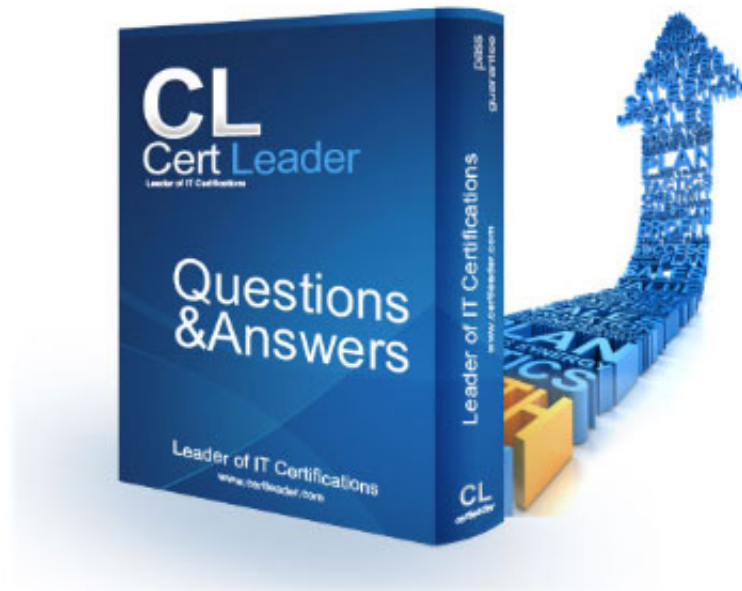


642-889 - SPEDGE Implementing Cisco Service Provider Next-Generation Edge Network Services (SPEDGE)

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1. Which type of VPN requires a full mesh of virtual circuits to provide optimal site-to-site connectivity?

- A. MPLS Layer 3 VPNs
- B. Layer 2 overlay VPNs
- C. GET VPNs
- D. peer-to-peer VPNs

Answer: B

2. Which three Layer 3 VPN technologies are based on the overlay model.? (Choose three.)

- A. ATM virtual circuits
- B. Frame Relay virtual circuits
- C. GRE/IPsec
- D. L2TPv3
- E. MPLS Layer 3 VPNs
- F. DMVPNs

Answer: C,D,F

3. Which VPN technology uses the Group Domain of Interpretation as the keying protocol and IPsec for encryption that is often deployed over a private MPLS core network?

- A. DMVPN
- B. GET VPN
- C. SSL VPN
- D. L2TPv3

Answer: B

4. What is the primary difference between 6PE and 6VPE?

- A. 6VPE does not require an MPLS core.

- B. 6VPE requires an IPv6-aware core.
- C. 6VPE provides IPv6 VPN services.
- D. 6VPE tunnels IPv6 packets inside IPv4 packets.

Answer: C

5. Refer to the Cisco IOS XR router output exhibit.

Which method is being used to transport IPv6 traffic over the service provider network?

- A. 6PE
- B. 6VPE
- C. native IPv6
- D. native IPv4
- E. dual stack

Answer: B

6. Which flavor of MPLS Layer 3 VPN has MPLS enabled on PE-CE links?

- A. basic
- B. CSC
- C. inter-AS
- D. AToM
- E. VPLS

Answer: B

7. Which MP-BGP address family must be configured to use VPLS autodiscovery in a Cisco IOS XR router?

- A. address-family l2vpn vpls-vpws
- B. address-family vpv4 unicast

- C. address-family ipv4 mdt
- D. address-family ipv4 tunnel
- E. address-family vpls vfi

Answer: A

8. In MPLS Layer 3 VPN implementations, what is used on the PE router to isolate potential overlapping routing information between different customers?

- A. route targets
- B. VRFs
- C. VC IDs
- D. pseudowire IDs
- E. pseudowire classes

Answer: B

9. Within the service provider IP/MPLS core network, what must be implemented to enable Layer 3 MPLS VPN services?

- A. IS-IS or OSPF on all the PE and P routers
- B. MP-BGP between the PE routers
- C. RSVP on all the PE and P routers
- D. targeted LDP between the PE routers
- E. LDP between the CE and PE routers

Answer: B

10. In MPLS Layer 3 VPN implementations, which mechanism is used to control which routes are imported to a VRF?

- A. RT

B. RD

C. VC ID

D. PW ID

E. VRF ID

Answer: A

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