



Nokia 4A0-103 Mock Exam

Shared by Kramer on 17-06-2026

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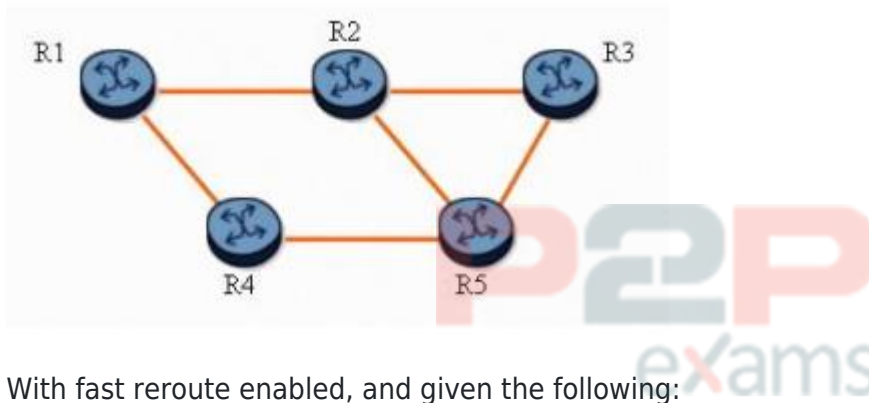
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Question 1

Question Type: MultipleChoice

Click on the exhibit button below.



With fast reroute enabled, and given the following:

The protected LSP path is R1-R2-R3.

All links are of equal cost.

Which of the following statements is true? (Choose two)

Options:

- A- Router R1 is the LSP originator and is also a PLR.
- B- With one-to-one link or node protection, the detour LSP path is R1-R4-R5-R2-R3.
- C- With one-to-one link or node protection, the detour LSP path is R1-R4-R5-R3.
- D- If the R2-R3 link fails, router R3 becomes a PLR
- E- None of the nodes can be protected with FRR.

Answer:

A, C

Question 2

Question Type: MultipleChoice

Which of the following statements regarding admin groups is FALSE?

Options:

- A- Admin groups can be configured using the command 'configure>router>mpls>admin-group'.
- B- CSPF uses the information defined by admin groups when paths are computed for constraint-based LSPs.
- C- By default, interfaces for which MPLS has been enabled are in the default admin group.
- D- A LSP can make use of admin groups for constraint-based path calculations by including or excluding the admin group

Answer:

C

Question 3

Question Type: MultipleChoice

Which option best messages is NOT used in T-LDP operation?

Options:

- A- Hello message
- B- Init message
- C- Keepalive message
- D- Label Mapping message
- E- ACK message

Answer:

E

Question 4

Question Type: MultipleChoice

Consider a device that uses per-platform label space; which of the following fields is NOT contained in the LFIB?

Options:

- A- Incoming label
- B- Outgoing label

- C- Incoming interface
- D- Outgoing interface

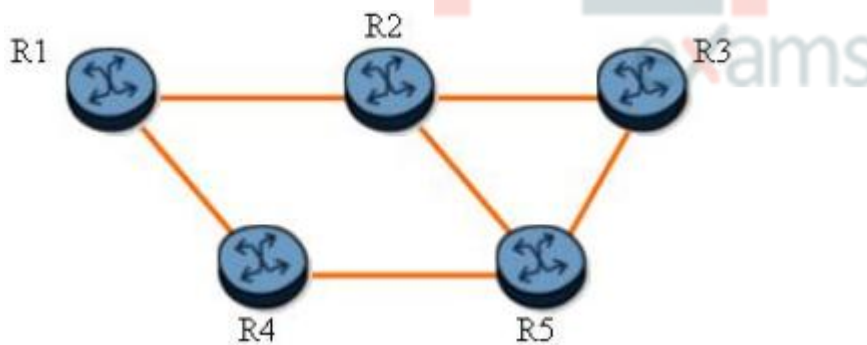
Answer:

C

Question 5

Question Type: MultipleChoice

Click on the exhibit.



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

Options:

- 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

Answer:

D

Question 6

Question Type: MultipleChoice

Which of the following statements best describe MPLS fast reroute characteristics? (Choose two)

Options:

- 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 7

Question Type: MultipleChoice

Click on the exhibit.

