



# 4A0-100<sup>Q&As</sup>

Alcatel-Lucent Scalable IP Networks

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### QUESTION 1

What is the purpose of the source and destination ports in the TCP header?

- A. These ports identify the physical location of the sender and the receiver on the IP router.
- B. These ports are used as addresses to communicate with the IP layer.
- C. TCP does not use source or destination ports.
- D. These ports are used as an address to identify the upper layer application using the TCP connection.

Correct Answer: D

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### QUESTION 2

Which of the following best describes a repeater?

- A. A passive device simply used to connect two or more cables. It does not generate or amplify any signals.
- B. A device that receives and retransmits a signal out its ports but does not do any Layer 2 analysis of the data.
- C. A device that receives a signal and based on the Layer 2 destination address, makes a decision on which ports the signal should be retransmitted.
- D. A device that receives a signal and based on the Layer 3 destination address makes a decision on which ports the signal should be retransmitted.

Correct Answer: B

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### QUESTION 3

How does a VPRN service avoid the problem of overlapping IP addresses from different customers?

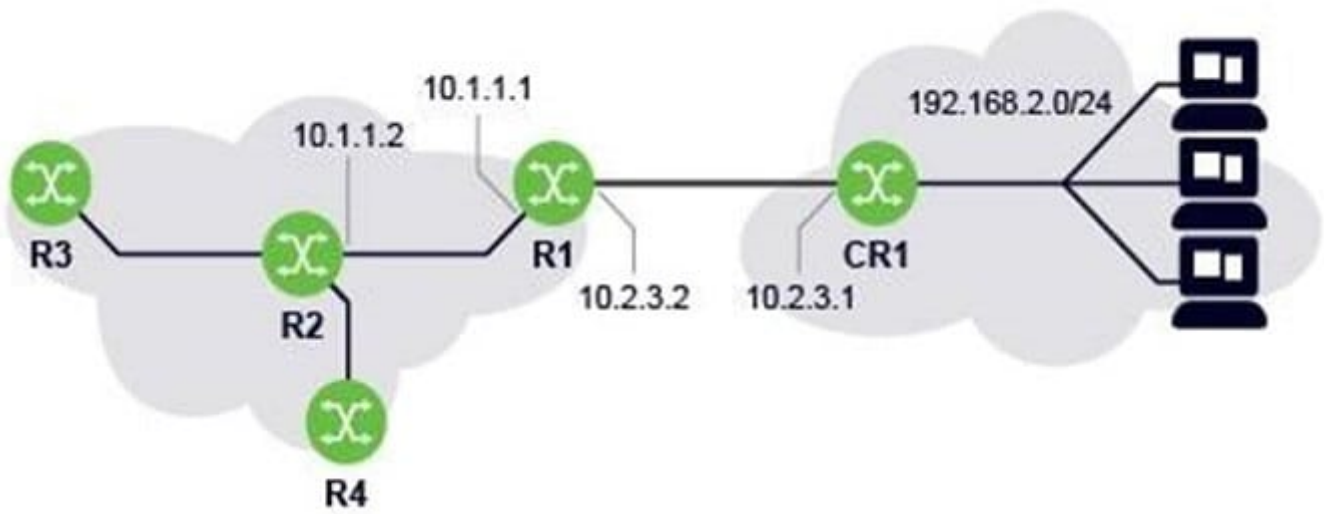
- A. You cannot have overlapping IP addresses. The service provider must ensure that its customers are all using discrete IP address space.
- B. Each VPRN service maintains a separate VPN routing and forwarding instance to separate customer routing information.
- C. A VPRN will ignore IP addressing information and use MAC addressing instead which are always unique.
- D. A VPRN will translate customer IP addresses to a private addressing scheme administered by the service provider.

Correct Answer: B

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### QUESTION 4

What next-hop should be used on CR1 to configure a default route to router R1?



- A. 10.2.3.2
- B. 10.2.3.1
- C. 192.168.2.0
- D. 10.1.1.1

Correct Answer: A

#### QUESTION 5

Which of the following statements describes the purpose of the Transport Layer in the TCP/IP stack?

- A. Provides a data transport service to higher protocol layers.
- B. Provides a data transport service for routing and control protocols such as OSPF and ICMP.
- C. Provides a universal address plan to uniquely identify every device in the network.
- D. Defines a standard method for framing data for transmission on the physical network medium.

Correct Answer: A

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