

Cisco

Exam Questions 500-490

Designing Cisco Enterprise Networks exam



NEW QUESTION 1

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

Answer: ABC

NEW QUESTION 2

Which Cisco product supports SD-Access and specifically built to address new challenges faced by enterprises?

- A. Nexus 7700 w/ Sup2E and M3 line cards
- B. ISR 4221
- C. Catalyst 9500
- D. ASR 1000 MX
- E. CSRv virtual router
- F. Catalyst 6807-XL W/ Sup6T and C6800 10G line cards

Answer: B

NEW QUESTION 3

Which Cisco products were incorporated into Cisco ISE between ISE releases 2.0 and 2.3?

- A. Cisco ASA
- B. Cisco ESA
- C. Cisco ACS
- D. Cisco WSA

Answer: C

NEW QUESTION 4

Which two options are primary functions of Cisco ISE? (Choose two.)

- A. providing VPN access for any type of device
- B. providing information about every device that touches the network
- C. enabling WAN deployment over any type of connection
- D. automatically enabling, disabling, or reducing allocated power to certain devices
- E. enforcing endpoint compliance with network security policies
- F. allocating resources

Answer: BE

NEW QUESTION 5

Which are two Cisco recommendations that demonstrates SDA? (Choose two.)

- A. Use the CLI to perform as much of the configuration as possible
- B. Show the customer how to integrate ISL into DNA Center at the end of the demo
- C. Focus on business benefits
- D. Keep the demo at a high level
- E. Be sure you explain the major technologies such as VXLAN and LISP in depth

Answer: CD

NEW QUESTION 6

Which two statements are true regarding Cisco ISE? (Choose two.)

- A. The major business outcomes of ISE are enhanced user experience and secure VLAN segmentation
- B. ISE plays a critical role in SD Access
- C. Without integration with any other product, ISE can track the actual physical location of a wireless endpoint as it moves
- D. ISE can provide data about when a specific device connected to the network
- E. An ISE deployment requires only a Cisco ISE network access control appliance

Answer: BD

NEW QUESTION 7

Which two statements describe 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.

Answer: AC

NEW QUESTION 8

Which element of the Cisco SD-WAN architecture facilitates the functions of controller discovery and NAT traversal?

- A. vBond orchestrator
- B. vManage
- C. vSmart controller
- D. vEdge

Answer: A

NEW QUESTION 9

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 environments
- B. allows simplified testing prior to cutover
- C. deal 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

Answer: AC

NEW QUESTION 10

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

- A. advent of cloud computing
- B. pace of change
- C. pervasive use of mobile devices
- D. advent of IoT

Answer: B

NEW QUESTION 10

Which two statements are true regarding Cisco ISE? (Choose two.)

- A. In distributed deployments, failover from primary to secondary Policy Administration Nodes happens automatically.
- B. The number of logs that ISE can retain is determined by your disk space
- C. ISE supports IPv6 downloadable ACLs
- D. ISE can detect endpoints whose addresses have been translated via NAT.
- E. ISE supports up to 100 Policy Services Nodes
- F. In two-node standalone ISE deployments failover must be done manually

Answer: AB

NEW QUESTION 14

Which two activities should occur during an SE's discovery process? (Choose two.)

- A. Establishing credibility with the customer
- B. Working with the customer to develop a reference architecture
- C. Referencing the PPDIOO model to effectively facilitate the discussion
- D. Gathering information about the current state of the customer's network environment
- E. Mapping Cisco innovation to customer's needs

Answer: AD

NEW QUESTION 18

How would Cisco ISE handle authentication for your printer that does not have a supplicant?

- A. ISE would not authenticate the printer as printers are not subject to ISE authentication.
- B. ISE would authenticate the printer using 802.1X authentication
- C. ISE would authenticate the printer using MAB.
- D. ISE would authenticate the printer using web authentication.
- E. ISE would authenticate the printer using MAC RADIUS authentication

Answer: C

NEW QUESTION 23

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

Answer: D

Explanation:

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/Campus/CVD-Software-Defined-Access-Design-Guide-2018AUG.pdf>

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/Campus/CVD-Software-Defined-Access-Design-Gu>

NEW QUESTION 26

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