4A0-108

Nokia Multicast Protocols

DEMO

QUESTION NO: 1

Four routers in a domain are configured as BSR candidate. Router A is configured with a BSR priority of 10, Router B is configured with a BSR priority of 100. Router C and Router D are at the default value. Router D has the highest IP address. Which router will be elected the PIM BSR?

A. Router A
B. Router B
C. Router C
D. Router D

Answer: B
Explanation:

QUESTION NO: 2

Refer to the exhibit.

```
A:RouterA# show router pim rp
PIM RP Set
========================================================
Group Address      RP Address      Type    Priority Holdtime Expiry Time
--------------------------------------------------------
224.0.0.0/4        10.10.10.24     Dynamic 5        150      0d 00:01:49
239.0.0.0/8        10.10.10.66     Static  1        N/A      N/A
--------------------------------------------------------
Group Prefixes : 2
```

Which router is this screen capture taken from?

A. Any router in the PIM multicast domain
B. Only from the Candidate-RP
C. Only from the Candidate-BSR
D. Only from the elected BSR

Answer: A
Explanation:

QUESTION NO: 3

Refer to the exhibit.

```
A:RouterA# show router pim crp
================================================================
PIM Candidate RPs
================================================================
RP Address       Group Address      Priority    Holdtime  Expiry Time
----------------------------------------------------------------
10.10.10.24      224.0.0.0/4           5          150      0d 00:02:29
----------------------------------------------------------------
Candidate RPs : 1
```

Which router is this screen capture taken from?

A. Any router in the PIM multicast domain
B. Only from the Candidate-RP
C. Only from the Candidate-BSR
D. Only from the elected BSR

Answer: D
Explanation:

QUESTION NO: 4

An Alcatel-Lucent 7750 SR is unable to locate a multicast source address in the multicast forwarding table. However, the source address is available in the unicast forwarding table.

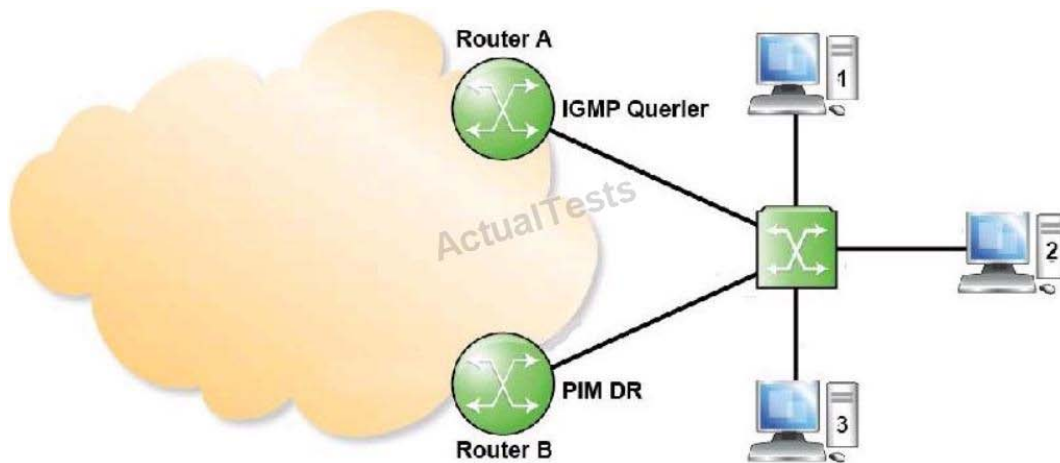Which statement best describes the default RPF check behavior of the 7750 SR?

A. The RPF check will fail as PIM relies exclusively on the multicast forwarding table by default
B. The RPF check will not fail, as by default PIM uses the multicast forwarding table first for RPF check, if not found in the multicast forwarding table then refers to unicast forwarding table
C. The RPF check will not fail as PIM uses only the unicast forwarding table by default
D. The RPF check will fail as the RPF check requires that the source address be present in both the unicast and multicast forwarding table
E. Not enough information is provided to answer the question

Answer: C
Explanation:

QUESTION NO: 5

Refer to the exhibit.

The switch is not igmp-snooping/proxy capable. What will happen if host 2 issues an IGMP report to join a group?

A. Both Router A and Router B will get this IGMP report and Router B will propagate a PIM join towards the core network
B. Both Router A and Router B will get this IGMP report and both of them will propagate a PIM join towards the core network
C. Only Router A will get this IGMP report and Router A will propagate a PIM join towards the core network
D. Only Router A will get this IGMP report and as Router A is not PIM DR, so no further action

Answer: A
Explanation:

QUESTION NO: 6

Refer to the configuration exhibit.