

**100%** Money Back  
**Guarantee**

**Vendor:**Alcatel-Lucent

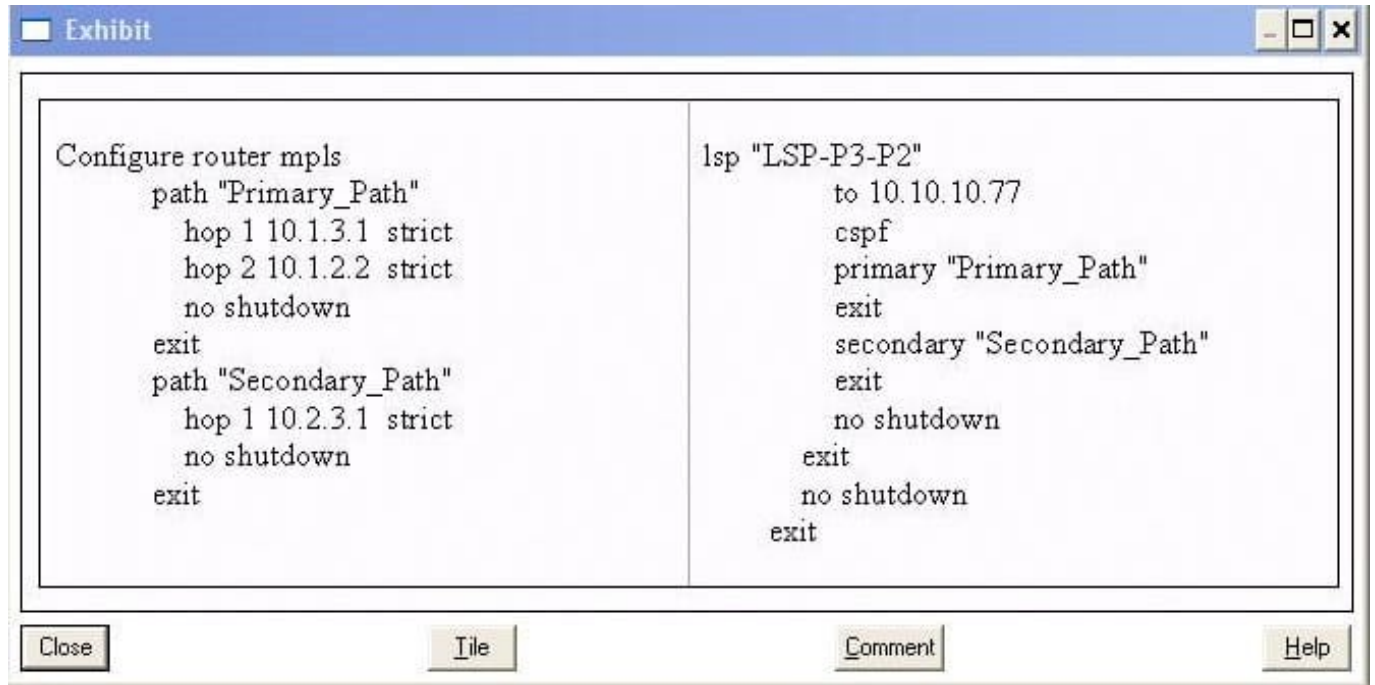
**Exam Code:**4A0-103

**Exam Name:**Alcatel-Lucent Multiprotocol Label  
Switching

**Version:**Demo

### QUESTION 1

Click on the exhibit button below.



```
Configure router mpls
  path "Primary_Path"
    hop 1 10.1.3.1 strict
    hop 2 10.1.2.2 strict
    no shutdown
  exit
  path "Secondary_Path"
    hop 1 10.2.3.1 strict
    no shutdown
  exit

lsp "LSP-P3-P2"
  to 10.10.10.77
  cspf
  primary "Primary_Path"
  exit
  secondary "Secondary_Path"
  exit
  no shutdown
  exit
  no shutdown
  exit
```

Given the configuration below, which of the following scenarios is FALSE?

- A. Both the primary and secondary paths are explicitly defined.
- B. The primary path is active and the secondary path is in hot standby.
- C. The LSP defined will use the primary path and will signal the secondary path to become active if the primary path fails.
- D. The LSP has the same source and destination for both primary and secondary paths.

