

Cisco

500-650

Designing Cisco Application Centric Infrastructure (DCACID)

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Question: 1

Which factors should be considered when designing Cisco APIC deployment?

(Choose two)

Response:

- A. Environmental conditions
- B. Scalability needs
- C. Color scheme of the hardware
- D. Disaster recovery plans

Answer: B,D

Question: 2

When designing QoS for inter-pod and inter-site networks in Cisco ACI, what factors must be prioritized?

(Choose Three)

Response:

- A. Bandwidth limitations
- B. Latency optimization
- C. Packet loss minimization
- D. Color-based marking
- E. Priority settings based on traffic type

Answer: A,B,C

Question: 3

Select effective design approaches for Cisco ACI external Layer 3 connectivity.

(Choose Two)

Response:

- A. Integration with existing MPLS infrastructure
- B. Exclusive reliance on external routers
- C. Use of OSPF for dynamic routing
- D. Manual routing for better control

Answer: A,C

Question: 4

What should be prioritized when designing L4-L7 service insertion in Cisco ACI MultiPod environments?
Response:

- A. Ensuring all pods have identical service appliances
- B. Centralized management of services
- C. Localized services in each pod
- D. Minimal service configuration

Answer: C

Question: 5

Which of the following are management options in Cisco ACI?
(Choose two)
Response:

- A. Out-of-band only
- B. In-band only
- C. Combination of in-band and out-of-band
- D. None of the above

Answer: A,B

Question: 6

Bridge domains in Cisco ACI must be carefully designed to ensure proper _____ configuration.
Response:

- A. power
- B. subnet
- C. cooling
- D. hardware

Answer: B

Question: 7

Why would a network administrator configure syslog in Cisco ACI?

Response:

- A. To improve the speed of the network
- B. To log and monitor system events
- C. To increase the number of manageable endpoints
- D. To implement quality of service (QoS)

Answer: B

Question: 8

In terms of access policy components, what does an 'Endpoint Group' (EPG) in Cisco ACI define?

Response:

- A. A collection of physical and virtual endpoints that share the same security requirements
- B. A unique identifier assigned to each device within the ACI fabric
- C. The bandwidth limits for a group of applications
- D. A list of approved user groups allowed to access network resources

Answer: A

Question: 9

How should Cisco ACI Multi-Site design be optimized for service continuity and disaster recovery?
(Choose Three)

Response:

- A. Redundant physical links between sites
- B. Uniform appliance deployment across sites
- C. Geographic distribution of critical services
- D. Centralized management from a single site
- E. Automated failover mechanisms

Answer: A,C,E

Question: 10

Describe a feature of the initialization process for Cisco ACI fabric.

Response:

- A. Sequential device boot-up

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- B. Randomized switch integration
 - C. Manual switch configuration
 - D. Automatic spine and leaf discovery

Answer: D

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