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Alcatel-Lucent Multiprotocol Label Switching

Alcatel-Lucent 4A0-103

Version Demo

Total Demo Questions: 15

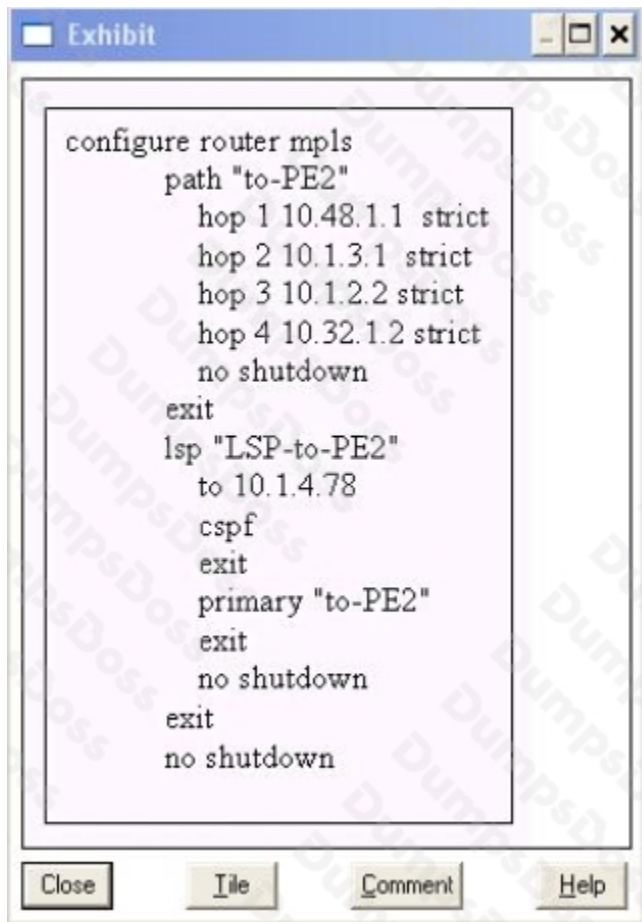## Total Premium Questions: 257

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Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	61
Topic 2, Volume B	62
Topic 3, Volume C	62
Topic 4, Volume D	72
Total	257

QUESTION NO: 1

Click on the exhibit button below.

```
Exhibit                                    _ □ ×

    configure router mpls
            path "to-PE2"
                hop 1 10.48.1.1  strict
                hop 2 10.1.3.1  strict
                hop 3 10.1.2.2 strict
                hop 4 10.32.1.2 strict
                no shutdown
            exit
            lsp "LSP-to-PE2"
                to 10.1.4.78
                cspf
                exit
                primary "to-PE2"
                exit
                no shutdown
            exit
            no shutdown

   Close          Tile          Comment          Help
```
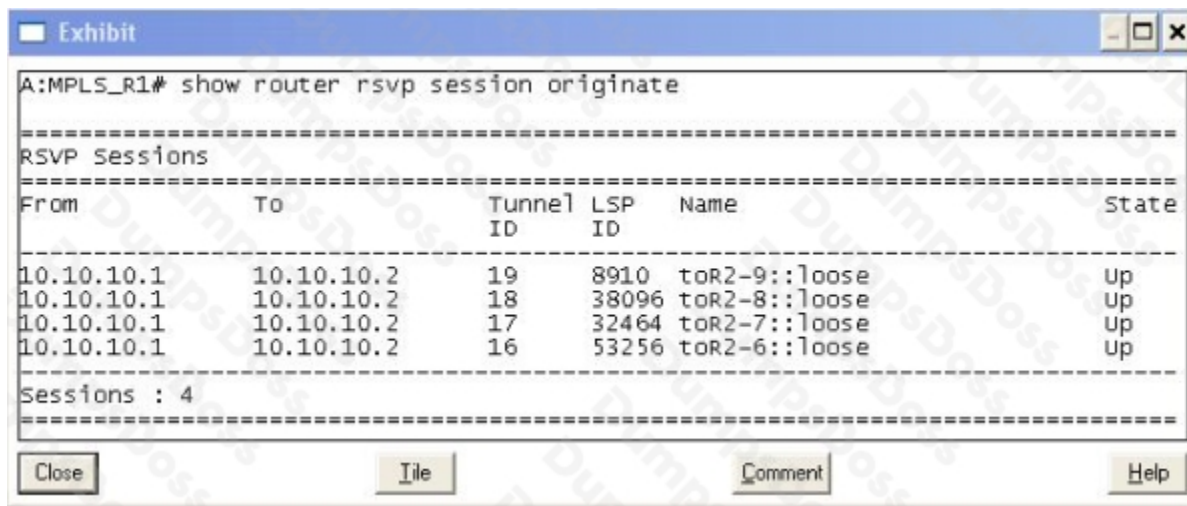
Given the configuration below, which of the following commands would enable fast reroute on the LSP? Choose two
answers

