



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

Implementing Cisco Service Provider VPN Services (SVPI)

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#### QUESTION 1

```
configure
router bgp 64520
  address-family 12vpn evpn
    neighbor 192.168.1.1

configure
12vpn
  xconnect group evpn-test
  p2p evpn12
    interface TenGigE0/1/0/1
      neighbor evpn evi 12 target 10 source 11
```

Refer to the exhibit. Which effect of this configuration is true?

- A. It configures VPWS multihomed.
- B. It configures VPWS single homed.
- C. It configures an IPv4 peering with 192.168.1.1
- D. It configures MPLS traffic engineering.

Correct Answer: B

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/BRKSPG-2798.pdf>

#### QUESTION 2

You are troubleshooting ARP connectivity issues for an Ethernet interface on an IOS XR network that runs IS-IS. You verify that the IGP protocol is running, but an ARP entry has not yet been created. Which action should you take?

- A. debug ping packets
- B. debug ARP
- C. ping the connected neighbor
- D. verify the RIB table routes

Correct Answer: C

#### QUESTION 3



An engineer is troubleshooting AToM on an IOS XE router and receives an error when creating the xconnect. Which command does he need to complete to create the xconnect in AToM?

- A. encapsulation mpls
- B. encapsulation 12tpv3
- C. protocol 12tpv3
- D. protocol none

Correct Answer: A

#### QUESTION 4

An ISP provides a major client MPLS VPN for managed services. The MPLS engineering team needs to use the advanced VPN feature of selective VRF import so that only specific prefixes are present in the required VPNs. Which aspect of this feature must the team consider?

- A. A route must pass the import route map first and then the route target import filter.
- B. The routers that are imported in the VRF can be BGP and IGP routes, so other match conditions in the route map, besides communities, can be used.
- C. The import-map command is applied under the PE interface that connects to the CE router.
- D. A route is imported into the VRF only when at least one RT that is attached to the route matches one RT that is configured in the VRF and the route is permitted by the import route map.

Correct Answer: D

Reference: <https://www.ccexpert.us/mpls/configuring-selective-vrf-import.html>

#### QUESTION 5

Which two statements about MPLS L3 VPN RDs are true? (Choose two.)

- A. They enable EIGRP to use address families to separate traffic between IPv4 and VPNv4.
- B. They are represented as 32-bit values
- C. They are represented as 64-bit values.
- D. They enable OSPF to import and export routes into the global routing table of a router.
- E. They allow BGP to uniquely identify duplicate routes.

Correct Answer: CE