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## Q&A

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**Exam** : **400-007**

**Title** : Cisco Certified Design  
Expert

**Version** : DEMO

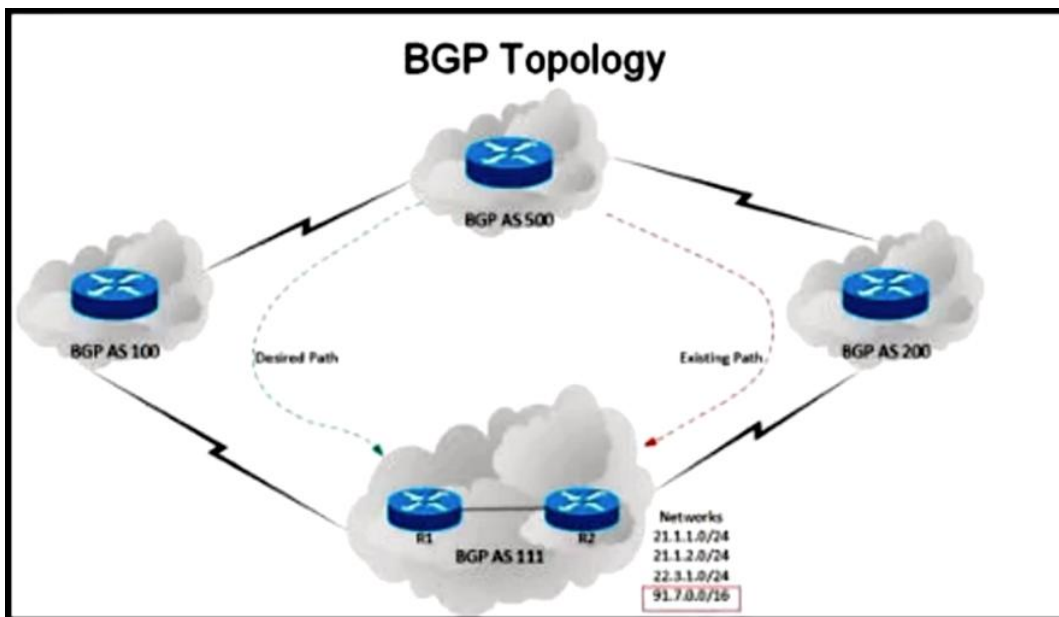
1.You are designing a network running both IPv4 and IPv6 to deploy QoS.

Which consideration is correct about the QoS for IPv4 and IPv6?

- A. IPv4 and IPv6 traffic types can use queuing mechanisms such as LLQ, PQ and CQ.
- B. IPv6 packet classification is only available with process switching, whereas IPv4 packet classification is available with both process switching and CEF.
- C. IPv6 and IPv4 traffic types can use a single QoS policy to match both protocols
- D. Different congestion management mechanisms need to be used for IPv4 and IPv6 traffic types

**Answer: A**

2.Refer to the exhibit.



An engineer has been asked to redesign the traffic flow toward AS 111 coming from AS 500. Traffic destined to AS 111 network 91 7 0.0/16 should come in via AS 100. while traffic destined to all other networks in AS 111 should continue to use the existing path.

Which BGP attributes are best suited to control this inbound traffic coming from BGP AS 500 Into the 91.7.0.0/16 network?

- A. Prepend AS path for the 91.7.0.0/16 network and set it for neighbor in AS 200.
- B. Use extended community for the 91.7.0.0/16 network, not advertising it to the bi-lateral peer.
- C. Use local preference on R1 for the networks that AS 500 advertises to AS 111.
- D. Set higher MED for neighbor in AS 100 to influence incoming traffic for the 91. 7.0.0/16 network.

**Answer: A**

3.DRAG DROP

Drag and drop the multicast protocols from the left onto the current design situation on the right.

PIM-SM, SSM, BIDIR	IPv4 Group Management
PIM-DH, PIM-SM, SSM, BIDIR	IPv4 Forwarding
IGMP	IPv4 Interdomain Source Discovery
MSDP	IPv6 Group Management
MLD	IPv6 Forwarding

**Answer:**

PIM-SM, SSM, BIDIR	IGMP
PIM-DH, PIM-SM, SSM, BIDIR	PIM-DH, PIM-SM, SSM, BIDIR
IGMP	MSDP
MSDP	MLD
MLD	PIM-SM, SSM, BIDIR

**Explanation:**

A picture containing table  
Description automatically generated

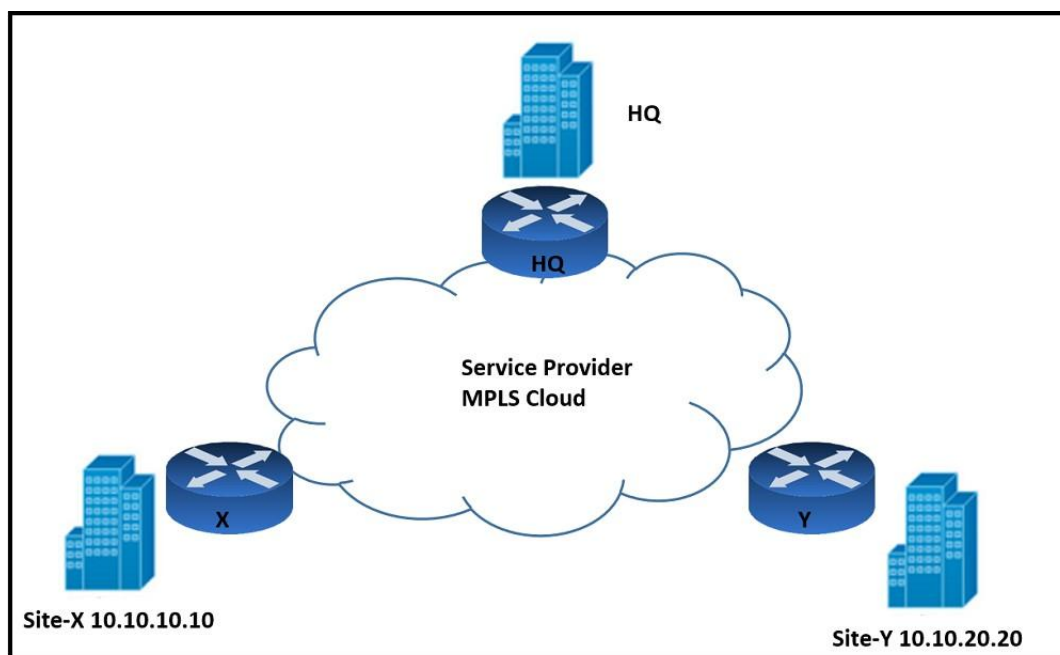
4. Which three components are part of the foundational information security principles of the CIA triad?

(Choose three.)

- A. cryptography
- B. confidentiality
- C. C. authorization
- D. identification
- E. integrity
- F. availability

**Answer:** B,E,F

5. Refer to the exhibit.



An architect must design an enterprise WAN that connects the headquarters with 22 branch offices. The number of remote sites is expected to triple in the next three years.

The final solution must comply with these requirements:

- ☞ Only the loopback address of each of the enterprise CE X and Y routers must be advertised to the interconnecting service provider cloud network.
- ☞ The transport layer must carry the VPNv4 label and VPN payload over the MP-BGP control plane.
- ☞ The transport layer must not be under service provider control.

Which enterprise WAN transport virtualization technique meets the requirements?

- A. EIGRP Over the Top
- B. MPLS over BGP over multipoint GRE
- C. DMVPN per VRF
- D. point-to-point GRE per VRF

**Answer: B**