

## 600-511<sup>Q&As</sup>

Designing with Cisco Network Programmability for ACI

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## QUESTION 1

Which option does the Cisco ACI fabric use to support management automation, programmatic policy, and dynamic "workload-anywhere" models?

- A. distributed computing model
- B. centralized computing model
- C. closely coupled policy-based control systems and software
- D. a stateful, imperative model using OpenFlow for external communication

Correct Answer: C

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## QUESTION 2

Which two options are two provisions of ACI for security? (Choose two.)

- A. Security services are provided by the fabric, without the need for external appliances.
- B. ACI depends on external appliances and software to provide security.
- C. ACI provides a stateless whitelist approach for all traffic in the fabric.
- D. ACI allows for easy integration of external stateful physical and virtual security devices into the fabric.

Correct Answer: CD

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## QUESTION 3

Which two benefits of ACI help improve the time required to deploy an application? (Choose two.)

- A. enabling software developers to create development environments similar to production
- B. eliminating the need for expensive Layer 4 to Layer 7 service appliances
- C. eliminating IP addressing from software stacks
- D. evolving the IT model from manual workflows to an application model that automates deployment, operations, and visibility

Correct Answer: AD

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## QUESTION 4

If flowlet switching and dynamic flow prioritization are enabled, which two statements about ACI fabric load balancing are true? (Choose two.)

- A. A flowlet is a subset of a TCP/UDP flow that is composed of packets that are part of the same bursts of packets.
- B. A flowlet is a subset of a TCP/UDP flow that is composed of packets of approximately the same size (64 bytes to 127 is flowlet 1, 128 to 255 is flowlet 2, ...).
- C. The first few identified flowlets of a TCP/UDP flow are treated with a higher priority than the last flowlet of the same TCP/UDP flow.
- D. Each flowlet of a TCP/UDP flow is treated with same priority and takes the same path to avoid out-of-order packets.
- E. The egress leaf reorders out-of-order packets when flowlet switching is used.

Correct Answer: AC

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## QUESTION 5

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

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