

# 400-007<sup>Q&As</sup>

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### QUESTION 1

A service provider hires you to design its new managed CE offering to meet these requirements

The CEs cannot run a routing protocol with the PE

Provide the ability for equal or unequal ingress load balancing in dual-homed CE scenarios.

Provide support for IPv6 customer routes

Scale up to 250,000 CE devices per customer.

Provide low operational management to scale customer growth.

Utilize low-end (inexpensive) routing platforms for CE functionality.

Which tunneling technology do you recommend?

- A. FlexVPN
- B. point-to-point GRE
- C. DMVPN
- D. LISP

Correct Answer: C

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### QUESTION 2

You are designing the QoS policy for a company that is running many TCP-based applications. The company is experiencing tail drops for these applications. The company wants to use a congestion avoidance technique for these applications. Which QoS strategy can be used to fulfill the requirement?

- A. weighted fair queuing
- B. weighted random early detection
- C. low-latency queuing
- D. first-in first-out

Correct Answer: B

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### QUESTION 3

What is a description of a control plane action?

- A. de-encapsulating and re-encapsulating a packet in a data-link frame
- B. matching the destination MAC address of an Ethernet frame to the MAC address table
- C. matching the destination IP address of an IP packet to the IP routing table
- D. hosts locating routers that reside on attached links using the IPv6 Neighbor Discover Protocol

Correct Answer: D

The neighbor discovery process is that part of the control plane that implements the Neighbor Discovery Protocol.

Bottom of page 40: <https://www.juniper.net/documentation/us/en/software/junos/neighbor-discovery/neighbor-discovery.pdf>

#### QUESTION 4

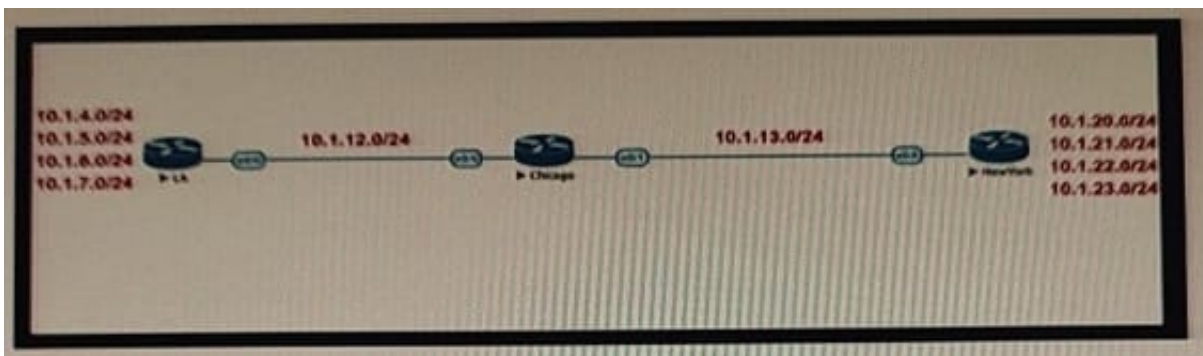
A network architect must redesign a service provider edge, where multiservice and multitenant PEs are currently present. Which design feature should be minimized in the new design to achieve reliability?

- A. bridging
- B. fate sharing
- C. redundancy
- D. unicast overlay routing

Correct Answer: B

#### QUESTION 5

Refer to the exhibit.



Company XYZ BGP topology is as shown in the diagram. The interface on the LA router connected toward the 10.1.5.0/24 network is faulty and is going up and down, which affects the entire routing domain. Which routing technique can the network administrator use so that the rest of the network is not affected by the flapping issue?

- A. The LA administrator should use route aggregation to summarize the 10.1.4.0/24, 10.1.5.0/24, 10.1.6.0/24, and 10.1.7.0/24 networks toward Chicago

B. The LA administrator should use route dampening for the 10.1.5 0/24 network so that it does not get propagated when it flaps up and down.

C. The LA administrator should use route filtering to block the 10.1.5.0/24 network from getting propagated toward Chicago and New York.

D. The Chicago administrator should use route filtering to block the 10.1.5.0/24 network from coming in from the LA router.

Correct Answer: B

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