4A0-103

Nokia Multiprotocol Label Switching

DEMO

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Topic 1, Volume A

QUESTION NO: 1

You wish to advertise LDP labels for all local networks; which is the most effective policy statement to use?

A. from prefix-list direct
B. match local
C. from protocol direct
D. match protocol direct
E. from protocol local

Answer: C
Explanation:

QUESTION NO: 2

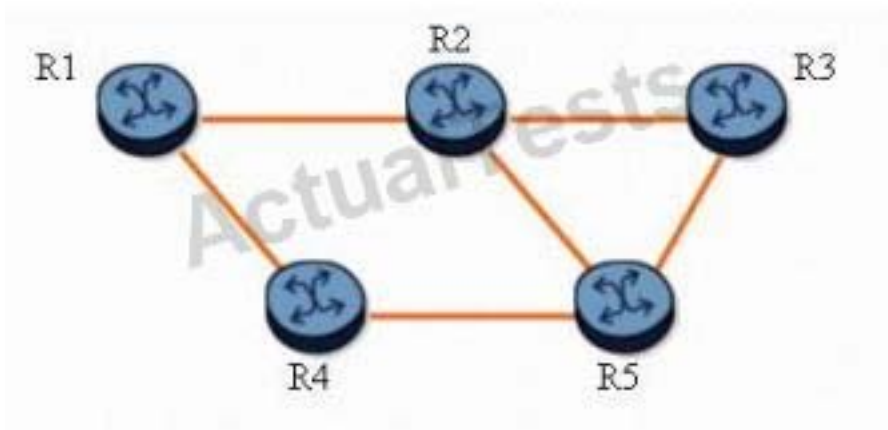Which of the following indicates the path over which an LSP's tail end router will return an RSVP RESV message?

A. The IGP FIB.
B. The Reservation State Block (RSB)
C. The Path State Block (PSB)
D. The opaque database.

Answer: C
Explanation:

QUESTION NO: 3

Click on the exhibit button below.

With fast reroute enabled, and given the following:

- Two protected LSPs with the path R1-R2-R3
- Both LSPs enable facility bypass and link protection.

When router R1 is the PLR, which router becomes the MP?

A. Router R1
B. Router R2
C. Router R3
D. Router R4
E. Router R5

Answer: B
Explanation:

QUESTION NO: 4

Click on the exhibit button below.

```
A:P1># show router ldp bindings active

======================================================================
Legend:   (S) - Static
======================================================================
LDP Prefix Bindings (Active)
======================================================================
Prefix             Op    IngLbl    EgrLbl    EgrIntf    EgrNextHop
----------------------------------------------------------------------
10.10.10.221/32    Pop   131071    --        --         --
10.10.10.222/32    Push  --        131071    1/1/2      10.1.2.2
10.10.10.222/32    Swap  131070    131071    1/1/2      10.1.2.2
10.10.10.223/32    Push  --        131071    1/1/4      10.1.3.3
10.10.10.223/32    Swap  131067    131071    1/1/4      10.1.3.3
10.10.10.224/32    Push  --        131065    1/1/2      10.1.2.2
10.10.10.224/32    Swap  131065    131065    1/1/2      10.1.2.2
10.10.10.224/32    Push  --        131065    1/1/4      10.1.3.3
10.10.10.224/32    Swap  131065    131065    1/1/4      10.1.3.3
10.10.10.241/32    Push  --        131071    1/1/1      10.16.1.2
10.10.10.241/32    Swap  131063    131071    1/1/1      10.16.1.2
10.10.10.242/32    Push  --        131069    1/1/2      10.1.2.2
10.10.10.242/32    Swap  131068    131069    1/1/2      10.1.2.2
10.10.10.243/32    Push  --        131070    1/1/4      10.1.3.3
10.10.10.243/32    Swap  131066    131070    1/1/4      10.1.3.3
10.10.10.244/32    Push  --        131064    1/1/2      10.1.2.2
10.10.10.244/32    Swap  131064    131064    1/1/2      10.1.2.2
10.10.10.244/32    Push  --        131064    1/1/4      10.1.3.3
10.10.10.244/32    Swap  131064    131064    1/1/4      10.1.3.3
----------------------------------------------------------------------
No. of Prefix Bindings: 19
======================================================================
```

Given the output below, which of the following statements are true? (Choose three)

A. A packet arriving with label 131066 and destined for prefix 10.10.10.243/32 will be forwarded out interface 1/1/4, with label 131070.
B. LDP ECMP is enabled.
C. The router's system address is 10.10.10.242/32.
D. There are multiple LSPs to reach FEC 10.10.10.244/32.
E. The router cannot receive any unlabeled packets destined for prefix 10.10.10 223/32.

Answer: A,B,D
Explanation:

QUESTION NO: 5

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

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.