D. endpoint independent mapping

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:

QUESTION 24 You are designing a network management solution that provides automation for Junos devices. Your customer wants to know which solutions would require additional software to be deployed to existing Junos devices.

Which two solutions satisfy this scenario? (Choose two.)

A. SaltStack
B. Ansible
C. Puppet
D. Chef

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
You are asked to virtualize numerous stateful firewalls in your customer's data center. The customer wants the solution to use the existing Kubernetes-orchestrated architecture.

Which Juniper Networks product would satisfy this requirement?

A. vMX
B. vSRX
C. cSRX
D. CTP Series

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/csrx/topics/concept/security-csrx-kubernetes-overview.html

QUESTION 26
Your customer is getting ready to deploy a new WAN architecture. It must be simple to set up, address hub scaling concerns, and allow the automatic addition of new sites without requiring changes to the hub site. They want to deploy either AutoVPN or Auto Discovery VPN.

In this scenario, why would you propose Auto Discovery VPN as a solution?

A. Your customer requires direct spoke-to-spoke communication
B. OSPF support is required
C. Only Auto Discovery VPN supports the automatic addition of valid spokes
D. Your customer needs to configure the hub site only once

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
You are designing a solution to protect a service provider network against volumetric denial-of-service attacks. Your main concern is to protect the network devices.

Which two solutions accomplish this task? (Choose two.)
A. next-generation firewall
B. screens
C. intrusion prevention system
D. BGP FlowSpec

Correct Answer: CD

Section: (none)
Explanation

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

QUESTION 28 You have multiple SRX chassis clusters on a single broadcast domain.

Why must you assign different cluster IDs in this scenario?

A. to avoid MAC address conflicts
B. to avoid control link conflicts
C. to avoid node numbering conflicts
D. to avoid redundancy group conflicts

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/release-independent/nce/topics/example/chassis-cluster-srx-full-mesh-configuring.html#:~:text=If%20you%20have%20multiple%20SRX,other%20device%20is%20node%201.

QUESTION 29 You are implementing Routing Engine protection, and packets are processed in a specific order.

In this scenario, which function processed a received packet last?

A. loopback interface input policer
B. loopback interface input firewall filter
C. physical interface input firewall filters
D. physical interface input policer

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/partners/ibm/junos11.4-oemlitedocs/config-guide-firewall-policer.pdf

QUESTION 30
You are creating a security design proposal for a customer who is connecting their headquarters to a remote branch site over an unsecured Internet connection. As part of your design, you must recommend a solution to connect these sites together and ensure that the communication is secured and encrypted.

In this scenario, which solution do you recommend?

A. GRE
B. XMPP
C. IPsec
D. MPLS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31

You are required to design a university network to meet the conditions shown below.
▪ Users connected to the university network should be able to access the Internet and the research department lab network. ▪ The research department lab network should not be able to reach the Internet.

Which three actions satisfy the design requirements? (Choose three.)

A. Use a global permit policy for Internet traffic
B. Use a global deny security policy for the research lab
C. Use separate security zones for each department
D. Use the default deny security policy for the research lab
E. Use a static NAT rule between the internal zones for the research lab
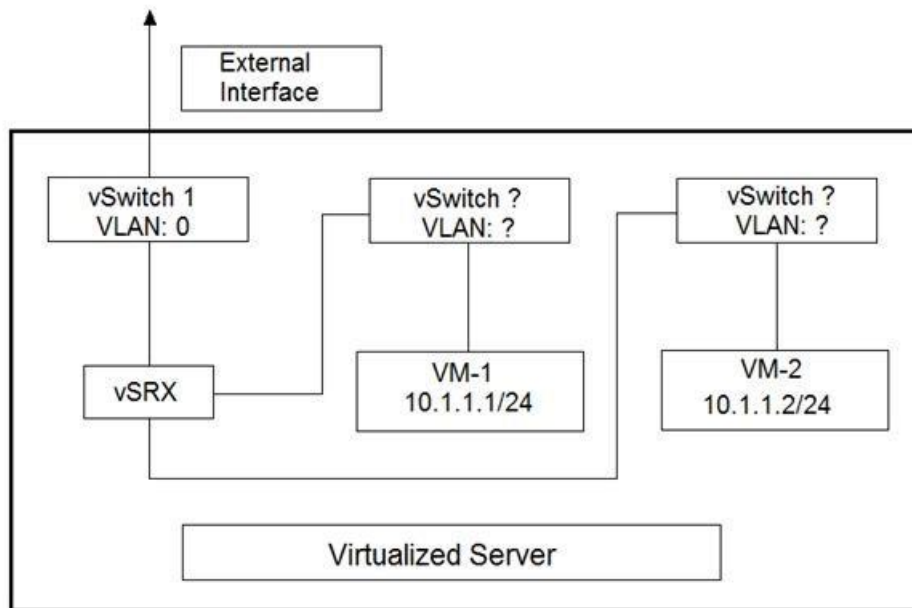
Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Click the Exhibit button.

