



# 4A0-103<sup>Q&As</sup>

Alcatel-Lucent Multiprotocol Label Switching

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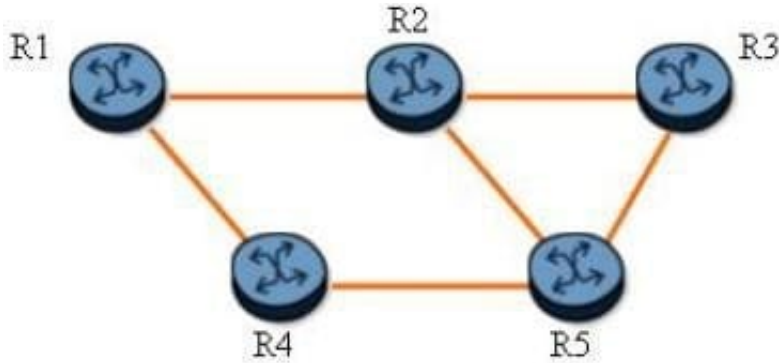
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### QUESTION 1

Click on the exhibit.



The path of a fast reroute protected LSP is R1-R2-R3. Which of the following about the protected LSP path is TRUE?

- A. All routers along the path, R1, R2, and R3 can be PLRs.
- B. If the R1-R2 link fails, router R4 becomes an MP.
- C. If the R2-R3 link fails, router R3 becomes a PLR.
- D. Router R1 is the LSP head-end and can be a PLR.

Correct Answer: D

### QUESTION 2

Click on the exhibit button below.



☐ Exhibit

```
*A:MPLS_R5# show router mpls lsp "toR8-5" path detail

=====
MPLS LSP toR8-5 Path (Detail)
=====
Legend :
@ - Detour Available          # - Detour In Use
b - Bandwidth Protected      n - Node Protected
s - Soft Preemption
=====

LSP toR8-5 Path loose

LSP Name       : toR8-5
From           : 10.10.10.5
Adm State      : Up
Path Name      : loose
Path Admin     : Up
OutInterface   : n/a
Path Up Time   : 0d 00:00:00
Retry Limit    : 0
RetryAttempt   : 4
SetupPrioriti* : 7
Preference     : n/a
Bandwidth      : No Reservation
Hop Limit      : 255
Backup CT      : None
MainCT Retry   : n/a
  Rem          :
Oper CT        : None
Record Route   : Record
Oper MTU       : 0
Adaptive       : Enabled
Include Grps   :
None
Path Trans     : 2
Failure Code    : looseHopsInFRRLsp
ExplicitHops   :
  No Hops Specified
Actual Hops    :
  No Hops Specified
ResigEligib*   : False
LastResignal   : n/a

Path LSP ID    : 27694
To             : 10.10.10.8
Oper State     : Down
Path Type      : Primary
Path Oper      : Down
Out Label      : n/a
Path Dn Time   : 0d 00:01:40
Retry Timer    : 30 sec
NextRetryIn    : 21 sec
Hold Prioriti* : 0

Oper Bw        : 0 Mbps
Class Type     : 0

MainCT Retry   : 0
  Limit        :

Record Label   : Record
Neg MTU        : 0
Oper Metric    : 65535
Exclude Grps   :
None
CSPF Queries   : 1
Failure Node   : 10.10.10.5

CSPF Metric    : 0

=====
* indicates that the corresponding row element may have been truncated.
=====
```

LSP "toR8-5" requests fast reroute protection on the primary loose path. What could be done to remove the Failure Code shown?

- A. CSPF must be enabled at head-end on fast reroute protected loose path LSPs
- B. Fast reroute must first be enabled on the downstream routers.
- C. CSPF must be enabled on all downstream loose hop routers.
- D. Global revertive path optimization must be enabled so the path will be re-optimized around a failed node.

Correct Answer: A



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### QUESTION 3

Which of the following about CAC is FALSE?

- A. CAC is used when the LSP path has not been computed by CSPF.
- B. CAC is used when the LSP path has been computed by CSPF.
- C. CAC is used to perform a bandwidth check on each egress interface of the downstream router.
- D. CAC is used to perform a bandwidth check based on the router's LSDB.

Correct Answer: D

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### QUESTION 4

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.

Correct Answer: B

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### QUESTION 5

Fill in the blanks: The device at the beginning of an LSP is referred to as the \_\_\_\_\_, and the device at the end of an LSP is referred to as the \_\_\_\_\_.

- A. PE, P
- B. LER, LSR
- C. LSR, LER
- D. iLER, eLER
- E. eLER, iLER
- F. P, PE

Correct Answer: D