Correct Answer: B

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### QUESTION 2

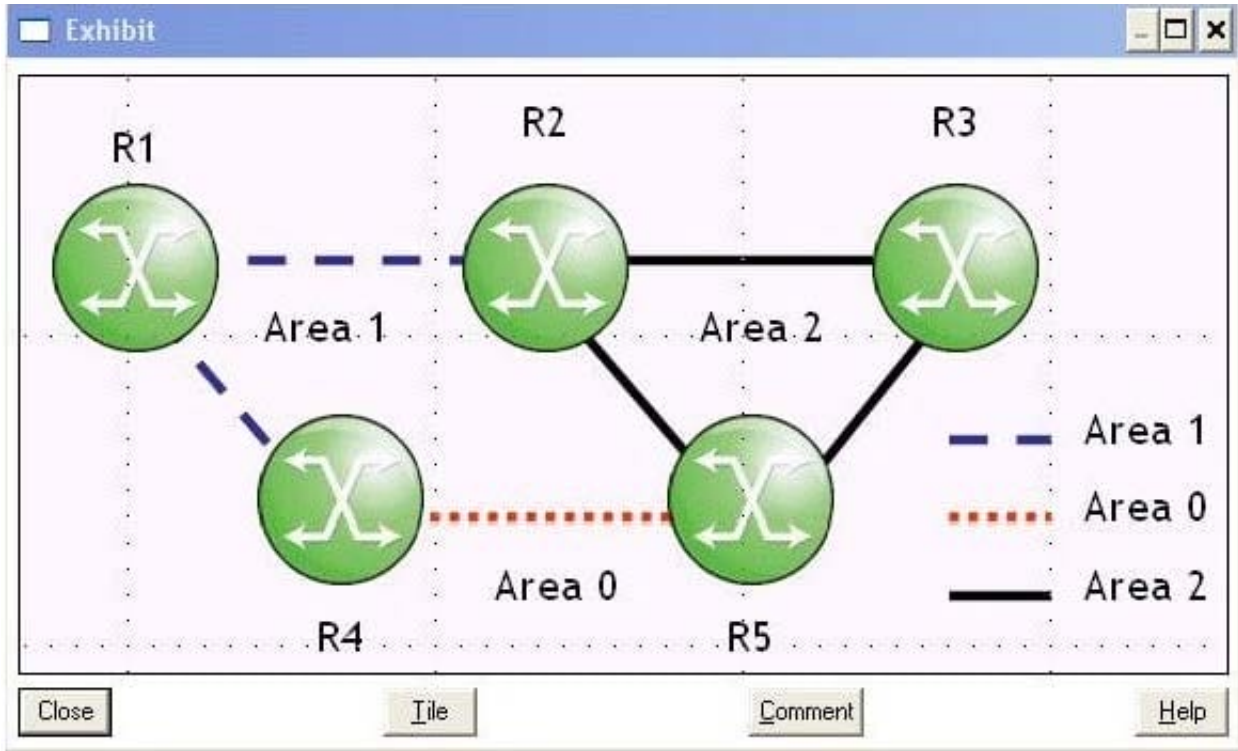
Which of the following about Fast Reroute node protection tunnels is FALSE?

- A. Node protection tunnels detour around a failed next downstream router.
- B. Node protection tunnels can only be requested for a primary LSP path.
- C. Node protection tunnels are only used by one-to-one Fast Reroute.
- D. Link protection tunnels are established if a router is unable to establish node protection tunnels.

Correct Answer: C

### QUESTION 3

Click on the exhibit button below.



Consider the following:

- Routers R1 and R4 are in Area 1.

Routers R1 and R4 are in Area 1.

Consider the following:

Routers R4 and R5 in Area 0.

Routers R5 and R3 are in Area 2.

To support LDP-over-RSVP tunnels between routers R1 and R3 over path R1-R4-R5-R3, with which routers will router R5 require targeted sessions? (Choose two)

- A. Router R1
- B. Router R4
- C. Router R2
- D. Router R3

Correct Answer: BD

#### QUESTION 4

Which mode does the following statement describe? An LSR will advertise a label mapping immediately, without waiting for a label mapping from the FEC's next-hop.

- A. Liberal label retention mode
- B. Conservative label retention mode
- C. Ordered control mode
- D. Independent control mode

Correct Answer: D

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#### QUESTION 5

If an LSP needs to use an admin group, which of the following configurations is NOT required on the Alcatel-Lucent 7750 SR?

- A. Assign an admin group to a MPLS interface.
- B. Configure CSPF on the LSP.
- C. Configure at least one strict hop on the LSP path.
- D. Configure an "include" or "exclude" statement on the LSP path.

Correct Answer: C

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#### QUESTION 6

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.

Correct Answer: CD

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#### QUESTION 7

Which of the following reservation styles can be used to prevent both the primary and secondary paths from booking resources on a common link?

- A. Fixed filter

- B. Shared explicit
- C. Standby explicit LSP
- D. Preemptive filter
- E. Link capacity filter

Correct Answer: B

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#### **QUESTION 8**

When configuring an LSP for fast reroute one-to-one protection, which of the following statements is true?

