

# DUMPS ARENA

## Alcatel-Lucent Multi Protocol Label Switching

Alcatel-Lucent 4A0-103

Version Demo

Total Demo Questions: 15

Total Premium Questions: 249

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## Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	59
Topic 2, Volume B	60
Topic 3, Volume C	60
Topic 4, Volume D	70
<b>Total</b>	<b>249</b>

**QUESTION NO: 1**

Assume that, on the Alcatel-Lucent 7750 SR, an LSP is configured with one-to-one FRR and node protection. Which of the following statements are FALSE? (Choose two)

- A. Each PLR signals a detour LSP that avoids the downstream node. If the downstream node cannot be avoided, a detour LSP that avoids the downstream link is signaled.
- B. The detour LSP can take one or more hops before merging back on the protected LSP.
- C. The merge point of the protected LSP must be the next-next-hop node
- D. The ingress router will set the local protection desired flag in the session attribute object of the path message to inform all routers along the protected LSP path to establish detour LSPs.
- E. The label recording desired flag must be set in the session attribute object in order for the PLR to know what label to swap when using the detour LSP.

**ANSWER: C E****QUESTION NO: 2**

Which of the following statements regarding RSVP refresh reduction are true? (Choose two)

- A. Message-IDs replace individual refresh messages.
- B. Refresh reduction applies only to reservation messages.
- C. RSVP generates a summary-refresh message for each LSP.
- D. An LSP state change causes an incremented Message-ID.

**ANSWER: A D****QUESTION NO: 3**

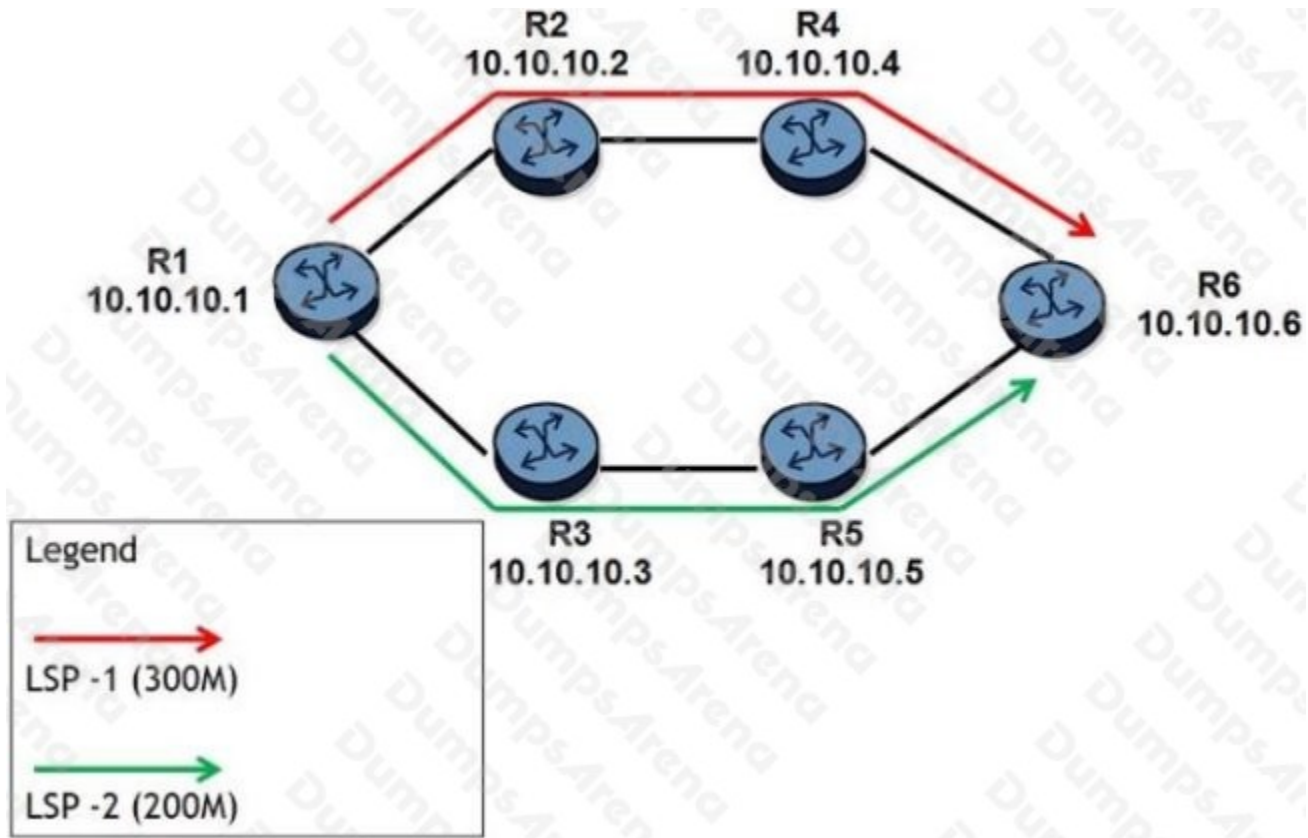
Which of the following regarding MPLS Encapsulation is FALSE?