You are designing the virtualized server deployment shown in the exhibit in your data center. The vSRX device is acting as a Layer 2 firewall and the two VMs must communicate through the vSRX device.

Which two actions must you perform to accomplish this task? (Choose two.)

A. Place both VMs in the same vSwitch
B. Place both VMs in the same VLAN
C. Place both VMs in different vSwitches
D. Place both VMs in different VLANs

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33 Which two protocols are supported natively by the Junos automation stack?
(Choose two.)

A. NETCONF
B. PyEZ
C. Jenkins
D. CIP

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34 Which solution centralizes the management of security devices in your
data center?

A. Juniper Networks Secure Analytics
B. J-Web
C. Junos Space Security Director
D. Junos CLI

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35 Which solution provides a certificate based on user identity for
network access?

A. network access control
B. user firewall
C. IP filtering
D. MAC filtering

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-user-auth-control-network-access.html

QUESTION 36
You are concerned about users downloading malicious attachments at work while using encrypted Web mail. You want to block these malicious files using your SRX Series device.

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

A. SSL reverse proxy
B. SSL forward proxy
C. Sky ATP SMTP scanning
D. Sky ATP HTTP scanning

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
You are designing an enterprise WAN network that must connect multiple sites. You must provide a design proposal for the security elements needed to encrypt traffic between the remote sites.

Which feature will secure the traffic?

A. BFD
B. OSPF
C. GRE
D. IPsec

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38 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
Section: (none)
Explanation

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

QUESTION 39 You are designing a corporate WAN using SRX Series devices as a combined firewall and router
at each site.

Regarding packet-mode and flow-mode operations in this scenario, which statement is true?

A. Packet-mode on SRX Series devices is required for deep packet inspection
B. Packet-mode is only supported on high-end SRX Series devices
C. An SRX Series device in flow-mode cannot forward packet-mode traffic
D. Flow-mode on SRX Series devices is required for security services

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-srx-devices-processing-overview.xml.html

QUESTION 40
You are asked to include anti-malware features into an existing network design. Traffic from the infected machines must be moved to a quarantined VLAN.

Which product will provide this segregation?

A. screens
B. Sky ATP
C. unified threat management
D. Software Defined Secure Network

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/release-independent/sky-atp/information-products/pathway-pages/sky-atp-admin-guide.pdf

QUESTION 41 Policy Enforcer provides
which benefit?

A. log management
B. command and control protection
C. centralized management of security devices
D. IPsec encryption

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42 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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43 You work for an ISP that wants to implement remote-triggered black hole
(RTBH) filters.

What are three considerations in this scenario? (Choose three.)

A. Source RTBH can block legitimate traffic on the network
B. BGP FlowSpec improves the RTBH model by implementing dynamic firewall filters
C. Source RTBH requires uRPF to be implemented on the service provider's network core
D. Destination RTBH requires uRPF to be implemented on the service provider's network edge
E. Destination RTBH essentially completes the attack on the victim's IP

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
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
Section: (none)
Explanation

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

QUESTION 45
You are designing an SDSN 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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46 You are designing a data center interconnect between two sites across a service provider Layer 3 VPN service. The sites require Layer 2 connectivity between hosts, and the connection must be secure.

In this scenario, what will accomplish this task?

A. EVPN over IPsec
B. MACsec encryption
C. SSL VPN encryption
D. stacked VLAN tagging

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
You have a campus location with multiple WAN links. You want to specify the primary link used for your VoIP traffic.

In this scenario, which type of WAN load balancing would you use?

A. BGP

B. OSPF
C. FBF
D. ECMP

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-application-advanced-policy-based-routing.html

QUESTION 48 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
Section: (none)
Explanation

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

QUESTION 49 In a data center, what are two characteristics of access tier VLAN termination on the aggregation tier?
(Choose two.)

A. Multiple VLANs can be part of one security zone
B. A security zone is limited to a single VLAN
C. Inter-VLAN traffic within a zone can bypass firewall services
D. Inter-VLAN traffic is secured through firewall services

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50 What is the maximum number of SRX Series devices in a chassis cluster?

A. 2
B. 3
C. 4
D. 5

Correct Answer: A
Section: (none)
Explanation
Explanation/Reference:
Reference: https://www.oreilly.com/library/view/juniper-srx-series/9781449339029/ch07.html

QUESTION 51 You want to deploy a VPN that will connect branch locations to the main office. You will eventually add additional branch locations to the topology, and you must avoid additional configuration on the hub when those sites are added.

