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Alcatel-Lucent Multi Protocol Label Switching

Alcatel-Lucent 4A0-103

Version Demo

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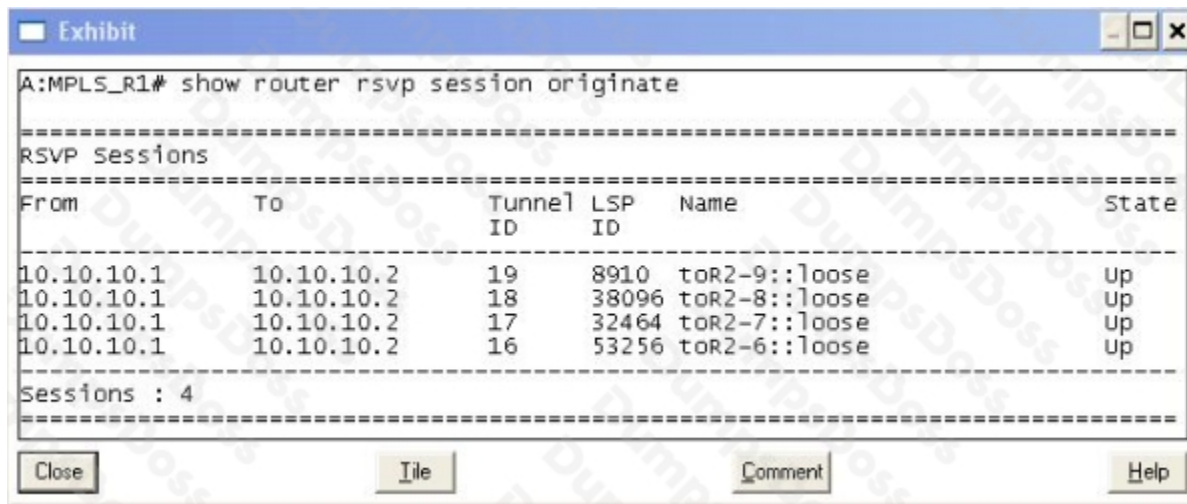
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Topic Break Down

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

QUESTION NO: 1

Click on the exhibit button below.



```
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
-----
```

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: 2

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: 3

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: 4

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 ldp-over-rsvp in the IGP configuration on the PEs and ABRs
- D. Enable LSP stitching on the RSVP LSPs

ANSWER: A C

QUESTION NO: 5

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

- A. TRUE
- B. FALSE

ANSWER: A

QUESTION NO: 6

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: 7

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: 8

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: 9

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: 10

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: 11

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: 12

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: 13

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#
```

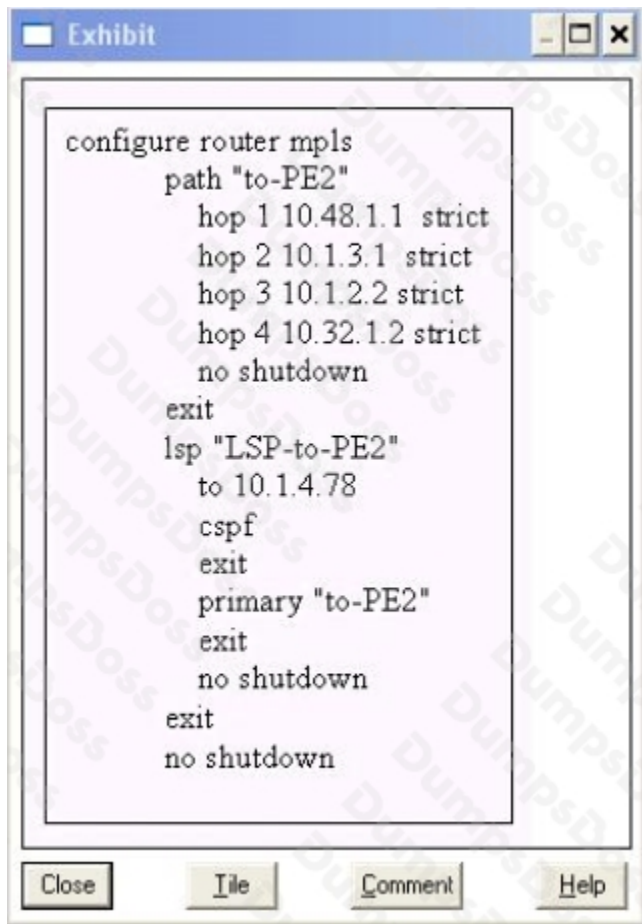
Why might router R2 have a Link LDP session to R1 (10.10.10.1:0) but not to R3 (10.10.10.3:0)?

- 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: 14

Click on the exhibit button below.



```
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
```

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: 15

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