



600-511^{Q&As}

Designing with Cisco Network Programmability for ACI

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QUESTION 1

Which three options are the major components of the ACI fabric? (Choose three.)

- A. bidirectional optics
- B. Application Policy Infrastructure Controller
- C. spine switches
- D. directory service nodes
- E. leaf switches
- F. Layer 4 to Layer 7 service devices

Correct Answer: BCE

QUESTION 2

Which statement about the infrastructure requirements for an ACI fabric is true?

- A. Hypervisors that connect to the ACI fabric must support the Cisco Discovery Protocol so that ACI can discover the presence of virtualized hosts and deploy policies to the ports on which a virtualized host is present.
- B. The Cisco Nexus 9336PQ form factor is well suited for large enterprise ACI deployments because it provides 288 40 Gigabit Ethernet ports at the spine.
- C. Leaf and spine switches can connect at 40 Gbps with multimode fiber by using the Cisco 40 Gbps short-reach bidirectional QSFP optics modules, which do not require new cabling.
- D. The Cisco ACI fabric uses an overlay, based on MPLS VPN, to virtualize the physical infrastructure. This overlay maps the tenant endpoint addresses to the location of the endpoint using the tunnel endpoint.

Correct Answer: C

QUESTION 3

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 4

Which method does ACI fabric dynamic load balancing use to provide optimal balancing of flows across the fabric?

- A. Flows are dynamically allocated according to congestion at the leaf.
- B. Flows are dynamically allocated according to hop-by-hop congestion in the fabric.
- C. Flows are dynamically allocated according to link BER.
- D. Flows are distributed in per packet round-robin.

Correct Answer: B

QUESTION 5

Which two options are two intended uses of Layer 3-External in the ACI fabric? (Choose two.)

- A. to provide connectivity to external networks
- B. to advertise a default gateway into the ACI fabric
- C. to define the default gateway for the devices connected to the ACI fabric
- D. to advertise IP and MAC information outside of the ACI fabric
- E. to apply policy to endpoints not contained in an EPG

Correct Answer: AB

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