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QUESTION & ANSWER

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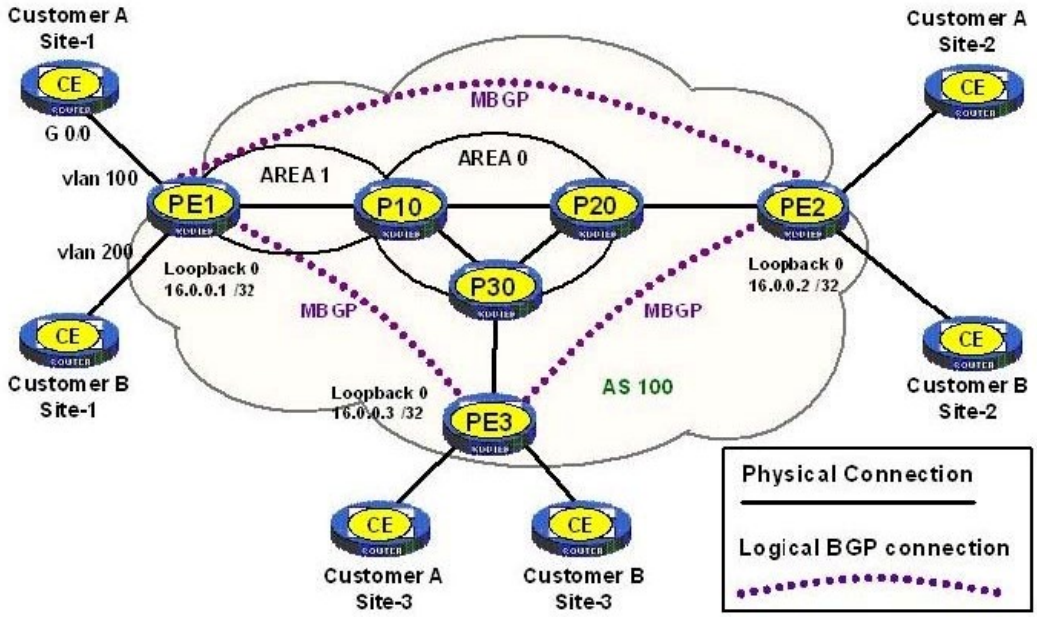
Exam : **HP0-Y36**

Title : Deploying HP Enterprise Networks

Version : Demo

1.Click the Exhibit button.



A provider of MPLS services configures MPLS Layer-3 VPN services for two customers. Each customer has three branch offices that will be interconnected. The address blocks chosen by the customers for each site are:

Customer	Site-1	Site-2	Site-3
A	10.1.0.0 /16	10.2.0.0 /16	10.3.0.0 /16
B	10.1.0.0 /16	10.2.0.0 /16	10.3.0.0 /16

The provider uses OSPF as its IGP with the Loopback 0 addresses shown as the OSPF router-id and the MPLS LSR-ID. Customer A Site 1 successfully pings Customer A Site 2. This ICMP echo request is captured on the Ethernet segment between routers P-10 and P-20. What is found on this packet capture? (Select two.)

A. MPLS VPN label

B. VPN target

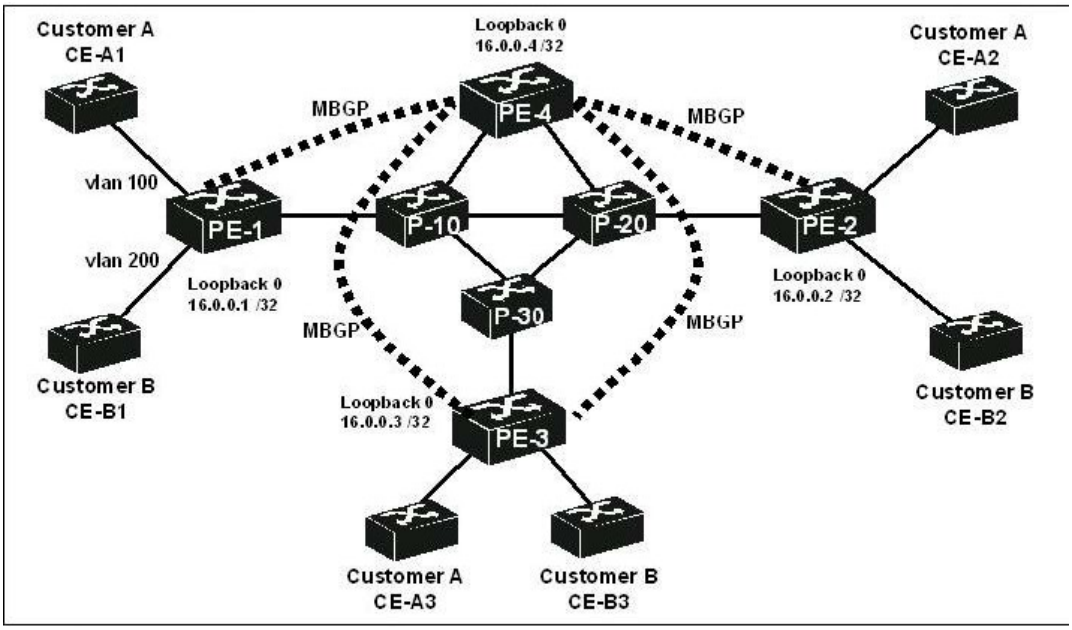
C. MPLS outer label corresponding to the LSR-ID of P-20