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

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)?

Options:

- 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 8

Question Type: MultipleChoice

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 _____.

Options:

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

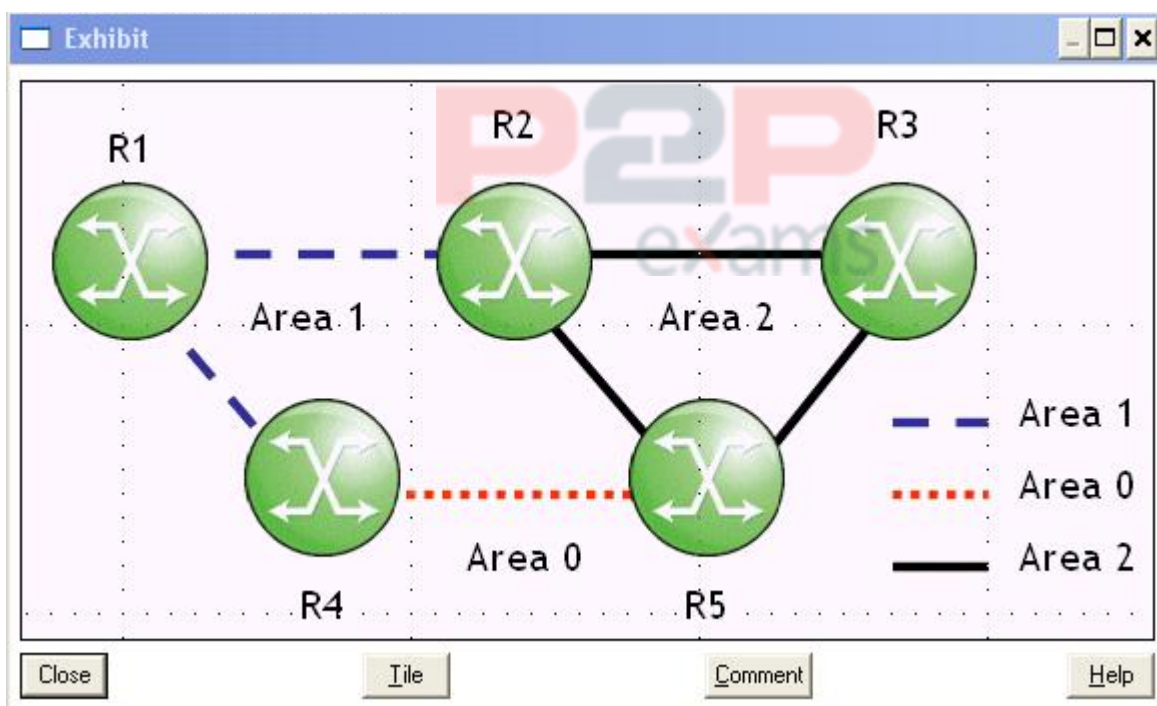
Answer:

D

Question 9

Question Type: MultipleChoice

Click on the exhibit button below. Assume the following:



- Each router's OSPF interfaces are in the areas shown.
- Bidirectional LDP-over-RSVP tunnels extend from routers R1 to R3 and back over the path R1-R4-R5-R3.
- You enable fast reroute facility bypass on the R5-R3 RSVP LSP.
- Router R5 acts as a PLR, protecting the R5-R3 link by building a bypass tunnel through router R2.

You build a layer 2 VPN on routers R1 and R3, using the LDP-over-RSVP tunnels. What MPLS configuration step must you complete on router R2 for it to protect the end-to-end service?

Options:

- A- Enable LDP on the R2-R5 interface.
- B- Configure T-LDP sessions between routers R2 and R5 and R3.
- C- Configure LDP-over-RSVP support on router R2.
- D- Enable MPLS and RSVP on the router R2 network interfaces.
- E- Enable LDP on the R2-R5 and R2-R3 interfaces.

Answer:

D

Question 10

Question Type: MultipleChoice

Which MPLS mode saves only active label mappings received from peer LSRs?

Options:

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

Answer:

A

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