

300-620^{Q&As}

Implementing Cisco Application Centric Infrastructure (DCACI)

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QUESTION 1

Which type of port is used for in-band management within ACI fabric?

- A. spine switch port
- B. APIC console port
- C. leaf access port
- D. management port

Correct Answer: C

QUESTION 2

Refer to the exhibit.

The screenshot shows the 'Create vCenter Domain' configuration page. The fields are as follows:

- Virtual Switch Name: Lab-VirtualSwitch
- Virtual Switch: VMware vSphere Distributed Switch (selected), Cisco AVS, Cisco AVE
- Associated Attachable Entity Profile: Lab-ApplicationAttachableAccessEn (selected)
- Delimiter: (empty)
- Enable Tag Collection:
- Access Mode: Read Only Mode, Read Write Mode (selected)
- Endpoint Retention Time (seconds): 0
- VLAN Pool: select an option
- Security Domains: (empty table with columns Name and Description)

An engineer is integrating a VMware vCenter with Cisco ACI VMM domain configuration. ACI creates port-group names with the format of "Tenant | Application | EPG". Which configuration option is used to generate port groups with names formatted as "Tenant=Application=EPG"?

- A. enable tag collection
- B. security domains
- C. delimiter
- D. virtual switch name

Correct Answer: C

Step 8 Configuring the delimiter during VMM domain creation, perform the following actions:

On the menu bar, choose VM NETWORKING > Inventory

In the Navigation pane, right-click VMware and click Create vCenter Domain.

In the Create vCenter Domain dialog box, enter a Name.

Optional: In the Delimiter field, enter one of the following: |, ~, !, @, ^, +, or =. If you do not enter a symbol, the system default | delimiter will appear in the VMware PortGroup name.

QUESTION 3

Which statement regarding ACI Multi-Pod and TEP pool is true?

- A. The IP addresses used in the IPN network can overlap TEP pool of the APIC.
- B. A different TEP pool must be assigned to each Pod.
- C. The Pod1 TEP pool must be split and a portion of the TEP pool allocated to each Pod.
- D. The same TEP pool is used in all Pods.

Correct Answer: B

QUESTION 4

Which two protocols are used for fabric discovery in ACI? (Choose two.)

- A. LLDP
- B. OSPF
- C. CDP
- D. DHCP
- E. ISIS

Correct Answer: AD

The APIC startup topology auto discovery, automated configuration, and infrastructure addressing uses these industry-standard protocols: Intermediate System-to-Intermediate System (IS-IS), Link Layer Discovery Protocol (LLDP), and Dynamic Host Configuration Protocol (DHCP).

The ACI fabric is brought up in a cascading manner, starting with the leaf nodes that are directly attached to the APIC. LLDP and control-plane IS-IS convergence occurs in parallel to this boot process. The ACI fabric uses LLDP- and DHCP-based fabric discovery to automatically discover the fabric switch nodes, assign the infrastructure VXLAN tunnel endpoint (VTEP) addresses, and install the firmware on the switches. Prior to this automated process, a minimal bootstrap configuration must be performed on the Cisco APIC controller. After the APIC controllers are connected and their IP addresses assigned, the APIC GUI can be accessed by entering the address of any APIC controller into a web browser. The APIC GUI runs HTML5 and eliminates the need for Java to be installed locally.

Reference: <https://www.dclessons.com/aci-fabric-discovery>

QUESTION 5

An administrator must migrate the vSphere Management VMkernel of all ESXi hosts in the production cluster from the standard default virtual switch to a VDS that is integrated with APIC in a VMM domain. Which action must be completed in this scenario?

- A. The Management VMkernel EPG resolution must be set to Pre-Provision.
- B. The administrator must create an in-band VMM Management EPG before performing the migration.
- C. The administrator must set the Management VMkernel BD resolution immediacy to On-Demand.
- D. The VMkernel Management BD must be located under the Management Tenant.

Correct Answer: A

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