In this scenario, which VPN solution would you recommend?

A. Site-to-Site VPN
B. Hub-and-Spoke VPN
C. AutoVPN
D. Group VPN

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/assets/us/en/local/pdf/solutionbriefs/3510477-en.pdf

QUESTION 52 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
Section: (none)
Explanation

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

QUESTION 53
You are working with a customer to create a design proposal using SRX Series devices. As part of the design, you must consider the requirements shown below: ▪
You must ensure that every packet entering your device is independently inspected against a set of rules.
▪ You must provide a way to protect the device from undesired access attempts.
▪ You must ensure that you can apply a different set of rules for traffic leaving the device than are in use for traffic entering the device.

In this scenario, what do you recommend using to accomplish these requirements?

A. firewall filters
B. intrusion prevention system
C. unified threat management
D. screens

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/example/firewall-filter-stateless-example-trusted-source-block-telnet-and-ssh-access.html

QUESTION 54 Which statement is correct about
service chaining?

A. Service chaining uses IPsec to connect together two or more VMs
B. Service chaining evaluates traffic by using multiple security features on the same instance
C. Service chaining redirects traffic back through the same device for additional processing
D. Service chaining combines multiple VNF instances together in the data flow

Correct Answer: D

Explanation/Reference:

QUESTION 55
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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
You have a site that has two Internet connections but no switch on the outside of the firewall. You want to use ISP-A over ISP-B during normal operations.

Which type of chassis cluster design would you propose to satisfy this requirement?

A. Propose active/active cluster deployment with separate redundancy groups
B. Propose active/passive cluster deployment with separate redundancy groups
C. Propose active/active cluster deployment without separate redundancy groups
D. Propose active/passive cluster deployment without separate redundancy groups

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/release-independent/nce/topics/example/chassis-cluster-srx-active-active-configuring.html

QUESTION 57
You are designing a data center security architecture. The design requires automated scaling of security services according to real-time traffic flows.

Which two design components will accomplish this task? (Choose two.)

A. telemetry with an SDN controller
B. JFlow traffic monitoring with event scripts
C. VNF security devices deployed on x86 servers
D. VRF segmentation on high-capacity physical security appliances

Correct Answer: BC
Section: (none)
Explanation
Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/learn-about/LearnAbout_NFV.pdf

QUESTION 58
You are deploying Security Director with the logging and reporting functionality for VMs that use SSDs. You expect to have approximately 20,000 events per second of logging in your network.

In this scenario, what is the minimum number of log receiver devices that you should use?

A. 4
B. 3
C. 2
D. 1

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos-space17.1/topics/task/multi-task/junos-space-sd-log-collector-installing.html

QUESTION 59
You are asked to design a secure enterprise WAN where all payload data is encrypted and branch sites communicate directly without routing all traffic through a central hub.

Which two technologies would accomplish this task? (Choose two.)

A. group VPN
B. AutoVPN
C. MPLS Layer 3 VPN
D. Auto Discovery VPN

Correct Answer: CD
Section: (none)
Explanation

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

QUESTION 60 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
Section: (none)
Explanation

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

QUESTION 61
You are asked to deploy a security solution in your data center that ensures all traffic flows through the SRX Series devices.

Which firewall deployment method meets this requirement?

A. one-arm
B. two-arm
C. transparent
D. inline

Correct Answer: D

Explanation/Reference:
Reference: https://www.juniper.net/us/en/local/pdf/implementation-guides/8010046-en.pdf

QUESTION 62 You want to deploy JATP in your network that uses SRX
Series devices.

In this scenario, which feature must you enable on the SRX Series devices?

A. SSL forward proxy
B. AppSecure
C. UTM antivirus
D. IPS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/release-independent/jatp/topics/concept/jatp-srx-integration-getting-started.html

QUESTION 63
You are asked to design a security solution for your client's new two-tier data center. The client has a need for some flows to bypass firewall inspection entirely.

Where should the firewall be deployed in this data center?

A. inline, between the core switches and the access switches
B. inline, between the core switches and the edge routers
C. one-arm configuration, connected to the core switches
D. one-arm configuration, connected to each access switch

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.juniper.net/us/en/local/pdf/implementation-guides/8010046-en.pdf

QUESTION 64 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
Section: (none)
Explanation
Explanation/Reference:
Reference: https://www.juniper.net/documentation/en_US/junos/topics/topic-map/security-auto-discovery-vpns.html

QUESTION 65
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
Section: (none)
Explanation

Explanation/Reference: