Exam Code: JN0-1362

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Exam A

QUESTION 1
Your customer wants to enable their MX Series core so that a controller can dynamically manage their LSPs.
Which protocol provides this capability?

A. BGP-LU

B. PCEP

C. PCRF

D. BGP-LS

Correct Answer: B
Section:

QUESTION 2
What are two ways to provider redundancy in a WAN design to address physical failures? (Choose two.)

A. Select products that use MC-LAG.

B. Select products with different types of MICs.

C. Select products that use multiple Routing Engines.

D. Select products with different versions of firmware.

Correct Answer: B, D
Section:

QUESTION 3
You work for a service provider that offers Layer 2 services. One of the customers is purchasing Layer 2 VPN services to interconnect several sites.
In this scenario, which two functions are provided by the PE router? (Choose two)

A. It maintains all customer Layer 3 routing information.

B. It selects the appropriate Layer 2 VPN in the service provider network.

C. It maintains an MP-BGP session with each customer site to exchange customer routing information

D. It maintains MPLS LSPs between the sites.

Correct Answer: A, C
Section:

QUESTION 4
You are asked to create a point-to-multipoint DCI that does not overwhelm the data plane with MAC learning traffic.
Which protocol would you use in this situation?

A. VPLS

B. PPTP

C. EVPN

D. pseudowire

Correct Answer: A
Section:

QUESTION 5
You are designing the physical redundancy for a service provider network and are checking for potential risks due to fate sharing.
Which two sources of fate sharing should you examine in this scenario? (Choose two.)

A. hardware vendor
B. MPLS LSP
C. building location
D. fiber conduit

Correct Answer: B, C
Section:

QUESTION 6
Which three statements are true about class-of-service (CoS) schedulers? (Choose three)

A. Schedulers determine into which queue a packet should be assigned.
B. Schedulers determine the packet transmission rate for each queue.
C. Schedulers determine the packet markings that are used to prioritize traffic.
D. Schedulers determine how packets are handled during times of congestion.
E. Schedulers determine the size of buffer assigned to each queues.

Correct Answer: A, B, D
Section:

QUESTION 7
You are developing a CoS policy for a service provider core network that In this scenario, which three statements are correct? (Choose three.)

A. Core routers should use a common set of per-hop behaviors.
B. Core routers should use shapers to ensure that customer traffic does not exceed allowed bandwidth.
C. Core routers should use policers to ensure that customer traffic does not exceed allowed bandwidth.
D. Core routers should use a consistent CoS configuration across the network.
E. Core routers should use the DSCP markings already set on ingress traffic.

Correct Answer: A, C, E
Section:

QUESTION 8
A customer wants to consolidate all remote site connections into a single enterprise WAN for backhual to the corporate headquarters and data centers.
Which solution satisfies this requirement?

A. private WAN
B. WAN aggregation

C. Data Center Interconnect

D. Internet edge

Correct Answer: C
Section:

QUESTION 9
You are asked to provide a design proposal for a service provider network that will need to support both IPv4 and IPv6 traffic across your IPv4 core. You do not want to change the core design.
In this scenario, what are two solutions that you would implement at the peering edge? (Choose two.)

A. 6PE

B. NAT64

C. GRE tunneling

D. native IPv6 routing

Correct Answer: A, D
Section:

QUESTION 10
You work for a service provider who wants to provide a service to your customers consisting of VoIP, live TV, video on demand (VoD), and data services You want to use a hybnd VLAN model for this service Which VLAN assignments would be used for this deployment?

A. Video services will reside in a shared video VLAN. and the customer willHjttlttjftvo data VLANs assigned, one for voice and one for data.

B. Live TV will be multicast to all customers, video on demand, voice, and data will share a customer specific VLAN.

C. Live TV will be multicast to all customers, video on demand and data will share a customer specific VLAN, VoIP will use a shared VLAN utilizing private VLANs to talk to a telephony server.

D. Live TV and VoD will be in the same shared VLAN with Live TV on a multicast stream and VoD unicast, voice and data will reside in a customer specific VLAN.

Correct Answer: C
Section:

QUESTION 11
A customer requests that you design their Layer 3 VPN solution so that all site-to-site traffic goes through a central site, in a hub-and-spoke fashion You must choose between using one or two interfaces on the hub WAN link.
In this scenario, which solution would you use?

A. Use two interfaces on the hub WAN link to allow traffic to go from the spokes to the hub on one interface and from the hub to the spokes on the other interface.

B. Use two interfaces on the hub WAN link to reserve one interface for higher Priority traffic.

C. Use one interface on the hub WAN link, since both hub and spoke sites will require a second VRF for route-leaking purposes.

D. Use one interface on the hub WAN link to ensure simplicity, since only a single route target is required across the entire Layer 3 VPN.

Correct Answer: D
Section:

QUESTION 12
You are responding to an RFP that proposes using MX Series devices for subscriber management services.
In this scenario, which two protocols should you consider for the AAA components? (Choose two)

A. RADIUS

B. PPPoE

C. DHCP

D. Diameter

Correct Answer: A, C
Section:

QUESTION 13
What are two risks when using a source-based RTBH solution? (Choose TWO)

A. The attacker address could be a CGNAT address resulting in a larger service outage for users.

B. The target of the attack may not support RTBH.

C. The attacker's address could be unknown.

D. The target of an attack would be blocked resulting in a target being offline.

Correct Answer: A, B
Section:

QUESTION 14
As a service provider network architect, you are working with a potential customer who wants to replace their WAN, consisting of two data centers, one HQ, and 76 branch offices Due to application latency requirements between branch offices, the customer insists that all traffic must take the most optimal path through the service provider network. The customer intends to encrypt all traffic between customer routers at each location. Which WAN technology would you propose in this scenario?

A. point-to-point Layer 2 VPNs

B. Layer 3 VPN

C. Internet as WAN

D. H-VPLS

Correct Answer: C
Section:

QUESTION 15
Which statement is correct about learning remote host MAC addresses when your DCI is based on EVPN?

A. No MAC learning by the provider edge (PE) device is performed

B. Static MAC configuration on the provider edge (PE) device is perform

C. Data plane MAC learning by the provider edge (PE) device is performed.

D. Control plane MAC learning by the provider edge (PE) device

Correct Answer: C
Section:

QUESTION 16
You are designing a full mesh of connections between multiple enterprise In this scenario, which two statements are correct? (Choose two.)

A. Security and Internet control is applied at a central location

B. All sites are able to communicate directly with each other

C. It is easier for administrators to enforce application-aware services with a single point of management.

D. IPsec tunnels can be used to secure traffic between sites.

Correct Answer: A, B
Section:

QUESTION 17
According to Juniper Networks, which two statements describe OoB network design best practices?
(Choose two.)

A. Ensure that all users are authenticated using individual accounts and credentials.

B. Ensure that the management network is accessible through the production network.

C. Ensure that the management network uses a unique IP network.

D. Ensure that only console ports are used to manage devices.

Correct Answer: C, D
Section:

QUESTION 18
Your customer is deploying a multitenant data center and needs help with the WAN edge design.
What are two mam design considerations for this environment? (Choose two.)

A. control plane redundancy

B. NAT requirements

C. unified threat management

D. Virtual Chassis Control Protocol

Correct Answer: B, C
Section:

QUESTION 19
Since deploying VPLS, you notice an unusually high level of traffic In your nine topology. On further inspection, you determine that broadcast traffic is causing the problem. The traffic is legitimate.
Nevertheless, you are asked to look into options that allow the network to scale.
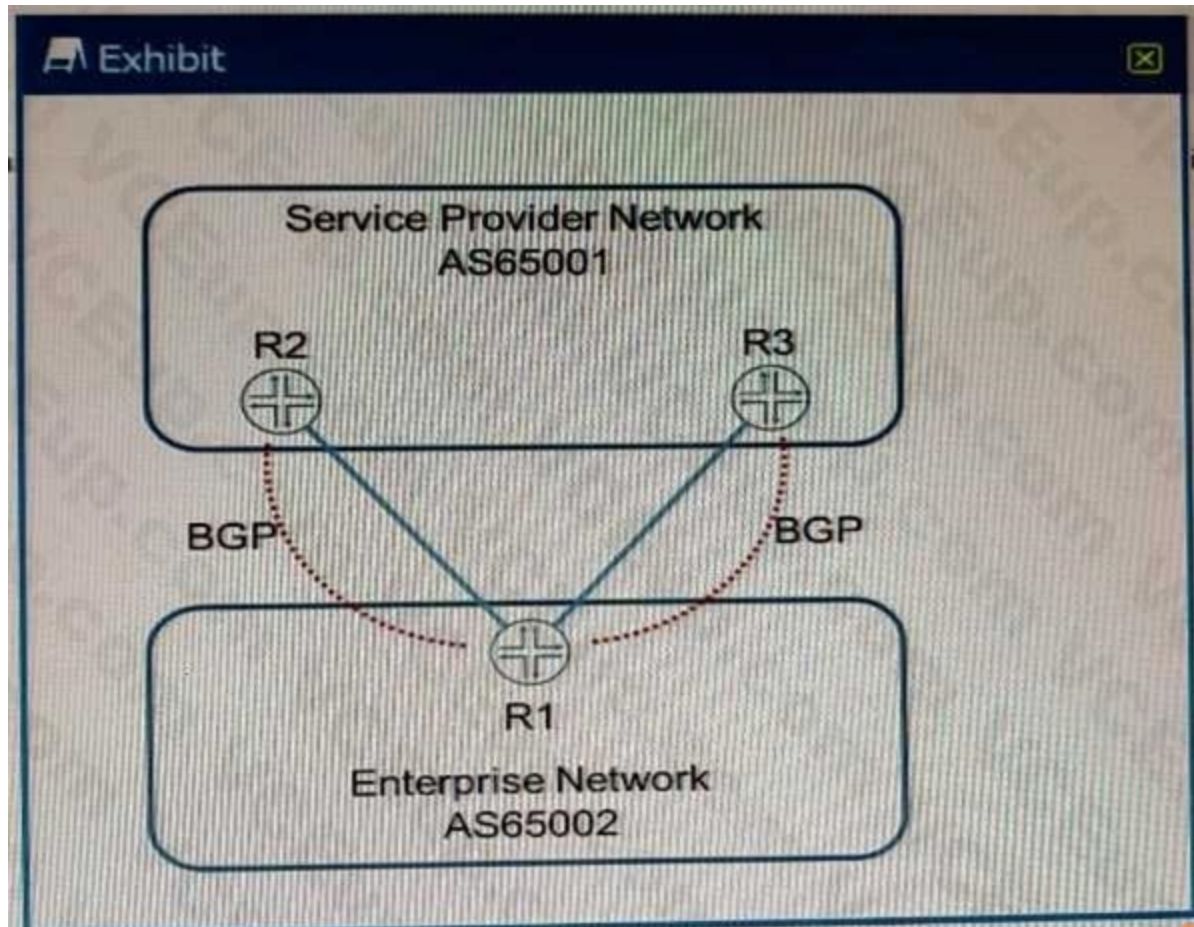In this scenario, what would you do to solve the problem?

A. Mark broadcast traffic with a high drop priority.

B. Move from LDP-signaled VPLS to BGP-signaled VPLS.

C. Add a broadcast policer and an unknown unicast policer to each VPLS.

D. Deploy P2MP LSPs.

Correct Answer: D
Section:

QUESTION 20
Click the Exhibit button:

Referring to the exhibit, which mechanism is used to advertise routes from the enterprise network to the service provider network?

A. BGP flowspec
B. BGP export policies
C. BGP import policies
D. firewall filters

Correct Answer: C
Section:

QUESTION 21
A customer reports a network outage at a branch office after users have reported intermittent Internet connectivity Upon further investigation, you determine that there is significant packet loss and that the majority of traffic on the
WAN consists of DNS responses from many different sources.
In this scenario, which design consideration would reduce further occurrences with minimal chance of affecting valid traffic?

A. Implement CGNAT
B. Create a firewall filter to drop all traffic to the affected destination address of the attack
C. Create a firewall filter to drop all traffic based on the source addresses of the attack.
D. Configure BGP flowspec.

Correct Answer: A
Section:

QUESTION 22

You must build a portable and customizable template to secure the What are two components of this template? (Choose two)

A. stateful firewall policy
B. generic policers
C. routing policy
D. firewall filter

Correct Answer: C, D
Section:

QUESTION 23
Your company is a large ISP that is upgrading their routers As part of the upgrade project, they want to implement a solution that will improve the effectiveness of their current RTBH solution for handling spoofed IP addresses coming across the WAN.
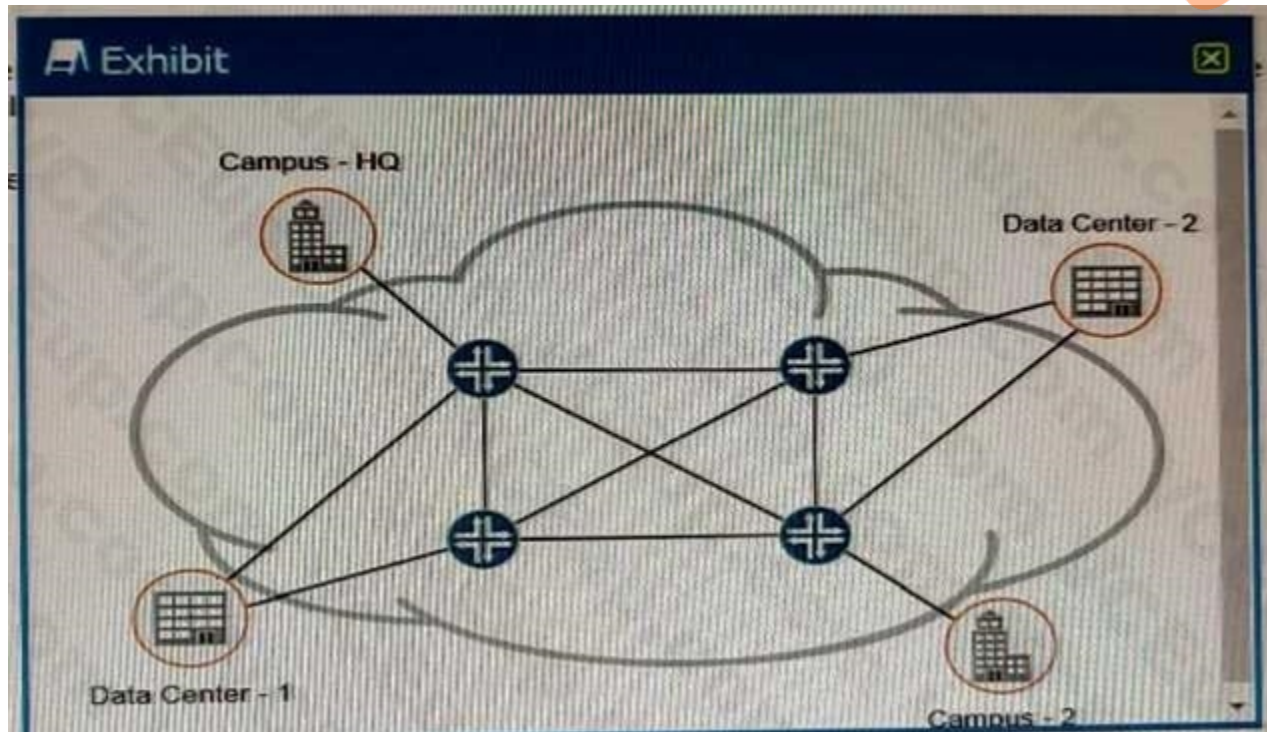Which action would satisfy their requirement?

A. Implement manual firewall policies
B. Implement unicast RPF
C. Implement MACsec.
D. Implement EVPN

Correct Answer: D
Section:

QUESTION 24
Exhibit.

You want to design a VPN service that will allow your enterprise the ability to span their VLANs between the four sites shown in the exhibit, while allowing point-to-multipoint connectivity.
Which two MPLS VPN technologies allow this type of functionality (Choose two.)

A. EVPN
B. Layer 2 VPN

C. VPLS

D. Layer 3 VPN

Correct Answer: A, D
Section:

QUESTION 25
You belong to an organization consisting of multiple sites. Your topology is constantly changing. You need a method of encrypting traffic between sites.
Which technology enables you to add new sites without reconfiguring existing sites?

A. IPsec Auto VPN with ADVPN

B. mesh IPsec overlay VPN

C. point-to-point IPsec VPN

D. hub-and-spoke IPsec VPN

Correct Answer: C
Section:

QUESTION 26
In your class-of-services design, you are using a multified classifier on your WAN edge devices to ensure that traffic is properly classified entering your network. You are asked to ensure that all packets traversing your core will be handled in the same manner without using firewall filters.
Given this scenario, which statement is correct?

A. You should use forwarding classes to property mark all DiffServ values because traffic is entering your core devices.

B. You should use rewrite rules to properly mark all DiffServ values because traffic is entering your core devices from your edge

C. You should use a scheduler on all core devices to property classify incoming traffic to ensure it is handled the same.

D. You should use a behavior aggregate (BA) classifier on all core devices to ensure incoming traffic is handled the same.

Correct Answer: D
Section:

QUESTION 27
A customer wants to use the Internet to connect to a large number of remote sites. They want a solution that is easy to use and one that provides secure connectivity.
Which technology will meet these requirements?

A. generic routing encapsulation (GRE)

B. equal-cost multipath (ECMP)

C. Link Layer Discovery Protocol (LLDP)

D. Auto Discovery VPN (ADVPN)

Correct Answer: A
Section:

QUESTION 28
You are receiving the same routes from two different equal-cost EBGP peers. Instead of choosing one single best path, you want to design your network to accept both routes and load-balance between them.
Which BGP concept would you use to facilitate this request?

A. next-hop self
B. multi-hop
C. addpath
D. multipath

Correct Answer: D
Section:

QUESTION 29
You are asked to provide a design proposal for a service provider's core network. The network consists of both IPv4 and IPv6 addresses and must scale up to 50 core routing devices.
In this scenario, which statement is correct regarding the IGP design?

A. You can use OSPFv2 for IPv4 and OSPFv3 for IPv6 at the same time.
B. You must use OSPFv3 to support both address families.
C. You can use OSPFv2 to support both address families.
D. You must use IS-4S to support both address families.

Correct Answer: D
Section:

QUESTION 30
You are deploying new WAN services between two routers and you are required to encrypt all traffic at Layer 2 Which solution would satisfy this requirement?

A. 802.1X
B. MACsec
C. IPsec
D. RADIUS

Correct Answer: A
Section:

QUESTION 31
A new customer asks that you extend their LAN across your WAN The customer wants to retain administrative control over all routing in their network.
Which two architectures would meet this requirement? (Choose two.)

A. public Internet
B. Layer 2 VPN
C. Layer 3 VPN
D. VPLS

Correct Answer: B, D
Section:

QUESTION 32
You are creating a WAN solution design for an enterprise customer. The customer will be connecting three sites in different locations. The customer wants all of the sites to be part of the same Layer 2 network.
In this scenario, what are two valid connection methods you would provide in your design? (Choose two.)

A. NG-MVPN
B. leased line
C. IPsecVPN
D. EVPN

Correct Answer: C, D
Section: