



300-620^{Q&As}

Implementing Cisco Application Centric Infrastructure (DCACI)

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QUESTION 1

Which two statements regarding ACI Multi-Site are true? (Choose two.)

- A. The Multi-Site orchestrator must be directly attached to one ACI leaf.
- B. Routers in the Inter-Site network must run OSPF, DHCP relay, and MP-BGP.
- C. ACI Multi-Site is a solution that supports a dedicated APIC cluster per site.
- D. ACI Multi-Site is a solution that allows one APIC cluster to manage multiple ACI sites.
- E. The Inter-Site network routers should run OSPF to establish peering with the spines.

Correct Answer: DE

QUESTION 2

Which type of profile needs to be created to deploy an access port policy group?

- A. attachable entity
- B. Pod
- C. module
- D. leaf interface

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_0110.html

QUESTION 3

An engineer is implementing a connection that represents an external bridged network. Which two configurations are used? (Choose two.)

- A. Layer 2 remote fabric
- B. Layer 2 outside
- C. Layers 2 internal
- D. Static path binding
- E. VXLAN outside

Correct Answer: BD



QUESTION 4

Which protocol does ACI use to securely save the configuration in a remote location?

- A. SCP
- B. HTTPS
- C. TFTP
- D. FTP

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Using_Import_Export_to_Rcover_Config_States.html

QUESTION 5

Which feature allows firewall ACLs to be configured automatically when new endpoints are attached to an EPG?

- A. ARP gleaning
- B. dynamic endpoint attach
- C. hardware proxy
- D. network-stitching

Correct Answer: B

QUESTION 6



The screenshot shows the Cisco ACI VMM configuration page for domain F1-VCSAB1_VCD. The 'VSwitch Policy' tab is active, displaying various policy settings:

- Port Channel Policy: F1-VCSAB1_VCD_lacpLag
- LLDP Policy: F1-VCSAB1_VCD_lldpLpPo
- CDP Policy: select an option
- MTU Policy: select an option
- STP Policy: select an option
- Firewall Policy: select an option
- NetFlow Exporter Policy: select an option

Below the properties is the 'Enhanced Lag Policy' section, which contains a table with the following columns: Name, Mode, Load Balancing Mode, and Number of Links. The table has one row with the following values:

Name	Mode	Load Balancing Mode	Number of Links
	LACP Active	Source and Destination IP Address	2

Buttons for 'Update' and 'Cancel' are located at the bottom of the table.

Refer to the exhibit. An engineer configures the Cisco ACI fabric for VMM integration with ESXi servers that are to be connected to the ACI leaves. The server team requires the network switches to initiate the LACP negotiation as opposed to the servers. The LAG group consists of two 10 Gigabit Ethernet links. The server team also wants to evenly distribute traffic across all available links. Which two enhanced LAG policies meet these requirements? (Choose two.)

- A. LACP Mode: LACP Standby
- B. LB Mode: Destination IP Address and TCP/UDP Port
- C. LB Mode: Source and Destination MAC Address
- D. LB Mode: Source IP Address and TCP/UDP Port
- E. LACP Mode: LACP Active

Correct Answer: CE

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/aci_virtual_edge/configuration/2-x/Cisco-ACI-Virtual-Edge-Configuration-Guide-202/Cisco-ACI-Virtual-Edge-Configuration-Guide-202_chapter_0100.html

QUESTION 7

DRAG DROP



Drag and drop the Cisco ACI filter entry options from the left onto the correct categories on the right indicating what are required or optional parameters.

Select and Place:

Name	Optional Parameters
ARP Flag	
Ether Type	
IP Protocol	Required Parameters
Source Port From	

Correct Answer:

	Optional Parameters
	Required Parameters

ARP Flag
IP Protocol
Source Port From

Name
Ether Type

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/Operating_ACI/guide/b_Cisco_Operating_ACI/b_Cisco_Operating_ACI_chapter_01000.html



QUESTION 8

An engineer wants to filter the System Faults page and view only the active faults that are present in the Cisco ACI fabric. Which two lifecycle stages must be selected for filtering? (Choose two.)

- A. Raised
- B. Retaining
- C. Soaking, Clearing
- D. Raised, Clearing
- E. Soaking

Correct Answer: AD

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/all/faults/guide/b_APIC_Faults_Errors/b_IFC_Faults_Errors_chapter_01.html

QUESTION 9

Which table holds IP address, MAC address and VXLAN/VLAN information on a Cisco ACI leaf?

- A. endpoint
- B. adjacency
- C. RIB
- D. ARP

Correct Answer: A

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739989.html>

QUESTION 10



Edit Stats Threshold

transmit B2B credit cumulative

Normal Value:

Threshold Direction: Both Rising Falling

Rising Thresholds to Config:

- Critical
- Major
- Minor
- Warning

Rising

Set

Reset

Critical

Major

Minor

Warning

Refer to the exhibit. A client reports that the ACI domain connectivity to the fiber channel storage is experiencing a B2B credit oversubscription. The environment has a SYSLOG server for state collection messages. Which value should be chosen to clear the critical fault?

- A. 300
- B. 410
- C. 350
- D. 510

Correct Answer: B

QUESTION 11



Virtual Switch Name: Lab-VirtualSwitch

Virtual Switch: VMware vSphere Distributed Switch | Cisco AVS | Cisco AVE

Associated Attachable Entity Profile: Lab-ApplicationAttachableAccessEn

Delimiter:

Enable Tag Collection:

Access Mode: Read Only Mode | Read Write Mode

Endpoint Retention Time (seconds): 0

VLAN Pool: select an option

Security Domains:

Name	Description
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Refer to the exhibit. 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

QUESTION 12

DRAG DROP

Drag and drop the Cisco ACI Layer 4 to Layer 7 service insertion terms on the left to the correct descriptions on the right.

Select and Place:

concrete interfaces	ensures reachability between L3 domains
service graph	rendered with local resources that are available in the fabric
device cluster	contains an active-standby pair of firewalls or load balancers
VRF stitching	encapsulations programmed based on their association with logical interfaces



Correct Answer:

	VRF stitching
	service graph
	device cluster
	concrete interfaces

QUESTION 13

Which action sets Layer 2 loop migration in an ACI Fabric with a Layer 2 Out configured?

- A. Enable MCP on the ACI fabric.
- B. Disable STP in the external network.
- C. Disable STP on the ACI fabric.
- D. Enable STP on the ACI fabric.

Correct Answer: A

QUESTION 14

Create L3Out

The screenshot shows the 'Create L3Out' wizard in Cisco ACI. The wizard is on step 2, 'Nodes And Interfaces'. It shows configuration for 'Nodes and Interfaces', including 'Interface Types' (Layer 3: Routed, Routed Sub, SVI, Floating SVI; Layer 2: Port, Direct Port Channel) and 'Nodes' (Node ID: F1P1L1 (Node - 1001), Router ID: 10.1.7.1, Loopback Address: 10.1.1.1). The 'Nodes' section has a table with columns for Node ID, Router ID, and Loopback Address. Below this, there is a section for 'Interface' with fields for 'Interface', 'IP Address', and 'MTU (bytes)'. The 'Interface' field is set to 'Select a port', 'IP Address' is empty, and 'MTU (bytes)' is empty. There are 'Previous', 'Cancel', and 'Next' buttons at the bottom.

Refer to the exhibit. An engineer must configure an L3Out peering with the backbone network. The L3Out must forward unicast and multicast traffic over the link. Which two methods should be used to configure L3Out to meet these



requirements? (Choose two.)

- A. Layer 3 routed port
- B. VPC with SVI
- C. port channel with SVI
- D. Layer 3 routed subinterface
- E. Layer 3 floating SVI

Correct Answer: AD

Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/guide-c07-743150.html#_L3Out_sStatic_rRoutes

QUESTION 15

How is an EPG extended outside of the ACI fabric?

- A. Create an external bridged network that is assigned to a leaf port.
- B. Create an external routed network that is assigned to an EPG.
- C. Enable unicast routing within an EPG.
- D. Statically assign a VLAN ID to a leaf port in an EPG.

Correct Answer: D

Reference: <https://www.dclessons.com/l2-external-network-with-aci>

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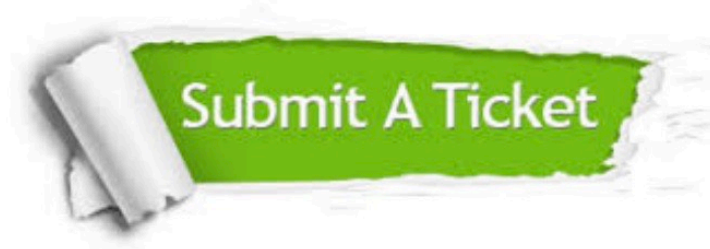
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