



600-511^{Q&As}

Designing with Cisco Network Programmability for ACI

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QUESTION 1

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

QUESTION 2

What is the purpose of the mgmt tenant?

- A. used for in-band Cisco APIC to switch node communication, routable outside the fabric
- B. used for in-band and out-of-band Cisco APIC to switch node communication, nonroutable outside the fabric
- C. used for out-of-band Cisco APIC to switch node communication, nonroutable outside the fabric
- D. used for out-of-band Cisco APIC to switch node communication, routable outside the fabric

Correct Answer: B

QUESTION 3

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 4

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 5

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

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