



642-889^{Q&As}

Implementing Cisco Service Provider Next-Generation Edge Network Services

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QUESTION 1

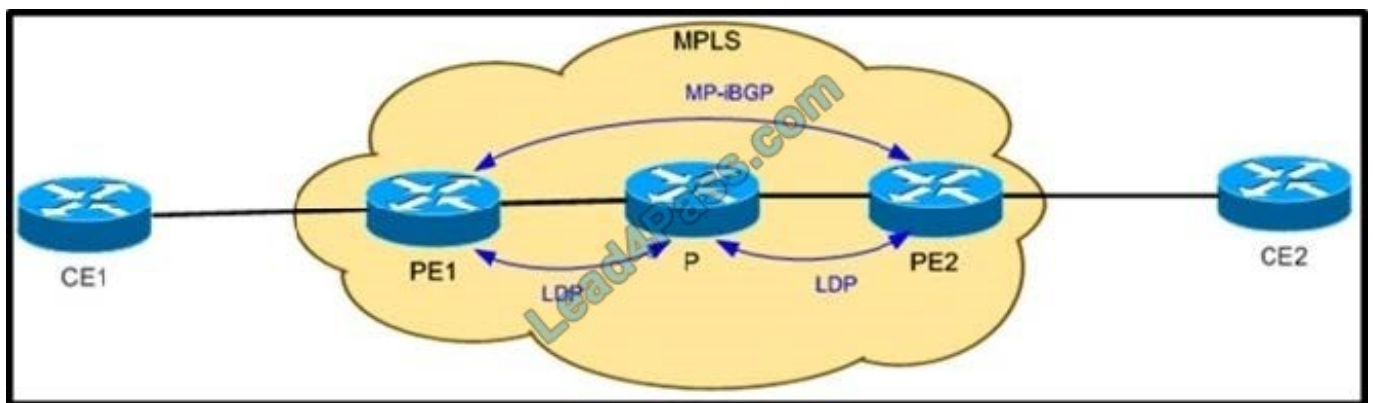
Which command is used in Cisco IOS XE to display the contents of the LIB?

- A. show mpls ldp bindings
- B. show mpls ldp neighbors
- C. show mpls ldp discovery
- D. show mpls forwarding table

Correct Answer: D

QUESTION 2

Refer to the exhibit.



A customer wants to deploy an IPv6 VPN network over the MPLS provider. Which option describes what must be enabled on the MPLS provider to support this request?

- A. IPv6 should be deployed inside the core network of the provider.
- B. LDP also should be configured to provide labels for IPv6 routes.
- C. MP-iBGP VPNv6 session should be configured with current IPv4 addresses.
- D. MP-iBGP IPv6 session should be configured with current IPv4 addresses.

Correct Answer: C

QUESTION 3

Which two statements regarding Cisco 6PE operations are correct? (Choose two.)

- A. The top label in the label stack is assigned by MP-BGP, and it is used to reach the egress PE.



- B. The inner label in the label stack is assigned by MP-BGP, and it is used for IPv6 forwarding at the egress PE.
- C. The top label in the label stack is assigned by LDP, and it is used to reach the egress PE.
- D. The inner label in the label stack is assigned by LDP, and it is used for IPv6 forwarding at the egress PE.

Correct Answer: BC

Reference:

http://www.cisco.com/en/US/prod/collateral/iosswrel/ps6537/ps6553/prod_presentation0900aecd80311df4.pdf

