

Exam Number/Code:4A0-103

Exam Name:Alcatel-Lucent Multi
Protocol Label Switching

Version: Demo

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QUESTION NO: 1

You wish to advertise LDP labels for all local networks; which is the most effective policy statement to use?

- A. from prefix-list direct
- B. match local
- C. from protocol direct
- D. match protocol direct
- E. from protocol local

Answer: C

QUESTION NO: 2

Which of the following indicates the path over which an LSP's tail end router will return an RSVP RESV message?

- A. The IGP FIB.
- B. The Reservation State Block (RSB)
- C. The Path State Block (PSB)
- D. The opaque database.

Answer: C

QUESTION NO: 3

Which of the following is defined by the following statement? All label mappings received from all peer LSRs are saved.

- A. Conservative label retention
- B. Liberal label retention.
- C. Downstream on demand.
- D. Downstream unsolicited.

Answer: B

QUESTION NO: 4

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: 5

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: 6

During node protection signaling, the PLR knows the address of the MP from which of the following methods?

- A. The PLR issues a RSVP path message to the destination router to request the address of the MP.
- B. The PLR learns the address of the MP from the ERO.
- C. The PLR learns the address of the MP from the RRO
- D. The PLR learns the address of the MP from the targeted RSVP hello message.
- E. The PLR does not need to know the address of the MP.

Answer: C

QUESTION NO: 7

What is the significance of receiving a packet with the bottom MPLS label S bit set to 1?

- A. It results in forwarding based on the next packet header.
- B. It indicates that the label is the bottom of the MPLS label stack.
- C. It indicates that the label is the top of the MPLS label stack.
- D. Any LSR that receives an S bit set to 1 must discard the packet.

Answer: B

QUESTION NO: 8

Which command can be used to verify the LDP settings for label distribution and retention?

- A. show router ldp default
- B. show router ldp parameters
- C. show router ldp settings
- D. show router mpls settings
- E. show router mpls label-options

Answer: B

QUESTION NO: 9

Router R3 signals an LSP, reserving 1Gbps bandwidth on a 10Gbps link. RSVP configuration limits reservable bandwidth to 20 percent on the egress interface. Which of the following statements is true?

- A. The egress RSVP interface has 80 percent bandwidth unreserved.
- B. LSPs can reserve an additional 9.9 Gbps bandwidth on this RSVP interface.
- C. The head end reserves 100Mbps for the LSP
- D. The egress RSVP interface has 1 Gbps bandwidth unreserved.

Answer: D

QUESTION NO: 10

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