

600-511^{Q&As}

Designing with Cisco Network Programmability for ACI

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QUESTION 1

You have an application named "E_commerce" in tenant "Production", which is composed of three tiers of servers (web, app, and DB). Each tier sits in a different EPG (epgWeb, epgApp, and epgDB). Which action should be performed first to measure the performance or packet loss of this application?

- A. Check the health score of the application profile "E_commerce".
- B. Check the faults of the application profile "E_commerce".
- C. Configure a troubleshooting policy for on-demand atomic counters for epgWeb-to-epgApp traffic and epgApp-to-epgDB traffic.
- D. Configure a monitoring policy for each of the EPGs of the "E_commerce" application.

Correct Answer: C

QUESTION 2

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 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 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

QUESTION 5

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

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