QUESTION 4

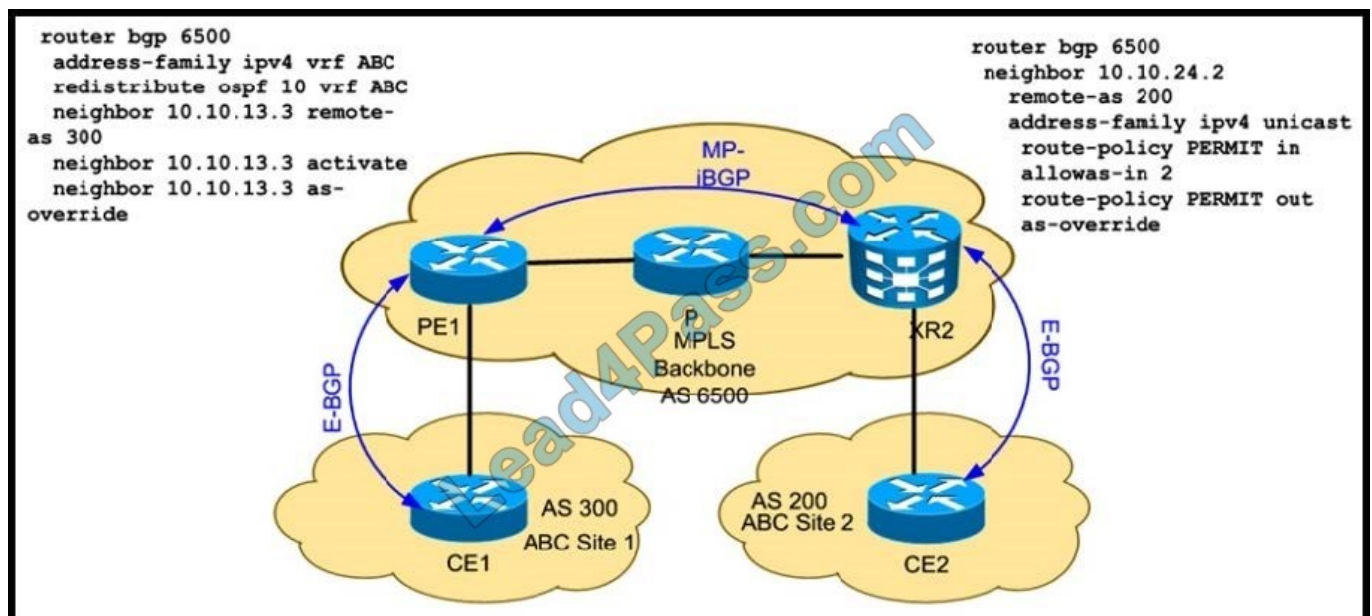
A presale engineer is asked to advise about the various MPLS VPN designs to best fit the customer requirements. Which two MPLS L2VPN features should be highlighted as advantages over a MPLS L3VPN? (Choose two.)

- A. An MPLS L2VPN design is a more appropriate solution for disaster recovery and data backup.
- B. An MPLS L2VPN is a more redundant design compared to a MPLS L3VPN solution.
- C. An MPLS L2VPN design does not require routing interaction with the service provider network.
- D. An MPLS L2VPN design virtually extends the broadcast domain boundary allowing for the customer IGP to fully interoperate between remote sites.
- E. An MPLS L2VPN design does not require monitoring, which provides a significant cost-saving solution.

Correct Answer: CD

QUESTION 5

Refer to the exhibit.





What is the AS-PATH list for an e-BGP update sent from ABC site 1 to ABC site 2 on the CE2 BGP table?

- A. 300 300
- B. 300 6500
- C. 6500 300
- D. 6500 6500
- E. 6500 6500 200

Correct Answer: D

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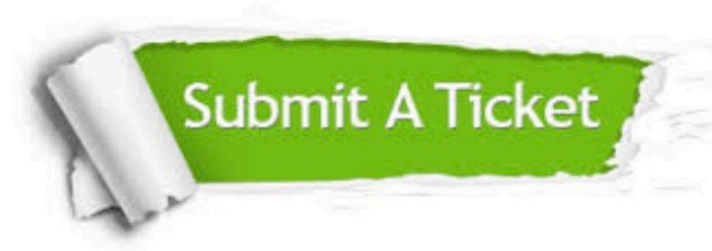
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