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**QUESTION 1**

Which two queries are supported to access objects within the ACI Management Information Tree? (Choose two.)

- A. DN query
- B. fabric query
- C. RN query
- D. class query
- E. property query

Correct Answer: AD

Visore is a read-only management information tree (MIT) browser. It enables distinguished name (DN) and class queries with optional filters.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI_Fundamentals_BigBook_chapter_01001.pdf

QUESTION 2

You have routers in a simulation, and you have a controller that exists on another virtual machine on the same VMware ESXi host. Which two VIRT facilities can you use to create a common subnet between them? (Choose two.)

- A. a Linux server acting as a jump-host
- B. a Layer 3 external network
- C. shared flat management network
- D. the management LXC (Linux Container)
- E. a Layer 2 external network

Correct Answer: CE

QUESTION 3

Which statement indicates that an element in a YANG data model contains data that describes operational state information about the device or service?

- A. state true
- B. config false
- C. mode state
- D. state enabled



Correct Answer: D

QUESTION 4

Which statement about sharding in ACI is true?

- A. Sharding is the technology that is designed to prevent "split-brain" scenarios in ACI.
- B. Sharding is the service that presents the API on a Cisco APIC.
- C. Sharding is the mechanism for the distributing the database and configuration changes on a Cisco APIC cluster.
- D. Sharding is the distributed topology that is used in ACI (also referred to as spine-leaf).

Correct Answer: C

The Cisco APIC cluster uses a technology from large databases called sharding to distribute data among the nodes of the cluster. Data stored in the APIC is portioned to shards. Each shard has three replicas that are stored in the three controller nodes. For each shard, one controller is elected as leader and the rest are followers.

Reference:

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_kb-aci-stretched-fabric.html

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/unified-fabric/white-paper-c11-730021.html>

Sharding Technology

In the case of a split-brain condition, automatic reconciliation is performed based on timestamps.

Each Cisco APIC has all Cisco APIC functions; however, processing is evenly distributed throughout the Cisco APIC cluster.

QUESTION 5

Which two protocols can the Cisco APIC-EM use to communicate with supported platforms? (Choose two.)

- A. OpFlex
- B. SNMPv2c
- C. SSH
- D. HTTPS
- E. RPC
- F. OpenFlow

Correct Answer: BC

The Cisco APIC-EM communicates with its supported platforms using the following protocols: SNMPv2c or SNMPv3



Telnet or SSH Reference: http://www.cisco.com/c/en/us/td/docs/cloud-systems-management/application-policy-infrastructure-controller-enterprise-module/1-0-x/deploy-guide/b_apic-em_deploy_guide_v_1_0_0_x/b_apic-em_deploy_guide_v_1_0_0_x_chapter_01.pdf

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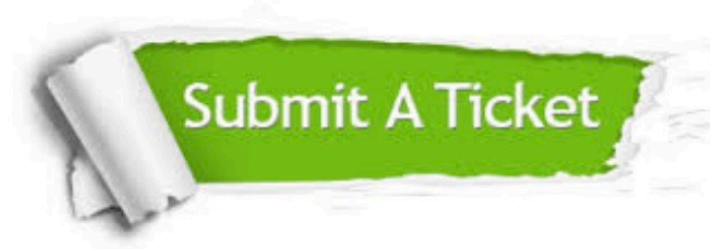
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