- A. The customer's Layer 2 header is preserved at the iLER for Layer 2 services.
- B. The customer's Layer 2 Header is preserved at the iLER for Layer 3 services.
- C. The service provider's Layer 2 header is added at the iLER for Layer 2 services.
- D. The service provider's Layer 2 header is added at the iLER for Layer 3 services.

**ANSWER: B**

**QUESTION NO: 4**

Click on the exhibit.



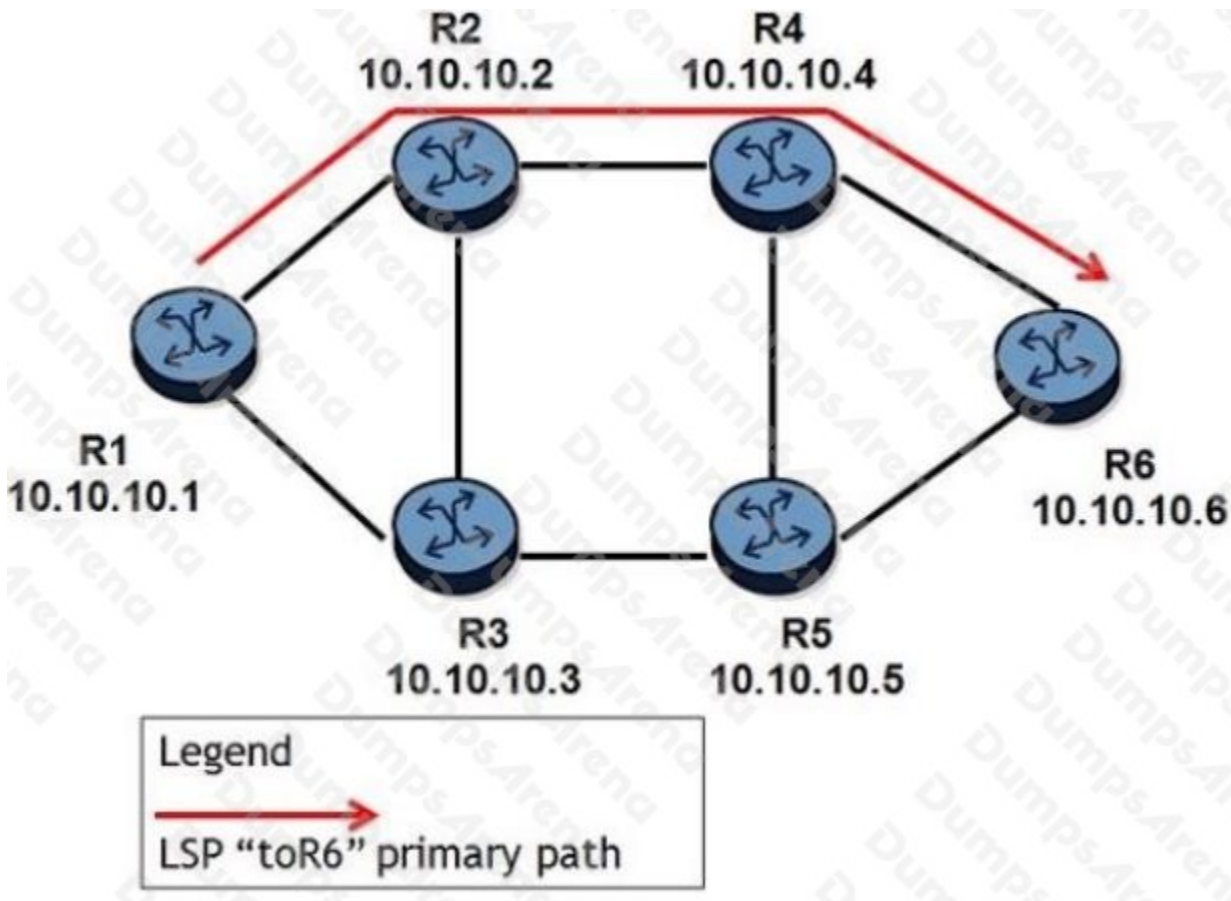
Initially, all links along the path R1-R2-R4-R6 have 400Mbps unreserved bandwidth and all links along the path R1-R3-R5-R6 have 800Mbps unreserved bandwidth. Shared Explicit reservation style is used and Make-Before-Break is enabled. Both fully loose LSPs have been signaled as shown. Later, the configured bandwidth for LSP-1 is changed to 400Mbps. Which of the following is TRUE?

