

Vendor: HP

Exam Code: HP0-Y37

Exam Name: Migrating and Troubleshooting HP Enterprise Networks

Version: DEMO

QUESTION 1
Click the Exhibit button.

BGP Configuration in HP Comware OS

```
bgp 100
 network 200.1.0.0 255.255.254.0
 peer 222.222.10.1 as-number 200
 peer 222.222.10.1 route-policy IN-CORP1 import
 peer 222.222.10.1 bfd
quit
#
acl number 2001
 description networks in 200.X.X.X
 rule 0 permit source 200.0.0.0 0.255.255.255
#
 ip as-path 2 permit _200$
#
route-policy IN-CORP1 deny node 10
 if-match acl 2001
route-policy IN-CORP1 permit node 20
 if-match as-path 2
 apply local-preference 200
route-policy IN-CORP1 permit node 30
 apply local-preference 100
```

Which statements are true about the BGP configuration of this HP A-Series router? (Select two.)

A. The router announces IP prefix 200.1.0.0/23 to its BGP neighbor if the network is in routing table.
B. The as-path ACL define networks that were last forwarded by AS 200.
C. The configuration includes a filter out to the neighbor 222.222.10.1.
D. The BGP router is in AS 200 and its BGP neighbor is in AS 100.
E. The BGP router will establish a BFD connection with its BGP neighbor 222.222.10.1 if the neighbor is also configured for BFD

Answer: AE

QUESTION 2
You want to add HP edge switches to a company's Cisco network. Distribution Cisco switches are set as the Rapid PVST+ root and secondary root. You connect HP A-Series switches that are running their factory default configuration to the two Cisco distribution switches. What will happen.?

A. If you connect the edge switch with a redundant link to both distribution switches, you create a loop and a broadcast storm on the Cisco network.
B. Cisco distribution switches send tagged PVST+ BPDUs to the HP switch. Because 802.1q is not yet configured on HP switch uplinks, the PVST+ BPDUs are dropped. A loop occurs.
C. Cisco distribution switches send untagged standard BPDUs to the HP switch in VLAN 1, and in response the HP switch blocks one of the uplinks on all VLANs, preventing a loop.
D. Cisco distribution switches send untagged standard BPDUs to HP switch in VLAN 1, which the HP switch forwards to the other distribution switch, preventing a loop. The HP switch drops all tagged data frames.

Answer: D

QUESTION 4
A company's LAN is composed of Cisco switches only. The network runs Rapid PVST+ with the short pathcost method. Cisco distribution switches are set as root and secondary root in all VLANs. These two switches connect over an Etherchannel. The company wants to install HP PoE switches at the edge of its LAN. The customer wants to keep the load-balancing of traffic that is set in PVST+. What are the possible options? (Select three.)

A. ensure Spanning Tree is disabled on the HP edge switch, and configure loop-protection on edge ports to avoid local loops
B. if the HP edge switch is an A-Series switch, configure Smart Link with load balancing between instances
C. if the HP edge switch is an A-Series switch, configure Rapid PVST+ on it
D. configure MSTP on the HP edge switch, but set the cost of its uplink higher than that on the channel between the distribution switches
E. configure MSTP on the HP edge switch and divide the VLANs into different instances
F. configure MSTP on the HP edge switch and set its uplink port cost to 5
G. configure MSTP on the HP edge switch, but set the cost of its uplink lower than that on the channel between the distribution switches