A. This configuration already is configured for FRR.

B. fast-reroute facility

C. fast-reroute one-to-one

D. secondary

E. standby

ANSWER: B C

QUESTION NO: 2

Click on the exhibit button below.

```
■ Exhibit                                                        _ □ ✕

A:MPLS_R1# show router rsvp session originate

===========================================================================
RSVP Sessions
===========================================================================
From            To              Tunnel LSP     Name                State
                                ID     ID
---------------------------------------------------------------------------
10.10.10.1      10.10.10.2      19     8910   toR2-9::loose         Up
10.10.10.1      10.10.10.2      18     38096  toR2-8::loose         Up
10.10.10.1      10.10.10.2      17     32464  toR2-7::loose         Up
10.10.10.1      10.10.10.2      16     53256  toR2-6::loose         Up
---------------------------------------------------------------------------
Sessions : 4
===========================================================================

Close              Tile                    Comment              Help
```

Which fields in this output uniquely identify the RSVP session belonging to a single LSP? (Choose three)

A. Tunnel ID

B. Name

C. LSP ID

D. To

ANSWER: A B C

QUESTION NO: 3

Which of the following prerequisites must you configure on a router to enable LDP-over-RSVP support? (Choose two)

A. Configure the T-LDP peers for tunneling.

B. Configure tunneled T-LDP sessions between PE routers.

C. Enable Idp-over-rsvp in the IGP configuration on the PEs and ABRs

D. Enable LSP stitching on the RSVP LSPs

ANSWER: A C

QUESTION NO: 4

Click on the exhibit.

```
*A:SRC_R2# show router ldp session

=====================================================================
LDP Sessions
=====================================================================
Peer LDP Id         Adj Type    State          Msg Sent  Msg Recv  Up Time
---------------------------------------------------------------------
10.10.10.1:0        Link        Established    26        26        0d 00:00:59
---------------------------------------------------------------------
No. of Sessions: 1
=====================================================================
*A:SRC_R2#
```

Why might router R2 have a Link LDP session to R1 (10.10.10.1:0) but not to R3 (10.10.10.3:0)?

A. LDP is not configured on R2.

B. R2 does not have a route to 10.10.10.3.

C. LDP is not configured on R3's interface to R2.

D. The targeted session is not configured on R2.

ANSWER: C

QUESTION NO: 5

Click on the exhibit.

```
A:MPLS_R1# show router ldp session

=====================================================================
LDP Sessions
=====================================================================
Peer LDP Id         Adj Type    State          Msg Sent  Msg Recv  Up Time
---------------------------------------------------------------------
10.10.10.2:0        Link        Nonexistent    0         1         0d 00:00:01
10.10.10.5:0        Link        Established    4         6         0d 00:00:03
---------------------------------------------------------------------
No. of Sessions: 2
=====================================================================
```

Under which condition might the peer entry with an LDP ID of 10.10.10.2:0 show the state "Nonexistent"?

A. When the interface to the peer router is down.

B. When router R1 has no route to the peer address 10.10.10.2.

C. When LDP is not configured on the peer router's interface.

D. When the targeted session is not configured.

ANSWER: B

QUESTION NO: 6

Which of the following about an LSP protected with facility FRR is TRUE?

A. The LSP can use protection tunnels used by other LSPs.

B. The LSP can use facility and one-to-one FRR simultaneously.

C. The LSP is limited to link protection.

D. A detour protection tunnel is created for this LSP.

ANSWER: A

QUESTION NO: 7

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

A. Link protection tunnels are established if a router is unable to establish node protection tunnels.

B. Link protection tunnels are only requested for a primary LSP path.

C. Link protection tunnels can be created for both one-to-one or facility Fast Reroute.

D. Link protection tunnels detour around a failed next downstream router.

ANSWER: D

QUESTION NO: 8

Which of the following message types does RSVP use to set up an LSP? (Choose two)

A. Path message

B. iLER message

C. Resv message

D. LSP setup call request

E. eLER message

ANSWER: A C

QUESTION NO: 9

Which of the following statements regarding RSVP refresh reduction are true1? (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: 10

How does MPLS-TE overcome the issue of IP hyper-aggregation?

A. By enabling the creation of LSPs across alternate links to balance the network traffic.

B. By eliminating the requirement for core IP routing.

C. By not allowing more than one LSP to use a particular path.

D. By defining multiple LSPs across a network and implementing an IGP load balancing algorithm across them.

ANSWER: A

QUESTION NO: 11

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

QUESTION NO: 12

Which of the following about MPLS fast reroute is TRUE?

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: B

QUESTION NO: 13

Which of the following can be used for label signaling and distribution on the Alcatel-Lucent 7750 SR? Choose two answers

A. RSVP-TE

B. TDP

C. LDP

D. ADP

E. MPLS-TE

ANSWER: A C

QUESTION NO: 14

Which of the following about per-interface label space is TRUE?

A. A single label is assigned to a FEC for all interfaces on the same router.

B. The same label can be used to forward a packet on an LSR regardless of which egress port is used.

C. It uses fewer label resources than a per-platform label space.

D. A separate label is used for each interface that the FEC is advertised on.

ANSWER: D

QUESTION NO: 15

A targeted-LDP session may exist between directly connected or non-directly connected devices

A. TRUE

B. FALSE

ANSWER: A