- A. After a new path for LSP-1 is established on R1-R3-R5-R6, the old path is torn down.
- B. After the old path for LSP-1 is torn down, the new path is established on R1-R3-R5-R6.
- C. LSP-1 will stay on R1-R2-R4-R6 because there is enough bandwidth on the existing path.
- D. LSP-1 will be torn down because CSPF fails to find a new path.

**ANSWER: C**

**QUESTION NO: 5**

Click on the exhibit.



An LSP traverses R1-R2-R4-R6 and facility fast reroute with link protection is enabled. All links have the same cost. Which of the following about PLRs and MPs is TRUE?

- A. R1, R2, and R4 can be PLRs; R6 is the MP.
- B. R1, R2, and R4 can be PLRs; R2, R4, and R6 are MPs.
- C. R1, R2, R3, R4, and R5 can be PLRs; R6 is the MP.
- D. R1, R2, R3, R4, and R5 can be PLRs; R2, R4, and R6 is the MP.

**ANSWER: B**

#### QUESTION NO: 6

Which one of the following statements regarding the detour object transported in the detour path message is true?

- A. The PLR sends it downstream with the RRO.
- B. The PLR sends it downstream with the ERO.
- C. It associates all detours with the source PLR.
- D. The MP sends it upstream with the RESV message.

ANSWER: B

QUESTION NO: 7

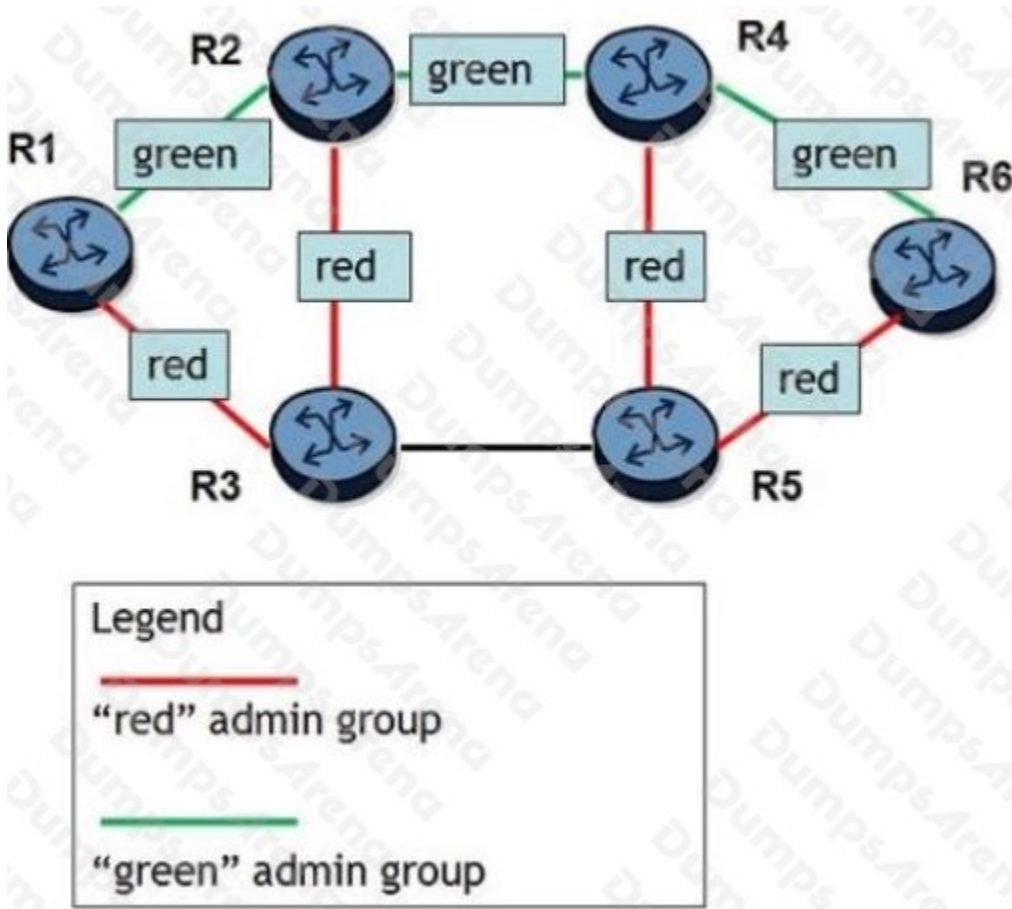
Which of the following are characteristics of an LSP? (Choose two)

