



Vendor: Cisco

Exam Code: 500-490

Exam Name: Designing Cisco Enterprise Networks

Version: DEMO

QUESTION 1

What are the three foundational elements required for the new operational paradigm? (Choose three.)

- A. centralization
- B. assurance
- C. application QoS
- D. multiple technologies at multiple OSI layers
- E. policy-based automated provisioning of network
- F. fabric

Answer: BEF

Explanation:

Foundational Elements Required for New Operational Paradigm: Services, Fabric, Policy, Assurance.

[https://www.orbe.es/wp-](https://www.orbe.es/wp-content/uploads/2017/11/DNA_Bootcamp_SDA_CustomerLEO_Orbe.compressed.pdf)

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QUESTION 2

Which Cisco product 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

Explanation:

ISE 2.3 includes the final suite of capabilities designed to reach feature parity with Cisco Secure Access Control System (ACS), allowing all existing ACS customers to migrate their deployment to ISE. New features include TACACS+-based device administration for IPv6, import and export capabilities for TACACS+-based command sets, policy export scheduling, IP range support in all octets, and more. See the ACS vs ISE Comparison for feature comparisons with every release of ISE.

QUESTION 3

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-HX
- E. CSRv virtual router
- F. Catalyst 6807-XL w/Sup6T and C6800 10G line cards

Answer: C

Explanation:

The Catalyst 9K platform has been built to address security risks posed by advanced persistent threats, operational complexities associated with IoT convergence, evolving mobility requirements and a need to take advantage of Cloud agility & consumption models.

QUESTION 4

What is the easiest way to enable SD-Access for all your remote sites after you have your campus SDAccess 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.

Answer: A

Explanation:

The entire point is to treat your AS (autonomous system) as a single fabric domain providing AnyCast Gateway Services.

Cisco is approaching SD-WAN like Physical Access Cards: Your card number (in this case IP Address) goes with you anywhere in the company controlled AS.

QUESTION 5

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.

Answer: CDE

Explanation:

Only traffic that matches NAT table entries allowed back in. This is predicated on the fact the traffic originated on internal, trusted, vEdge routers.

QUESTION 6

What should you do if you are looking at a strategic win with a customer and the customer wants to examine Cisco ISE for longer than a few weeks?

- A. Give them some of our flash files that can be played on any browser.
- B. Set them up with an account on a Cisco UCS server that hosts ISE.
- C. Set them up with a dCloud account.
- D. Give them our ISE YouTube videos.
- E. Provide them with a downloadable POV lit.
- F. Point them to our dCloud demo library.

Answer: E

Explanation:

dCloud sessions only lasts a few weeks and the question specifically mentions more than a few weeks.

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