

600-511 Q&As

Designing with Cisco Network Programmability for ACI

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QUESTION 1

Which type of ACI switch provides Layer 3 connections to outside networks?

- A. border leaf devices
- B. leaf devices
- C. spine devices
- D. service leaf devices

Correct Answer: A

QUESTION 2

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

Correct Answer: A

QUESTION 3

You have an application named "E_commerce" in tenant "Production", which is composed of three tiers of servers (web, app, and DB). Each tier sits in a different EPG (epgWeb, epgApp, and epgDB). Which action should be performed first to measure the performance or packet loss of this application?

- A. Check the health score of the application profile "E_commerce".
- B. Check the faults of the application profile "E_commerce".
- C. Configure a troubleshooting policy for on-demand atomic counters for epgWeb-to-epgApp traffic and epgApp-to-epgDB traffic.
- D. Configure a monitoring policy for each of the EPGs of the "E_commerce" application.

Correct Answer: C

QUESTION 4

Which four benefits are provided by ACI services to achieve business and technical objectives? (Choose four.)

- A. Identify and address technical and operational readiness to effectively deploy this architecture to support your target use cases.
- B. Simplify operations through integration at the infrastructure, systems, and management levels.
- C. Protect capital and operational investments while gaining a simple transition path from existing environments to architecture based on Cisco ACI.
- D. Allow centralized application-based policy automation, programmability, and visibility into physical and virtual networks from a single point of management.
- E. Allow centralized management and control over all Cisco platforms and non Cisco platforms.
- F. Simplify and reduce the number of applications for better DevOps support.
- G. Ability to design, install, and manage access/aggregation/core networks.
- H. Emphasize technical objectives to best meet business requirements.

Correct Answer: ABDE

QUESTION 5

Which three host encapsulations does ACI fabric support? (Choose three.)

- A. VLAN/802.1q
- B. VXLAN/VNID
- C. Stateless Transport Tunneling Protocol for network virtualization
- D. vPC
- E. FabricPath
- F. Geneve

Correct Answer: ABD

QUESTION 6

Which two options are components of a device package? (Choose two.)

- A. device configuration
- B. device specification
- C. device prototype
- D. device script
- E. device mapping

Correct Answer: BD

QUESTION 7

In an ACI topology, what is the minimum required number of Cisco APICs?

- A. one
- B. five
- C. two
- D. four
- E. three

Correct Answer: E

QUESTION 8

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.

Correct Answer: C

QUESTION 9

Which three features or protocols can be used to integrate ACI into existing management tools? (Choose three.)

- A. SNMP
- B. RESTful APIs
- C. Syslog
- D. OSPF
- E. CallHome
- F. BGP
- G. RSPAN

Correct Answer: ABC

QUESTION 10

Which four types of devices can be connected to a leaf device in an ACI fabric? (Choose four.)

- A. virtualized servers
- B. 10M Ethernet devices
- C. Layer 4 to Layer 7 services nodes
- D. Layer 2 switch using FabricPath
- E. bare metal servers
- F. Layer 3 routers
- G. another leaf

Correct Answer: ACEF

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