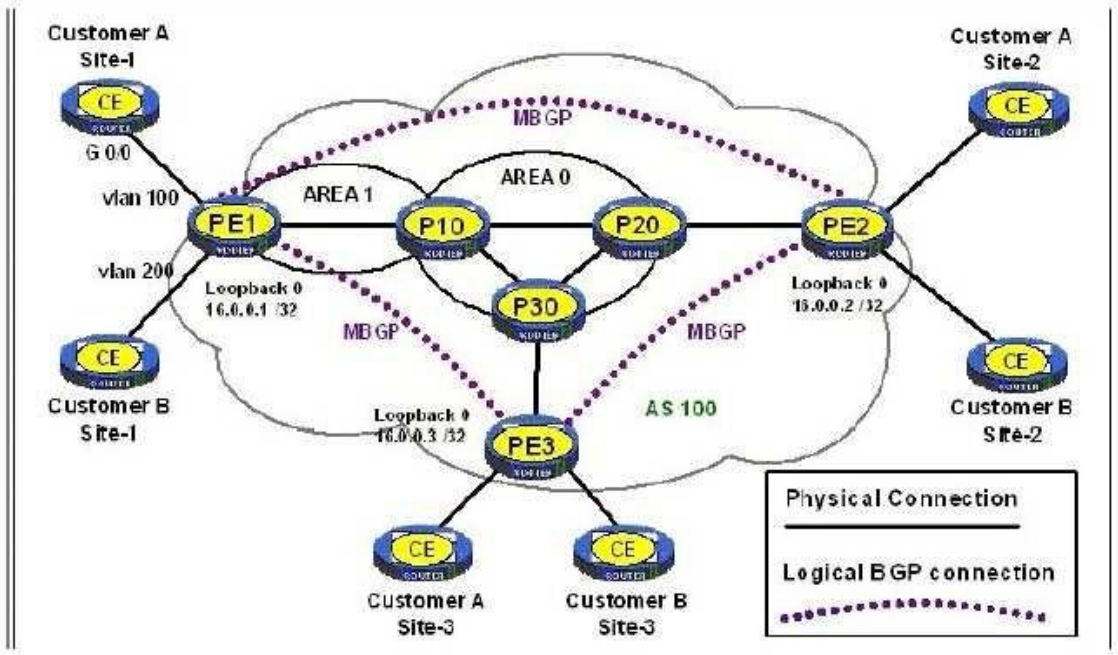
Answer: ABD

QUESTION 5
A provider of MPLS services configures MPLS Layer-3 VPN services for three customers. Each customer has three branch offices that will be interconnected by MPLS Layer-3 VPNs. One customer is advertising their IP prefixes between sites using BGP. This customer establishes a backup link directly connecting Site-1 to Site-2. Which BGP attribute can the provider use to prevent routing update loops in the MPLS network?

A. COO
B. FOO
C. KOO
D. SOO
E. VOO

Answer: D

QUESTION 6
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 by MPLS Layer-3 VPNs. The address blocks chosen by the customers for each site are shown in the following chart:
The provider uses OSPF as its IGP with the Loopback 0 addresses shown as the OSPF router-id and the MPLS LSR-ID. A traceroute from Cust-A Site #1 to Cust-A Site #2 displays 5 intermediate routers.
Which statements are true? (Select three.)

A. MPLS label TTL expires on P-10.
B. TTL propagation is enabled on PE-1.
C. All but the first trace is processed by PE-2.
D. IP TTL expires on P-20.
E. PE-1 generates ICMP echo replies on behalf of P-10 and P-20.
F. TTL propagation is disabled on PE-1.

Answer: ABC

QUESTION 7
Which statements are true about DHCP Snooping? (Select two.)

A. DHCP Snooping is a Cisco Proprietary protocol. The standard is not yet ratified.
B. DHCP Snooping prevents end nodes from receiving IP address assignments from an unauthorized DHCP server.
C. DHCP Snooping is a malicious attack against the DHCP servers.
D. The DHCP Snooping binding table contains information about hosts interconnected with a trusted interface.
E. DHCP Snooping is when a switch acts as a DHCP server for end nodes that connect to that particular switch. This way, end nodes always get an IP address.
F. When configuring DHCP Snooping on a switch, you define which ports are trusted to receive DHCP offers. Typically uplinks of a switch are trusted and Edge ports are untrusted.

Answer: BF

QUESTION 8
Which statements about BPDU Guard are correct? (Select three.)

A. It is a Cisco proprietary protocol that prevents other switches from sending BDPUs.
B. BPDU Guard filters the standard BDPUs received on the port.
C. BPDU Guard filters the PVST BDPUs received on the port.
D. BPDU Guard generates an alarm when a BPDU is received on the port and may block the port.
E. BPDU Guard is an open standard.
F. BPDU Guard is not a protocol. It must be applied locally and individually on switches.

Answer: BDF

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