



600-511^{Q&As}

Designing with Cisco Network Programmability for ACI

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QUESTION 1

Which three main problems was a host overlay system designed to address? (Choose three.)

- A. workload mobility
- B. simplified and automated workload provisioning
- C. multitenancy at scale
- D. integrate physical and virtual networking
- E. increase visibility to traffic flows
- F. better root cause analysis capabilities
- G. consolidate IT infrastructure teams

Correct Answer: ABC

QUESTION 2

Which three options are the primary benefits of a leaf-spine architecture? (Choose three.)

- A. linear scalability
- B. robust multipathing
- C. use of Rapid PVST
- D. deterministic latency
- E. increased scalability of the proxy database
- F. 1.5:1 oversubscribed ports
- G. best suited for integration into an access/aggregation/core topology

Correct Answer: ABD

QUESTION 3

Which option is an ideal environment in which to deploy ACI?

- A. WAN edge
- B. virtual storage farm
- C. disaster recovery site
- D. enterprise core



Correct Answer: C

QUESTION 4

You want to satisfy the business, risk, and customer requirements. Which option is a consideration when you select and design an ACI fabric?

- A. the requirement for meaningful services (such as traffic load balancing, segmentation, filtering, traffic insertion, and monitoring) for workloads provided by virtual Layer 4 to Layer 7 servers
- B. virtual machine mobility because moving from one server to another one would have to occur on the same leaf so that ACI can preserve virtual machine visibility and policy enforcement
- C. the breakdown of virtual versus physical workloads because virtual workloads are treated preferentially in ACI
- D. the requirement for a central point of management, but no centralized control plane

Correct Answer: D

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

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