



300-420^{Q&As}

Designing Cisco Enterprise Networks (ENSLD)

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QUESTION 1

Which design achieves SD-WAN control plane redundancy?

- A. Configuring BFD on the WAN Edge routers
- B. Using multiple instances of vManage in clusters
- C. Deploying using a virtual platform like UCS or CSP
- D. Managing the underlay network with OMP

Correct Answer: D

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/ha-scaling/ios-xe-17/high-availability-book-xe/m-high-availability-and-scaling.html>

Software mechanisms ensure rapid recovery from a failure. To provide a resilient control plane, the Cisco SD-WAN Overlay Management Protocol (OMP) regularly monitors the status of all Cisco IOS XE SD-WAN devices in the network and automatically adjusts to changes in the topology as devices join and leave the network. For data plane resiliency, the Cisco SD-WAN software implements standard protocol mechanisms, specifically Bidirectional Forwarding Detection (BFD), which runs on the secure IPsec tunnels between routers.

QUESTION 2

An engineer is designing a multicast network for a financial application. Most of the multicast sources also receive multicast traffic (many-to-many deployment model). To better routing tables, the design must not use source trees. Which multicast protocol satisfies these requirements?

- A. BIRDIR-PIM
- B. PIM-SM
- C. MSDP
- D. PIM-SSM

Correct Answer: A

QUESTION 3

What statement is true regarding the current time in Enterprise Networking history?

- A. advent of IoT
- B. technology pace of change
- C. pervasive use of mobile devices



D. advent of cloud computing

Correct Answer: B

QUESTION 4

Which control-plane technology allows the same subnet to exist across multiple network locations?

- A. LISP
- B. VXLAN
- C. FabricPath
- D. ISE mobility services

Correct Answer: A

<https://www.cisco.com/c/en/us/td/docs/solutions/CVD/Campus/cisco-sda-design-guide.html>

QUESTION 5

Which two Cisco ISE use cases typically involve the highest level of implementation complexity? (Choose two.)

- A. Asset visibility
- B. Device management
- C. Software-defined segmentation
- D. Software-defined access
- E. Guest and wireless access

Correct Answer: CD

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