- A. It is unidirectional.
- B. It is bidirectional.
- C. It must always have a secondary path.
- D. It provides a specific tunnel for a FEC through the network.
- E. It always follows the IGP best path.

ANSWER: A D

QUESTION NO: 8

Click on the exhibit.



All links are of equal cost. A CSPF-enabled LSP is configured on R1 to R6. Its fully loose primary path is configured with an "include green" statement and the fully loose secondary path is configured with an "include red" statement.

Which paths will be taken by this LSP?

- A. No primary path is established. The secondary path will take R1-R2-R4-R6.
- B. The primary path will take R1-R3-R5-R6. The secondary path will take R1-R2-R4-R6.
- C. The primary path will take R1-R2-R4-R6. No secondary path is established.
- D. The primary path will take R1-R2-R4-R6. The secondary path will take R1-R3-R5-R6.

**ANSWER: C**

#### QUESTION NO: 9

Which of the following are features of RSVP-TE? Choose three answers.

- A. It supports IGP-based LSPs.
- B. It supports constrained path LSPs.
- C. It does not support loose explicit path LSPs.
- D. It is recommended for use in Traffic Engineering applications.
- E. It cannot be used with facility backup fast reroute.

**ANSWER: A B D**

#### QUESTION NO: 10

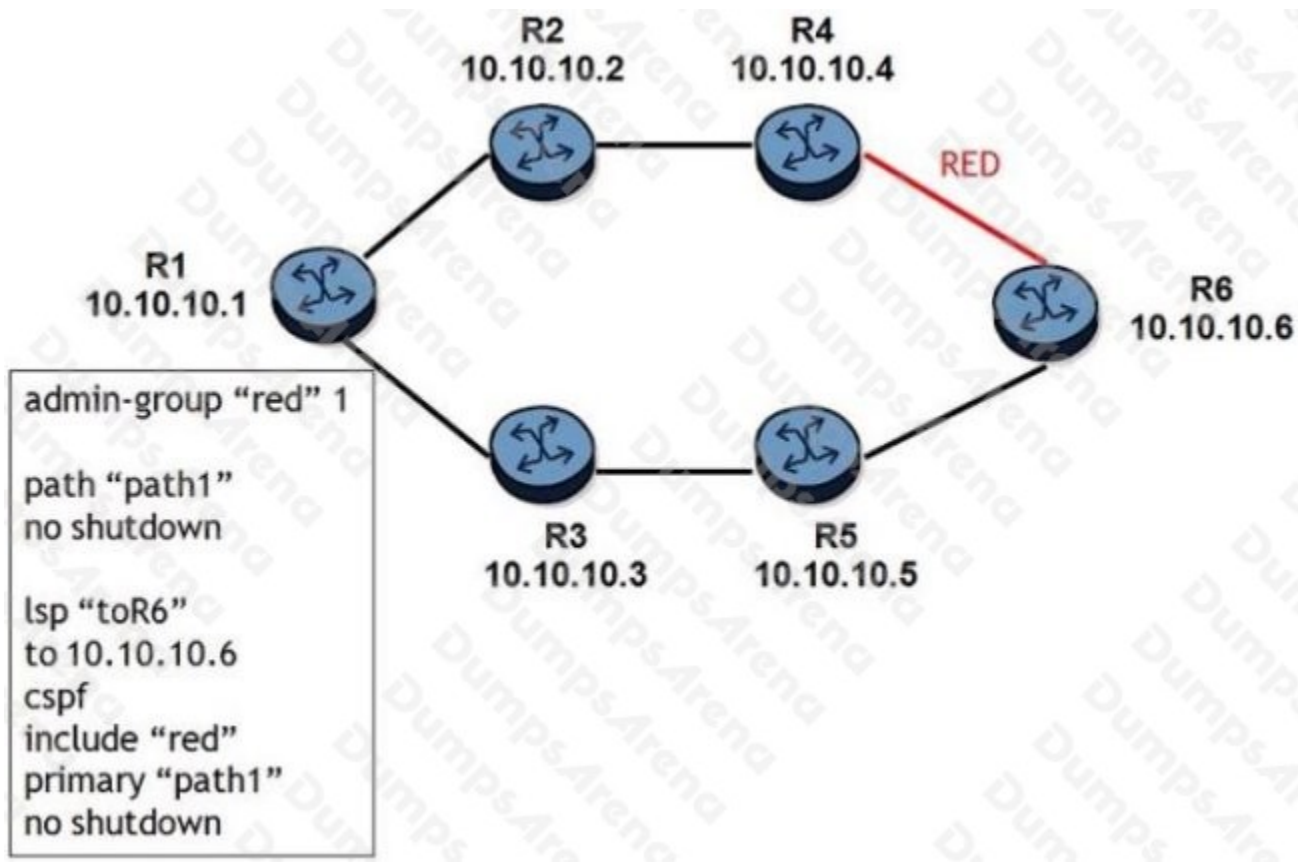
Which of the following statements best describe MPLS fast reroute characteristics? (Choose two)