D. MPLS outer label corresponding to FEC 16.0.0.2

E. route distinguisher

Answer: A,D

2.Click the Exhibit button.



A provider of MPLS services configures MPLS Layer-3 VPN services for two customers. Each customer has three branch offices that will be interconnected. The address blocks chosen by the customers for each site are:

Customer	VPN-instance	Site-1	Site-2	Site-3
A	Cust-A	10.1.0.0 /16	10.2.0.0 /16	10.3.0.0 /16
B	Cust-B	10.1.0.0 /16	10.2.0.0 /16	10.3.0.0 /16

The provider has established only four Multi-Protocol BGP peers as shown in the exhibit. PE-4 has no customer connections. Neither MPLS L3VPN is functional. Which configuration steps are required if this topology is to be operational for both customers.? (Select two.)

A. Create VPN instances Customer A and Customer B on PE-4.

B. Configure PE-4 as a route-reflector within the bgp l3vpn-family.

C. Configure PE-4 as a route-reflector within the ipv4-family vpnv4.

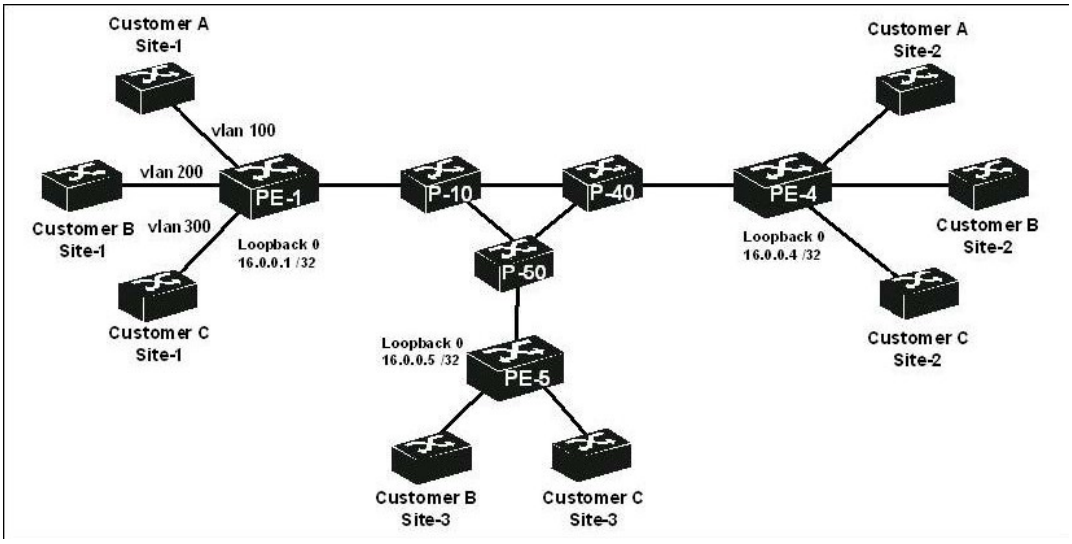
D. Configure PE-4 as a route-reflector within the ipv4-family vpn-instance Cust-A and vpn-instance Customer B.

E. Configure PE-4 as a bgp route-reflector.

F. Configure MBGP peers for P-10, P-20, and P-30.

Answer: A,C

3.Click the Exhibit button.



A provider of MPLS services offers multiple types of MPLS-based VPNs to its customers. Provider Edge router PE-1 directly connects to the following three customers:

Customer	MPLS service	Number of Sites
A	MPLS L2VPN Martini mode	2
B	VPLS - Kompella mode	3
C	MPLS L3VPN	3

What is the minimum number of LDP peers established on Router PE-1?

A. 1

B. 2

C. 3

D. 4

E. 5

Answer: B

4.Which technology in an MPLS L2VPN can provide ordered delivery of Ethernet frames?

A. TCP-based L2VPN

B. Control Word

C. Ethernet raw access circuit

D. VLAN pseudowire class

E. MPLS EXP bits

Answer: B

5.Which BGP attributes must be present in a BGP routing update? (Select three.)

