

500-490^{Q&As}

Designing Cisco Enterprise Networks

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QUESTION 1

Which two statements regarding Cisco SD-WAN vEdge routers can mitigate DoS attacks against the infrastructure? (Choose two.)

- A. Open Certificate Authority and automated enrollment feature.
- B. By default, all incoming traffic is denied at the transport (WAN) side interfaces.
- C. Only authorized controllers are allowed to communicate back to the vEdge router after the vEdge router establishes connections with the controllers.
- D. In case of direct Internet access, the only traffic allowed back is the traffic matching the state table entries on the vEdge router.
- E. The vEdge routers run on hardened Linux operating systems.

Correct Answer: CE

QUESTION 2

What is the easiest way to enable SD-Access for all your remote sites after you have your campus SD-Access fabric up and running?

- A. Treat all sites as one fabric domain and use the traditional physical network as the underlay.
- B. Use a separate fabric domain for each site and use SD-WAN as the underlay.
- C. Use a separate fabric domain for each site and use the traditional physical network as the underlay.
- D. Treat all the sites as one fabric domain and use SD-WAN as the underlay.

Correct Answer: D

QUESTION 3

Which are the three focus areas for reinventing the WAN? (Choose three.)

- A. Centralized device authentication
- B. Secure Elastic Connectivity
- C. Application Quality of Experience
- D. Operations
- E. Cloud First
- F. Execution

Correct Answer: BCE

QUESTION 4

Which protocol runs between the vSmart controllers and between the vSmart controllers and the vEdge routers, and unifies all control plane functions under a single protocol umbrella?

- A. BGP
- B. OSPF
- C. IKE
- D. OMP
- E. VRRP

Correct Answer: D

QUESTION 5

Which two statements describes Cisco SD-Access? (Choose two.)

- A. programmable overlays enabling network virtualization across the campus
- B. an automated encryption/decryption engine for highly secured transport requirements
- C. software-defined segmentation and policy enforcement based on user identity and group membership
- D. a collection of tools and applications that are a combination of loose and tight coupling
- E. an overlay for the wired infrastructure in which traffic is tunneled via a GRE tunnel to a mobility controller for policy and application visibility

Correct Answer: AC

QUESTION 6

Which are two advantages of a "one switch at a time" approach to integrating SD-Access into an existing brownfield environment? (Choose two.)

- A. appropriate for campus and remote site environment
- B. allows simplified testing prior to cutover
- C. ideal for protecting recent investments while upgrading legacy hardware
- D. involves the least risk of all approaches
- E. opens up many new design and deployment opportunities
- F. allows simplified roll back

Correct Answer: AC

QUESTION 7

Which component of the SD-Access fabric is responsible for communicating with networks that are external to the fabric?

- A. edge nodes
- B. control plane nodes
- C. intermediate nodes
- D. border nodes

Correct Answer: D

QUESTION 8

Which three options focus of the current digital business era? (Choose three.)

- A. IoT scale
- B. connectivity
- C. virtualized services
- D. automation
- E. centralized enterprise and web applications
- F. Human scale

Correct Answer: ACD

QUESTION 9

Which two primary categories are displayed on the overall health page of the assurance component in the Cisco DNA Center? (Choose two.)

- A. Wired
- B. Client
- C. Access-Distribution
- D. Server
- E. Core
- F. Network

Correct Answer: BF

QUESTION 10

Which three ways are SD-Access and ACI Fabric similar? (Choose three.)

- A. use of overlays
- B. use of Virtual Network IDs
- C. focus on user endpoints
- D. use of group policy
- E. use of Endpoint Groups
- F. use of Scalable Group Tags

Correct Answer: ABC

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