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Question 1

Question Type: MultipleChoice

Which of the following regarding MPLS encapsulation for VPRN services is TRUE?

Options:

- A- The customer's Layer 3 header is removed at the iLER
- B- The customer's Layer 2 header is removed at the iLER
- C- The customer's Layer 3 header is removed at the eLER
- D- The customer's Layer 2 header is removed at the eLER



Answer:

Α

Question 2

Question Type: MultipleChoice

Which of the following about the Link LDP discovery process on the Alcatel-Lucent 7750 SR is FALSE?

Options:

- A- LDP Hello messages are sent over TCP
- B- LDP Hello messages are sent to the All Routers address 224.0.0.2.
- C- LDP Hello messages are exchanged between all directly connected LDP enabled routers.
- D- Each LDP enabled router must have its own unique system IP address.

Answer:

Δ

Question 3

Question Type: MultipleChoice

An LSP is configured with a fully loose path and CSPF is not enabled. An LSR receives the first

PATH message for this LSP. Which of the following is NOT performed by the LSR?

Options:

- A- The LSR regenerates and forwards a new PATH message.
- B- The LSR stores the PATH message in the PSB.
- C- The LSR forwards the PATH message based on the HOP object in the RSB.
- D- The LSR looks up the PATH message's destination IP address in the FIB.



Question 4

Question Type: MultipleChoice

Which of the following best describes downstream on demand label distribution?

Options:

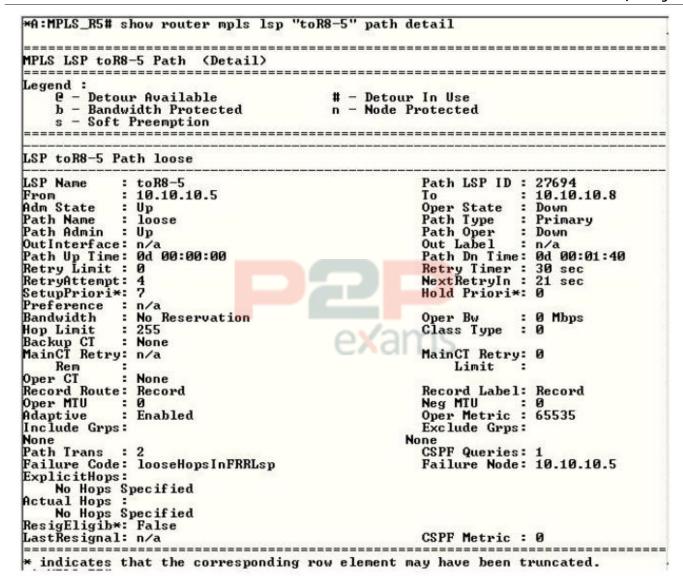
- A- An LSR answers requests for label mappings immediately, without waiting for a label mapping from the next-hop.
- B- An LSR advertises label mappings to all peers for which it might be a next-hop for a given FEC
- C- An LSR distributes a label mapping for a FEC when it has been requested to do so.
- D- An LSR propagates a label mapping downstream for a FEC. only if it has a label mapping for the FEC's next-hop.

Answer:

Question 5

Question Type: MultipleChoice

Click on the exhibit.



LSP " to R8-5 " requests fast reroute protection. What could be done to remove the Failure Code shown?

Options:

- A- The LSP must be enabled with CSPF on the head-end router.
- B- Fast reroute must be enabled on the downstream routers.
- C- A mixture of strict and loose hops must be defined in the primary path.
- D- CSPF and fast reroute must be enabled on all downstream routers.

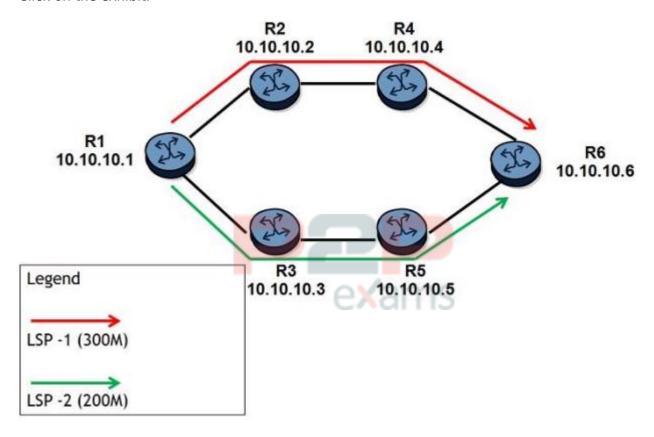
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Α

Question 6

Question Type: MultipleChoice

Click on the exhibit.



All links have 1 Gbps unreserved bandwidth initially and all LSPs have the least-fill feature enabled. After the two LSPs have been signaled as shown, two additional LSPs are configured.

LSP-3 is signaled first with 50Mbps reserved. LSP-4 is signaled after with 400Mbps reserved.

Which paths will CSPF choose for LSP-3 and LSP-4?

Options:

- A- Both LSP-3 and LSP-4 take R1-R2-R4-R6.
- B- Both LSP-3 and LSP-4 take R1-R3-R5-R6.
- C- LSP-3 takes R1-R3-R5-R6 and LSP-4 takes R1-R2-R4-R6.
- D- LSP-3 takes R1-R2-R4-R6 and LSP-4 takes R1-R3-R5-R6.
- E- CSPF randomly chooses one of the equal cost paths for the two LSPs.

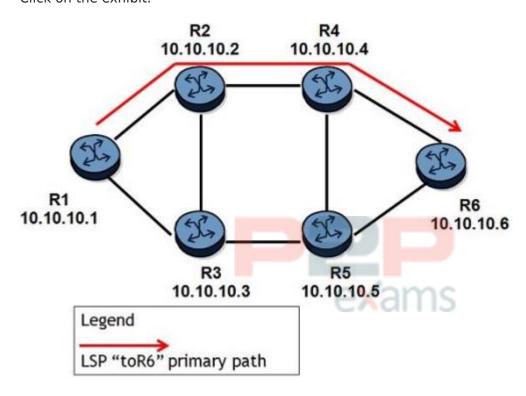
Answer:

В

Question 7

Question Type: MultipleChoice

Click on the exhibit.



An LSP path is established on router R1 toward router R6. If there is a problem on router R4, but the link between R2 and R4 remains up, which of the following will affect the failure detection time?

Options:

- A- The time router R2 takes to receive a PATH Error message from router R4.
- B- The time router R2 takes to find out a number of RSVP Hello messages have been missed.
- C- The time router R2 takes to send a PATH Tear message to the head-end router.
- D- The time router R2 takes to receive a PATH message from router R4 after a PATH refresh interval.

Answer:

В

Question 8

Question Type: MultipleChoice

Which of the following about MPLS fast reroute is TRUE?

Options:

- A- Fast reroute is used when redundant links are not available.
- B- Fast reroute provides path protection close to the failure point.
- C- Fast reroute provides fast failure detection to the head-end router.
- D- Fast reroute protects both primary and secondary paths.

Answer:

В





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