



Vendor: Cisco

Exam Code: 600-511

Exam Name: Designing with Cisco Network
Programmability for ACI

Version: DEMO

QUESTION 1

Which four options are important functions offered by the Cisco APIC? (Choose four.)

- A. fault and event management
- B. hypervisor, storage, and computing management
- C. Layer 3 through 5 services integration
- D. statistical collection and analysis
- E. performance management
- F. nonblocking data plane
- G. 1.5:1 oversubscribed ports
- H. BGP and OSPF routing protocol support

Answer: ABDE

QUESTION 2

Before you design an ACI fabric, it is important to understand existing application interactions. If you do not understand them entirely, which approach can you use?

- A. Design a classic routing configuration in which everybody can talk to anybody as the equivalent to a contract called "anyany" that all EPGs provide and consume.
- B. Design around the Cisco ACI whitelist model using the common tenant, where, by default, two EPGs can communicate to each other in the absence of a contract.
- C. Map each EPG to familiar constructs such as VLANs that provide segmentation and will apply policy application interactions.
- D. Leverage advanced orchestration tools like Cisco Intelligent Automation for Cloud or Cisco UCS Director to document existing application interactions.

Answer: A

QUESTION 3

You want to satisfy the business, risk, and customer requirements. Which option is a consideration when you select and design an ACI fabric?

- A. the requirement for meaningful services (such as traffic load balancing, segmentation, filtering, traffic insertion, and monitoring) for workloads provided by virtual Layer 4 to Layer 7 servers
- B. virtual machine mobility because moving from one server to another one would have to occur on the same leaf so that ACI can preserve virtual machine visibility and policy enforcement
- C. the breakdown of virtual versus physical workloads because virtual workloads are treated preferentially in ACI
- D. the requirement for a central point of management, but no centralized control plane

Answer: D

QUESTION 4

In which three ways can the location of VMware virtual endpoints be learned? (Choose three.)

- A. out-of-band handshake
- B. Link Layer Discovery Protocol and Cisco Discovery Protocol
- C. distributed switch learning
- D. VXLAN discovery protocol

- E. OpenFlow
- F. NVGRE discovery protocol

Answer: ABC

QUESTION 5

Which four subcomponents can contracts be broken into? (Choose four.)

- A. subjects
- B. filters
- C. actions
- D. labels
- E. tenants
- F. end points
- G. access entity profile

Answer: ABCD

QUESTION 6

Which statement about bridge domains is true?

- A. EPGs can be associated with multiple bridge domains within a tenant.
- B. Subnets may overlap across bridge domains within a tenant.
- C. Applications that require Layer 2 flooding should use one bridge domain per subnet.
- D. Bridge domains support only private or public subnet scopes.

Answer: C

QUESTION 7

In which two ways are EPGs defined? (Choose two.)

- A. static binding with a port
- B. host MAC address
- C. external routing adjacency
- D. based on NetFlow groups
- E. using WFQ

Answer: AC

QUESTION 8

When building a contract, what is the function of a filter?

- A. classification of traffic
- B. a Layer 7 parameter setting for filtering application calls
- C. to drop or adjust routing updates
- D. to enforce SLAs

Answer: A

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