- A. Fast reroute requires you to manually define detour paths.
- B. Fast reroute provides path protection close to the failure point
- C. Fast reroute performs automatic path calculation and signaling.
- D. Fast reroute protects both primary and secondary paths.

**ANSWER: B C**

#### QUESTION NO: 11

Click on the exhibit.



The link between routers R4 and R6 are configured with an admin group "red". What happens when the LSP is first signaled?

- A. The LSP will go through the path R1-R2-R4-R6.
- B. The LSP will go through the path R1-R3-R5-R6.
- C. The LSP is down because router R1 detects that no path can meet its constraints.
- D. The LSP is down because router R4 detects that no path can meet its constraints.

**ANSWER: C**

#### QUESTION NO: 12

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

- 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.

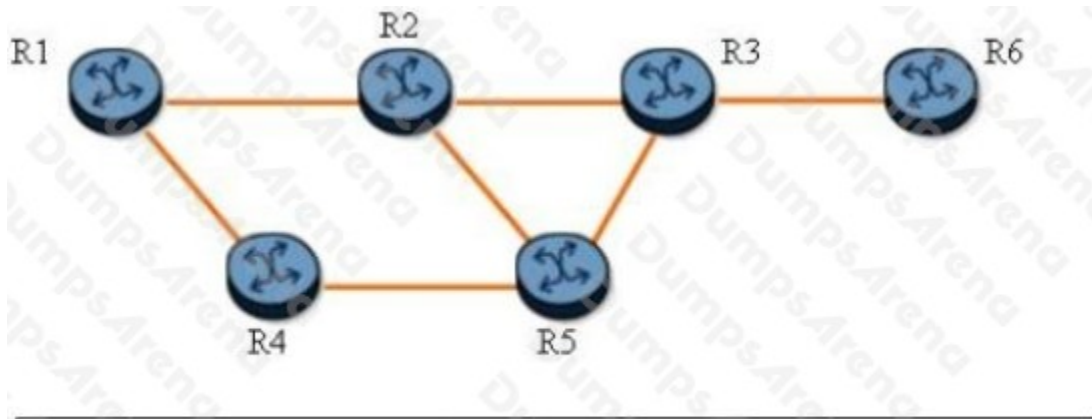
**ANSWER: A****QUESTION NO: 13**

Which of the following statements regarding LSP path configuration are true? (Choose three)

- A. The path must include at least one hop.
- B. The path may be used multiple times in a single LSP.
- C. The path may comprise loose hop entries only.
- D. The path must define the LSP's tail end.
- E. The path may be used for multiple LSPs.

**ANSWER: C E****QUESTION NO: 14**

Click on the exhibit.



Assume that the packet in the original LSP already has two labels.

An LSP traverses the path R1-R2-R3-R6 and facility fast reroute is enabled. If the protected LSP carries one transport label and one service label, how many labels will be on the bypass tunnel if router R2 fails?

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

**ANSWER: C**

**QUESTION NO: 15**

Which of the following statements regarding LDP-over-RSVP are true? (Choose two)

- A. Targeted sessions must exist between all routers in the tunnel's path.
- B. Each LDP interface must be configured to support LDP tunneling.
- C. LDP prefixes resolve to an RSVP LSP, rather than to a physical egress interface.
- D. RSVP LSPs must exist between each PE-ABR pair, or ABR-ABR pair in each area.

**ANSWER: C D**