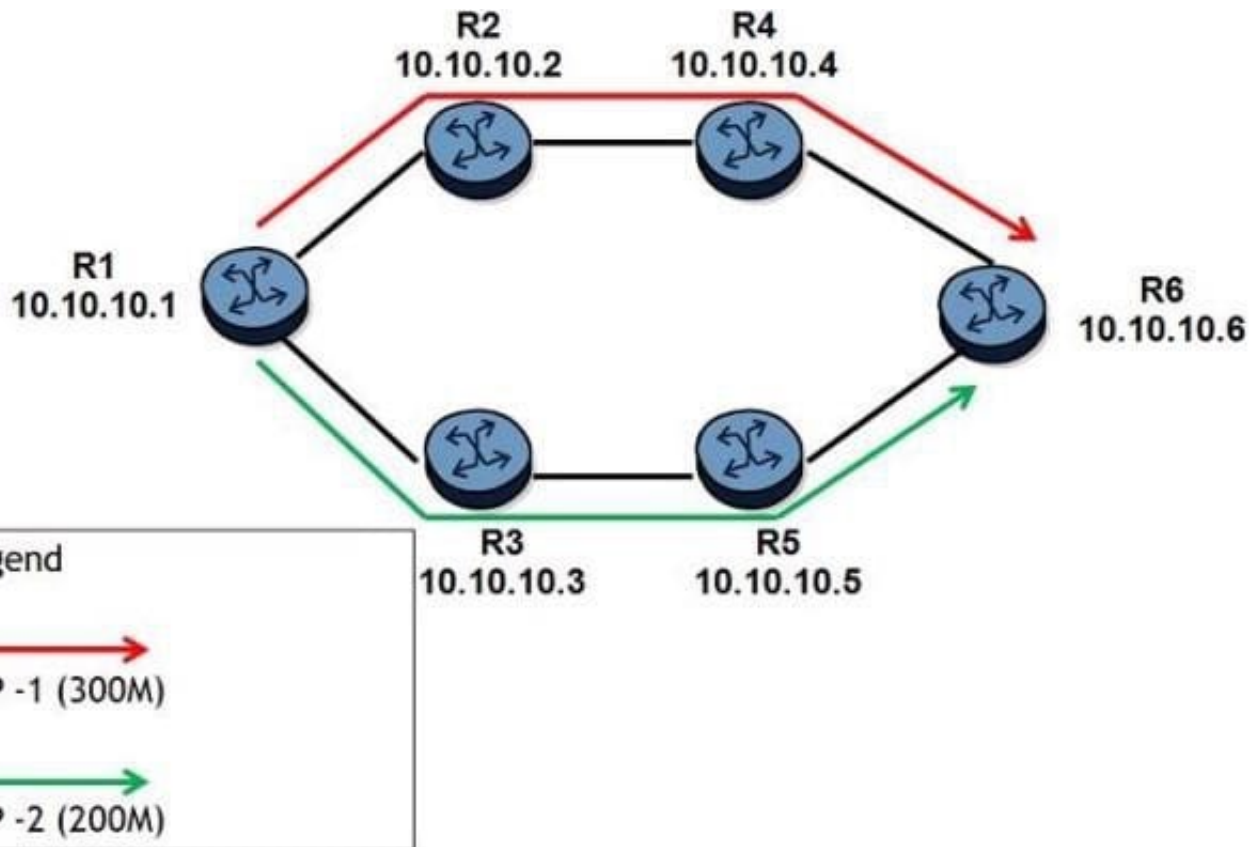
- A. The LSP can also use facility backup.
- B. The LSP is limited to node protection.
- C. You cannot request bandwidth on the protected LSP.
- D. Node protection can be disabled.

Correct Answer: D

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#### **QUESTION 9**

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?

- 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.

Correct Answer: B

### QUESTION 10

Which of the following about the Alcatel-Lucent 7750 SR command "own lsp-trace" is FALSE?

- A. The MPLS TTL values are incremented at each request.
- B. The router uses MPLS Echo Request packets that are IP-routed.

- C. The router collects hop information along the tunnel's path.
- D. The router performs an unidirectional LSP test.

Correct Answer: B

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### QUESTION 11

Click on the exhibit.

```
configure router policy-options
  begin
  prefix-list "officeA_subnet"
    prefix 192.168.1.0/24 longer
  exit
  policy-statement "LDP_export"
    entry 10
      from
        protocol direct
        prefix-list "officeA_subnet"
      exit
      action accept
    exit
  exit
exit
commit
```

This policy is applied on a router as an LDP export policy and an LDP session has been established between this router and its neighboring router. In addition to the FECs learned from its neighbors, what additional FECs will appear in this router's LIB?

- A. All FECs that are in the 192.168.1.0/24 address space.
- B. Local FECs that are in the 192.168.1.0/24 address space.
- C. All FECs that are not in the 192.168.1.0/24 address space.
- D. All FECs except the local FECs that are in the 192.168.1.0/24 address space.

Correct Answer: B

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### QUESTION 12

Which of the following is described by the following statement? An LSR propagates a label mapping only for a FEC for which it has a label mapping for the FEC next-hop.

- A. Independent control mode

B. Ordered control mode

C. Liberal label retention

D. Conservative label retention

E. Downstream on demand.

Correct Answer: B