

## 300-515<sup>Q&As</sup>

Implementing Cisco Service Provider VPN Services (SVPI)

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**QUESTION 1**

An engineer is investigating an EVPN traffic flow issue. Which type of traffic should the engineer allow in an EVPN Tree Service in order to fix this issue?

- A. known unicast from a leaf to another leaf
- B. unknown unicast from a leaf to another leaf
- C. multicast from a leaf to another leaf
- D. known unicast from a root to another root

Correct Answer: D

Reference: <https://tools.ietf.org/html/draft-ietf-bess-evpn-etree-14>

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**QUESTION 2**

In an Ethernet Virtual Circuit environment, which restriction do bridge domains have when STP is running?

- A. The STP mode must be RSTP or PVST+
- B. Bridge domains must be mapped to a different VLAN.
- C. The STP mode must be MSTP
- D. Bridge domains must belong to different MST instances.

Correct Answer: C

Reference: [https://www.cisco.com/c/en/us/td/docs/routers/asr920/configuration/guide/ce/b\\_ce\\_xe-313s-asr920-book/b\\_ce\\_xe-313s-asr920-book\\_chapter\\_01.html#reference\\_770349446ED24E83821EF701DDC46BFD](https://www.cisco.com/c/en/us/td/docs/routers/asr920/configuration/guide/ce/b_ce_xe-313s-asr920-book/b_ce_xe-313s-asr920-book_chapter_01.html#reference_770349446ED24E83821EF701DDC46BFD)

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**QUESTION 3**

An engineer is troubleshooting an EoMPLS circuit on a Cisco IOS XR router interface that removes a VLAN from the distribution layer. Which configuration should the engineer apply in order to accomplish the task?

- A. `interface GigabitEthernet 0/10.l2transport encapsulation dot1q 10 rewrite ingress tag pop 1 symmetric l2vpn xconnect group 103588 p2p 103588 interface GigabitEthernet 0/10.10 neighbor ipv4 10.10.10.2 pw-id 103588`
- B. `interface GigabitEthernet 0/10.10 encapsulation dot1q 10 rewrite ingress tag pop 1 symmetric l2vpn xconnect group 103588 p2p 103588 interface GigabitEthernet 0/10.10 neighbor ipv4 10.10.10.2 pw-id 103588`
- C. `interface GigabitEthernet 0/10.10 l2transport encapsulation dot1q 10 l2vpn xconnect group 103588 p2p 103588 interface GigabitEthernet 2/10.10 neighbor ipv4 10.10.10.2 pw-id 103588`
- D. `interface GigabitEthernet 0/10.10 l2transport encapsulation dot1q 10 rewrite ingress tag translate 1-to-1 dot1ad 10 symmetric l2vpn xconnect group 103588 p2p 103588 interface GigabitEthernet 0/10.10 neighbor ipv4 10.10.10.2 pw-id 103588`

Correct Answer: C

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#### QUESTION 4

Refer to the exhibit.

```
Router 1:
vrf ciscotest
  address-family ipv4 unicast
    import route-target
      101:102
      301:202
    export route-target
      201:202
      401:402
```

An engineer has configured router 1 to provide shared services to clients behind router 2.

To complete the implementation so that routes from router 1 are accepted, what must the engineer configure on router 2?

- A. with import route targets 101:102 and 202:201
- B. with import route targets 201:202 and 401:402
- C. with export route targets 301:202 and 101:102
- D. with export route targets 201:202 and 401:402

Correct Answer: B

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#### QUESTION 5

Which kind of traffic is supported in an MVPN Extranet?

- A. PIM dense mode with Reverse Path Forwarding
- B. PIM dense mode
- C. PIM sparse mode
- D. Bidirectional PIM

Correct Answer: C

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Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/ipmulti\\_mvpn/configuration/xe-16/imc-mvpn-xe-16-book/imc-mc-vpn-extranet.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/ipmulti_mvpn/configuration/xe-16/imc-mvpn-xe-16-book/imc-mc-vpn-extranet.html)

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