



600-511^{Q&As}

Designing with Cisco Network Programmability for ACI

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QUESTION 1

Which statement about the role of a spine switch is true?

- A. It connects leaf devices.
- B. It connects spine devices
- C. It connects Cisco APICs.
- D. It connects hosts.
- E. It connects external routers.
- F. It connects service nodes.

Correct Answer: A

QUESTION 2

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 3

Which option is for migrating an existing Data Center network to Cisco ACI?

- A. First migrate existing FEXs to 9500.
- B. First connect the core (for example, Cisco ASR 9000 Router or Cisco Nexus 7000 Series Switches) to the ACI fabric that supports external connectivity routing mechanisms (OSPF NSSA, iBGP, and static routes).



- C. First disable flooding on each bridge domain during migration to avoid broadcast storms.
- D. First migrate existing access layer (for example, Catalyst 5500/6000 + FEX) to Cisco MDS 9500 Series.

Correct Answer: B

QUESTION 4

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

Correct Answer: ABDE

QUESTION 5

When designing an ACI fabric for a VMWare environment, which two options are supported vSwitch options? (Choose two.)

- A. external switch
- B. AVS
- C. standard vswitch
- D. DVS
- E. ESXi

Correct Answer: BD

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