



600-511^{Q&As}

Designing with Cisco Network Programmability for ACI

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**QUESTION 1**

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 2

Which two options are benefits of the ACI fabric beyond forwarding traffic from physical and virtual servers? (Choose two.)

- A. zero-touch provisioning of fabric switches
- B. centralized control plane
- C. decoupling of underlay and overlay
- D. applying policy independently of forwarding
- E. increased performance due to full-mesh topology

Correct Answer: AD

QUESTION 3

For which ACI constructs are health scores calculated?

- A. bridge domains
- B. service graphs
- C. contracts



D. filters

E. service device clusters

Correct Answer: A

QUESTION 4

Which statement about the programming model and APIs available to automate network functions within ACI is true?

A. You can leverage a custom-built GUI that sends HTTPS calls.

B. Advanced orchestration tools like Cisco Intelligent Automation for Cloud or Cisco UCS Director are available for end-to-end provisioning of compute and network resources using the open OpFlex protocol.

C. Every configurable element in ACI is part of the object tree known as the software development kit.

D. You can modify configurations with HTTP DELETE calls and retrieve information with HTTP POST calls.

E. You can perform a CLI-based configuration from your desktop to the controller using cURL.

Correct Answer: E

QUESTION 5

Which statement about designing a migration approach of an existing Data Center network to Cisco ACI is true?

A. The first action is to connect the Cisco APIC to the existing core Layer 3 routers so that the APIC can begin to be involved in traffic forwarding.

B. When migration is complete, the existing Layer 3 devices should still serve as the default gateway.

C. The service nodes must be moved first because Layer 4 to Layer 7 services (FW/LB) in the existing network will not be functional during migration.

D. Simplify the migration by associating every EPG to a VLAN.

Correct Answer: D

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