



Free Questions for 4A0-108

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Question 1

Question Type: MultipleChoice

Which of the following about the default MDT in Draft Rosen is TRUE?

Options:

- A- It is also known as the I-PMSI. Each MVPN has only one I-PMSI.
- B- It is also known as the S-PMSI. Each MVPN has only one S-PMSI.
- C- It is also known as the I-PMSI. Each MVPN may have multiple I-PMSIs.
- D- It is also known as the S-PMSI. Each MVPN may have multiple S-PMSIs.

Answer:

A

Question 2

Question Type: MultipleChoice

In Draft Rosen, a PE router encapsulates customer multicast packets into provider packets. What source IP address is used for the provider packets?

Options:

- A- The system IP address of the originating PE router.
- B- The source IP address of the customer packet.
- C- The outgoing interface IP address of the originating PE router.
- D- The source IP address specified in the MVPN configuration.

Answer:

A

Question 3

Question Type: MultipleChoice

Click the exhibit.

```
configure router mcac
  policy "mCac_1"
    bundle "bundle_1" create
      bandwidth 6000
      channel 239.1.1.1 239.1.1.2 bw 2000 type mandatory
      channel 239.1.1.3 239.1.1.4 bw 2000
      no shutdown
    exit
    bundle "bundle_2" create
      bandwidth 6000
      channel 239.1.1.5 239.1.1.6 bw 2000 class high type mandatory
      channel 239.1.1.7 239.1.1.8 bw 2000
      no shutdown
    exit
  default-action discard
exit
```

```
configure router igmp
  interface toReceiver
    mcac
      policy "mCac_1"
      unconstrained-bw 10000 mandatory-bw 6000
    exit
  exit
exit
```

Based on the configuration, channels 239.1.1.1, 239.1.1.2, 239.1.1.3 and 239.1.1.5 have already been established. What happens when this router receives an IGMP report to join group 239.1.1.6?

Options:

- A- The router tears down channel 239.1.1.3 first, and then establishes a new channel for 239.1.1.6.
- B- The router tears down either channel 239.1.1.1 or 239.1.1.2 first, and then establishes a new channel for 239.1.1.6.
- C- No existing channel is torn down, and the new channel for 239.1.1.6 is established as there are enough resources.
- D- The new channel 239.1.1.6 cannot be established, and a log is generated.

Answer:

D

Question 4

Question Type: MultipleChoice

Click the exhibit.

A:PE# show router 100 pim s-pmsi detail

PIM Selective provider tunnels

Md Source Address : 10.10.10.1

Md Group Address : 239.1.1.20

VPN Group Address : 239.1.1.10
State: RX Not Joined

VPN Source Address: 10.10.1.2
Mdt Threshold : 0

Based on the output, which of the following is correct?

Options:

- A- The S-PMSI group address is 239.1.1.10.
- B- The I-PMSI group address is 239.1.1.10.
- C- The S-PMSI group address is 239.1.1.20.
- D- The I-PMSI group address is 239.1.1.20.

Answer:

C

Question 5

Question Type: MultipleChoice

How many bits of the IPv4 multicast address directly match bits in the multicast MAC address?

Options:

- A- 23
- B- 25
- C- 27
- D- 28

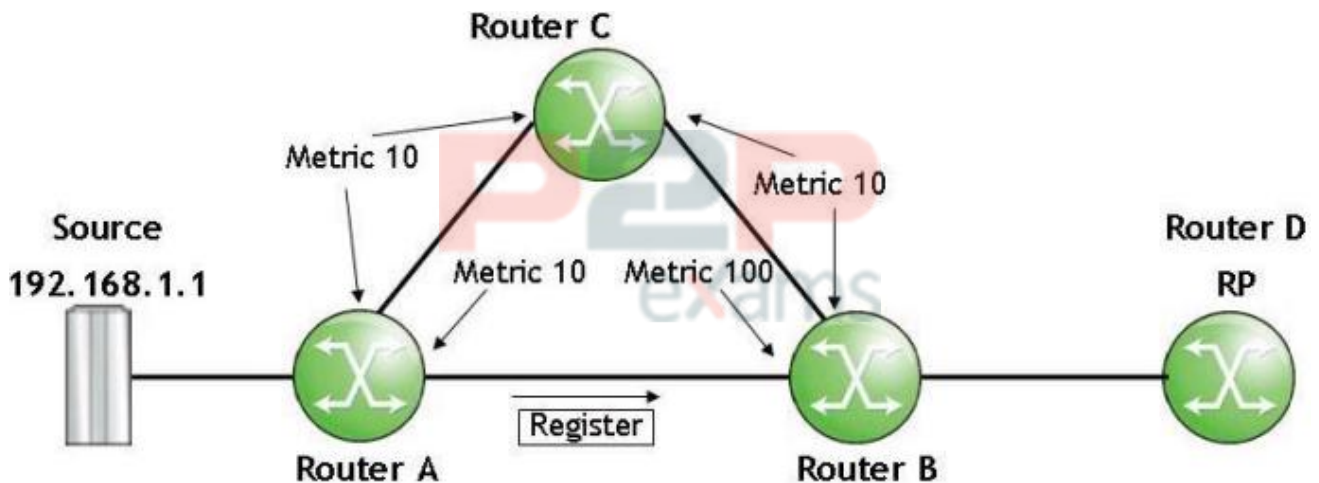
Answer:

A

Question 6

Question Type: MultipleChoice

Click the exhibit.



The interface's IGP metric is as shown, and PIM is using the unicast table for the RPF-check. What happens when Router B receives a register message on its interface facing Router A?

Options:

- A- Router B discards the register message, as the RPF-check fails.
- B- Router B forwards the register message to Router D (RP) according to its routing table.
- C- Router B forwards the register message out of all the interfaces in its ('239.1.1.1') entry's outgoing interface list.
- D- Router B forwards the register message out of all the interfaces in its (192.168.1.1,239.1.1.1) entry's outgoing interface list.

Answer:

B

Question 7

Question Type: MultipleChoice

Which of the following is NOT a characteristic of multicast?

Options:

- A- Multicast relies on an existing IP routing infrastructure.
- B- Multicast traffic may follow a different path than unicast traffic between the same two points.
- C- A distinct multicast topology can be created instead of using the unicast topology.
- D- When PIM is used, the unicast routing topology has no impact on the multicast topology.

Answer:

D



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