A. community

B. MED

C. origin type

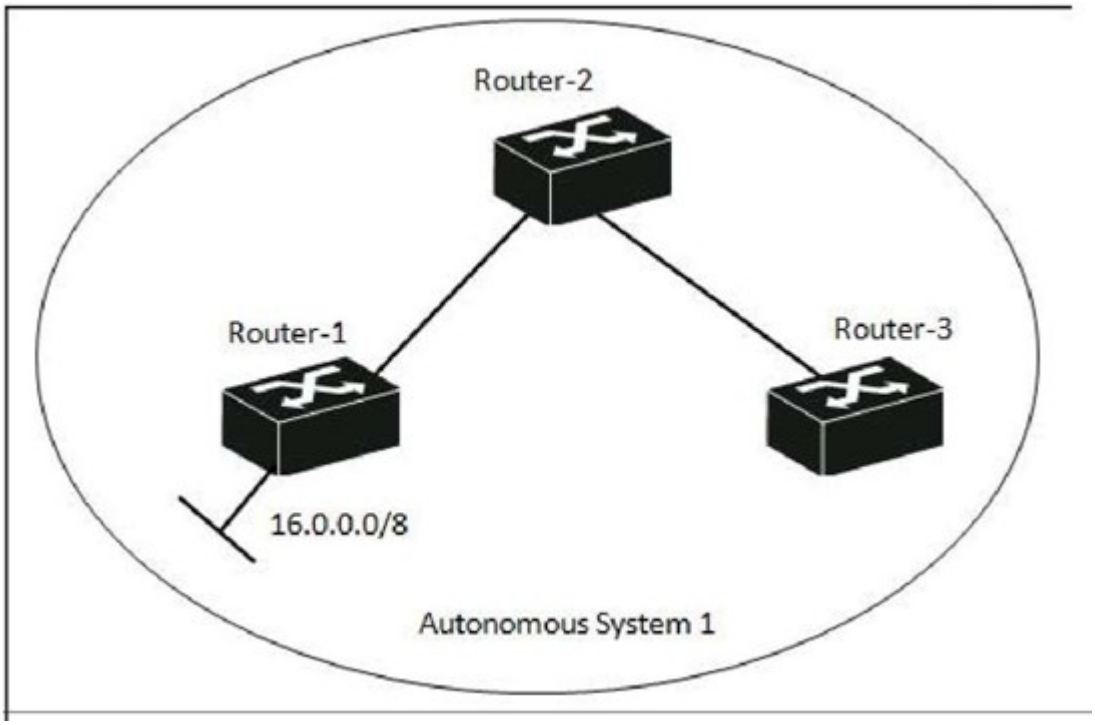
D. local preference

E. AS path

F. next hop

Answer: C,E,F

6.Click the Exhibit button.



Router-1 and Router-2 are BGP peers. Router-2 and Router-3 are BGP peers. However, Router-3 has not learned the 16.0.0.0/8 BGP route. How can you resolve this issue? (Select two.)
A. Enable IGP synchronization on all routers.
B. Prepend AS1 to the 16.0.0.0/8 route on Router-1.
C. Enable BGP peering between Router-1 and Router-3.
D. Adjust the local preference of 16.0.0.0/8 on Router-1.
E. Configure Router-2 as a route reflector and Router-1 and Router-3 as clients.
F. Establish a physical link between Router-1 and Router-3.
Answer: C,E

7.What can be included in BGP or multi-protocol BGP Network Layer Reachability Information (NLRI)? (Select three.)
A. AS 65001
B. 10.0.0.0 /9
C. MED
D. Remote LDP Session
E. BGP ORF
F. VPN Target
G. VPLS Label Block
H. 6500:301:192.168.0.0 /16
Answer: B,G,H

8.Which characteristics of a Circuit Cross Connect (CCC) L2VPN distinguish it from the Martini or Kompella versions? (Select two.)

A. It requires a stack of three MPLS labels.
B. It includes exactly two endpoints of the VPN.
C. It can operate with fewer than two MPLS labels.
D. It does not require any Label signaling.
Answer: C,D

9.In the configuration of a Martini version L2VPN on two PE routers, which parameter must be identical?
A. S-VID
B. PW-ID
C. VLAN-ID
D. Service Instance number
E. VPN-Target
F. Remote LDP Peer IP address
Answer: B

10.Which parameters must be configured on two PE routers to provision an Ethernet L2VPN in Martini mode? (Select four.)
A. PW-ID
B. LDP Remote Peer
C. VPN Instance
D. Service Instance
E. S-VID
F. L2VPN Address Family
G. Route Distinguisher
H. IP Binding
Answer: A,B,D,E