

300-420^{Q&As}

Designing Cisco Enterprise Networks (ENSLD)

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QUESTION 1

An architect must address sustained congestion on the access and distribution uplink of network. QoS has already been implemented and optimized, but it is no longer effective in ensuring optimal network performance. Which two solutions should the architect use to improve network performance? (Choose two)

- A. Reconfigure QoS based on the IntServ model
- B. Utilize random early detection to manage queues
- C. Implement higher-speed uplink interfaces
- D. Bundle additional uplinks into logical EtherChannels
- E. Configure selective packet discard to drop noncritical network traffic.

Correct Answer: CD

QUESTION 2

An engineer must design a management network that enables SSH, NTP, FTP, and SNMP over the production network. The design requires the management of routers and switches that exist across different networks. Which feature must the design include?

- A. Management Plane Protection
- B. dedicated management console connection per device
- C. terminal server
- D. dedicated management VRF connection per device

Correct Answer: D

QUESTION 3

Which solution allows overlay VNs to communicate with each other in an SD-WAN Architecture?

- A. External fusion routers can be used to map VNs to VRFs and selectively route traffic between VRFs.
- B. GRE tunneling can be configured between fabric edges to connect one VN to another.
- C. SGTs can be used to permit traffic from one VN to another.
- D. Route leaking can be used on the fabric border nodes to inject routes from one VN to another.

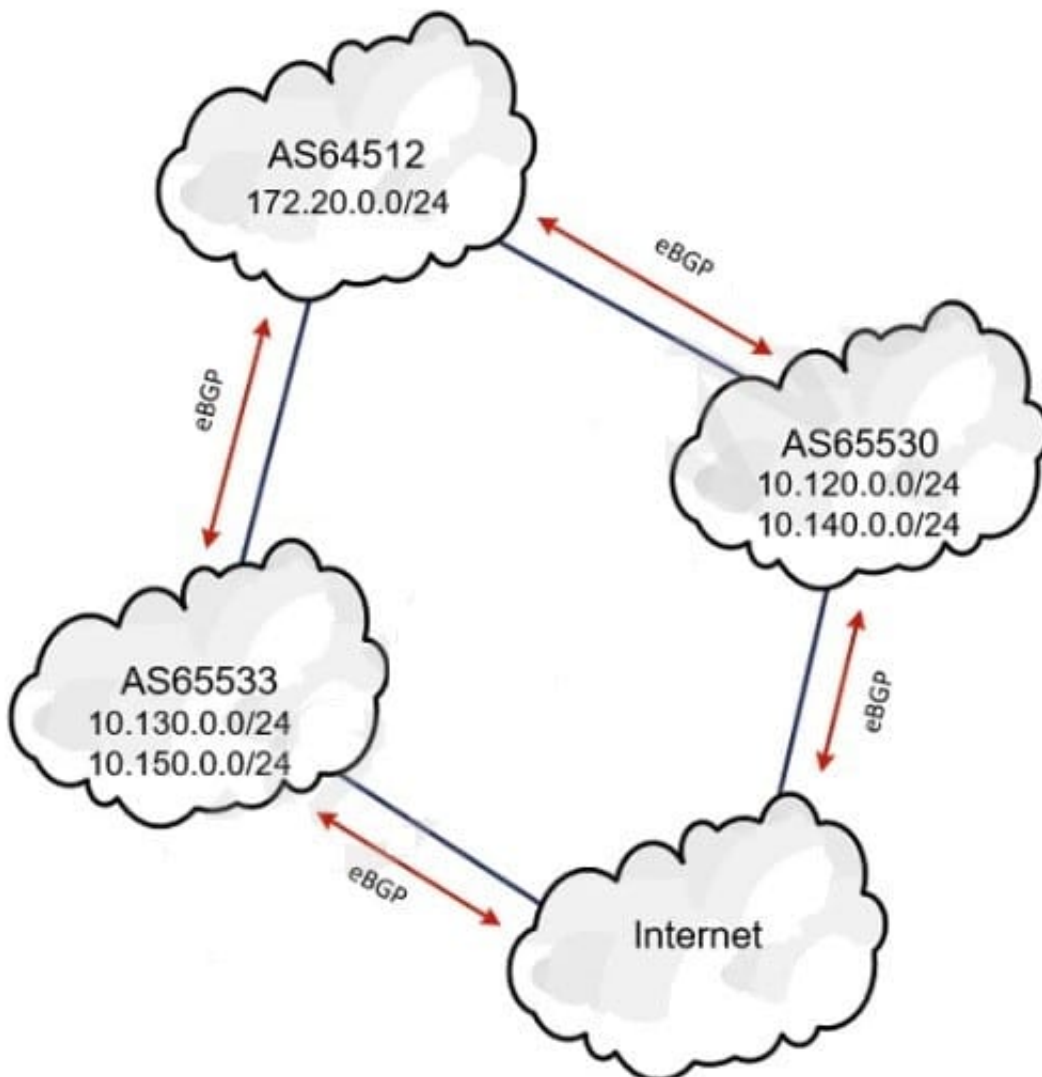
Correct Answer: A

QUESTION 4

Refer to the exhibit. An architect must create a stable and scalable EIGRP solution for a customer. The design must:

1.
conserve bandwidth, memory, and CPU processing
2.
prevent suboptimal routing
3.
avoid any unnecessary queries

Which two solutions must the architect select? (Choose two.)



- A. route summarization
- B. prefix lists
- C. distribute lists
- D. stub routing
- E. static redistribution

Correct Answer: AD

QUESTION 5

Which control-plane protocol is used to map an endpoint to a location in a Cisco SD-Access network?

- A. FabricPath
- B. IS-IS
- C. LISP
- D. MP-BGP

Correct Answer: C

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