



**Free Questions for 4A0-108 by actualtestdumps**

**Shared by Perez on 24-05-2024**

**For More Free Questions and Preparation Resources**

**Check the Links on Last Page**

## Question 1

---

**Question Type:** MultipleChoice

---

In an MVPN that uses BGP Auto Discovery for both I-PMSI and S-PMSI, what action is taken by the ingress when customer multicast traffic drops below the threshold?

### Options:

---

- A-** The ingress PE sends a MP\_REACH\_NLRI message to activate the Intra-AS I-PMSI A-D route.
- B-** The ingress PE sends a MPJNREACH\_NLRI message to withdraw the S-PMSI A-D route.
- C-** The ingress PE stops sending the S-PMSI A-D route.
- D-** The ingress PE stops sending the Source Active A-D route.

### Answer:

---

B

## Question 2

---

**Question Type:** MultipleChoice

---

Which of the following is NOT an advantage of using P2MP LSP as P-tunnels that instantiate PMSIs?

**Options:**

---

- A- P-tunnels can be protected with fast reroute for better resiliency.
- B- PIM is no longer required in the provider core.
- C- P2MP LSP tunnels forward multicast traffic only to the PEs with interested receivers.
- D- Traffic engineering of the P-tunnels is possible with P2MP LSPs.

**Answer:**

---

C

## Question 3

---

**Question Type: MultipleChoice**

---

The customer multicast network is running PIM SSM. The MVPN is using BGP A-D to distribute C-multicast routes. Which BGP route does a PE send to the core when it receives a PIM (S,G) Join from its CE?

**Options:**

---

- A- S-PMSI A-D route
- B- Source Active A-D route
- C- Shared Tree Join A-D route
- D- Source Tree Join A-D route

**Answer:**

---

D

## Question 4

---

**Question Type:** MultipleChoice

---

Click the exhibit.

```

*A:PE# show router bgp routes mvpn-ipv4 type spmsi-ad detail
=====
BGP MVPN-IPv4 Routes
=====
Route Type       : Spmsi-Ad
Route Dist.     : 65100:1
Originator IP   : 1.1.1.1
Source IP       : 192.168.1.2
Group IP        : 239.1.1.1
Nexthop        : 1.1.1.1
From           : 1.1.1.1
Res. Nexthop    : 0.0.0.0
Local Pref.    : 100
Aggregator AS  : None
Atomic Aggr.   : Not Atomic
Community      : target:65100:1
Cluster        : No Cluster Members
Originator Id  : None
Peer Router Id : 1.1.1.1
Flags          : Used valid Best IGP
Route Source   : Internal
AS-Path        : No AS-Path
VPRN Imported  : 1
=====
PMSI Tunnel Attribute :
Tunnel-type          : PIM-SSM Tree  Flags          : Leaf not required
MPLS Label           : 0
Root-Node            : 1.1.1.1      P-Group          : 232.10.10.0
=====

```

According to the output shown, which of the following statements is FALSE?

### Options:

- A- The S-PMSI is instantiated by GRE tunnels.
- B- The I-PMSI group address is 232.10.10.0.

- C-** 192.168.1.2 is the IP address of the multicast source.
- D-** The customer is sending multicast traffic to group 239.1.1.1.

**Answer:**

---

B

## Question 5

---

**Question Type: MultipleChoice**

---

Which of the following describes how customer multicast routing information is distributed in NG MVPN?

**Options:**

---

- A-** Customer multicast routing information is distributed only with PIM
- B-** Customer multicast routing information is distributed only with MP-BGP
- C-** Customer multicast routing information is distributed with either PIM or MP-BGP
- D-** Customer multicast routing information is distributed with either mLDP or RSVP-TE

**Answer:**

---

C

## Question 6

---

**Question Type:** MultipleChoice

---

Which of the following is the BGP NLRI used for BGP Auto-Discovery in a MVPN?

**Options:**

---

A- MP\_REACH\_NLRI

B- MP\_UNREACH\_NLRI

C- MCAST-VPN NLRI

D- PMSINLRI

**Answer:**

---

C

## Question 7

---

**Question Type:** MultipleChoice

---

Which of the following actions is not performed by a bud node along a RSVP-TE P2MP LSP?

### Options:

---

- A- Label push operation
- B- Label swap operation
- C- Packet replication
- D- Label pop operation

### Answer:

---

A

## Question 8

---

**Question Type:** MultipleChoice

---



Click the exhibit.

```
"Peer 1: 1.1.1.3: UPDATE
Peer 1: 1.1.1.3 - Received BGP UPDATE:
  Withdrawn Length = 0
  Total Path Attr Length = 69
  Flag: 0x40 Type: 1 Len: 1 Origin: 0
  Flag: 0x40 Type: 2 Len: 0 AS Path:
  Flag: 0x80 Type: 4 Len: 4 MED: 0
  Flag: 0x40 Type: 5 Len: 4 Local Preference: 100
  Flag: 0xc0 Type: 16 Len: 8 Extended Community:
    target:1.1.1.1:4
  Flag: 0x90 Type: 14 Len: 33 Multiprotocol Reachable NLRI:
    Address Family MVPN_IPV4
    NextHop len 4 NextHop 1.1.1.3
    Type: Source-Join Len:22 RD: 65100:1 SrcAS: 65100 Src: 192.168.1.2 Grp:239.1.1.1"
```

Which of the following statements is TRUE regarding the group address 239.1.1.1 in the BGP A-D message?

### Options:

---

- A- 239.1.1.1 is the destination multicast group address of this message.
- B- 239.1.1.1 is the customer multicast group address.
- C- 239.1.1.1 is the I-PMSI group address.
- D- 239.1.1.1 is the 5-PMSI group address.

### Answer:

---

B

## Question 9

---

**Question Type:** MultipleChoice

---

Which of the following about distributing customer multicast group information via BGP A-D is FALSE?

### Options:

---

- A- It supports the use of P2MP LSPs as PMSI tunnels.
- B- It supports both PIM ASM and PIM SSM in a customer network.
- C- There are three new types of BGP A-D routes defined for distributing customer multicast group information.
- D- Two new extended communities are applied to all multicast routes in the VPRN for UMH selection.

### Answer:

---

D

## Question 10

---

**Question Type: MultipleChoice**

---

Which of the following is NOT required when configuring an MVPN with mLDP as its S-PMSI?

**Options:**

---

- A-** The MVPN must be configured with auto-discovery default.
- B-** The I-PMSI must also use mLDP
- C-** A range of multicast group addresses must be specified for the S-PMSI tunnels.
- D-** A data threshold must be specified for instantiating the S-PMSI

**Answer:**

---

C

## Question 11

---

**Question Type: MultipleChoice**

---

Which of the following about the I-PMSI is TRUE?

**Options:**

---

- A-** The I-PMSI enables a PE to transmit packets to a subset of PEs in the MVPN.
- B-** An I-PMSI cannot be instantiated by MPLS P2MP P-tunnels.
- C-** The I-PMSI is created and signaled by PIM or BGP Auto Discovery.
- D-** An I-PMSI can be reused in multiple MVPNs.

**Answer:**

---

C

**To Get Premium Files for 4A0-108 Visit**

**<https://www.p2pexams.com/products/4a0-108>**

**For More Free Questions Visit**

**<https://www.p2pexams.com/nokia/pdf/4a0-108>**

