

## Exam Questions 300-620

Implementing Cisco Application Centric Infrastructure (DCACI)

<https://www.2passeasy.com/dumps/300-620/>



#### NEW QUESTION 1

An ACI administrator notices a change in the behavior of the fabric. Which action must be taken to determine if a human intervention introduced the change?

- A. Inspect event records in the APIC UI to see all actions performed by users.
- B. Inspect /var/log/audit\_messages on the APIC to see a record of all user actions.
- C. Inspect audit logs in the APIC UI to see all user events.
- D. Inspect the output of show command history in the APIC CLI.

**Answer:** A

#### NEW QUESTION 2

An engineer is creating a configuration import policy that must terminate if the imported configuration is incompatible with the existing system. Which import mode achieves this result?

- A. merge
- B. atomic
- C. best effort
- D. replace

**Answer:** B

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/aci-fundamentals/Cisco-ACI-Fundamentals-401/Cisco-ACI-Fundamentals-401\\_chapter\\_01011.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/aci-fundamentals/Cisco-ACI-Fundamentals-401/Cisco-ACI-Fundamentals-401_chapter_01011.html)

#### NEW QUESTION 3

Which components must be configured for the BGP Route Reflector policy to take effect?

- A. spine fabric interface overrides and profiles
- B. access policies and profiles
- C. pod policy groups and profiles
- D. leaf fabric interface overrides and profiles

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/L3-configuration/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401\\_chapter\\_01.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/4-x/L3-configuration/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401/Cisco-APIC-Layer-3-Networking-Configuration-Guide-401_chapter_01.html)

#### NEW QUESTION 4

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

**Answer:** A

#### Explanation:

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](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)

#### NEW QUESTION 5

A situation causes a fault to be raised on the APIC. The ACI administrator does not want that fault to be raised because it is not directly relevant to the environment. Which action should the administrator take to prevent the fault from appearing?

- A. Under System -> Faults, right-click on the fault and select Acknowledge Fault so that acknowledged faults will immediately disappear.
- B. Create a stats threshold policy with both rising and falling thresholds defined so that the critical severity threshold matches the squelched threshold.
- C. Under System -> Faults, right-click on the fault and select Ignore Fault to create a fault severity assignment policy that hides the fault.
- D. Create a new global health score policy that ignores specific faults as identified by their unique fault code.

**Answer:** C

#### NEW QUESTION 6

A RADIUS user resolves its role via the Cisco AV Pair. What object does the Cisco AV Pair resolve to?

- A. tenant
- B. security domain
- C. primary Cisco APIC
- D. managed object class

**Answer:** D

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/Security\\_config/b\\_Cisco\\_APIC\\_Security\\_Configuration\\_Guide/b\\_Cisco\\_API\\_C\\_Security\\_Guide\\_chapter\\_01011.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/Security_config/b_Cisco_APIC_Security_Configuration_Guide/b_Cisco_API_C_Security_Guide_chapter_01011.html)

#### NEW QUESTION 7

Which feature dynamically assigns or modifies the EPG association of virtual machines based on their attributes?

- A. vzAny contracts
- B. standard contracts
- C. application EPGs
- D. uSeg EPGs

**Answer:** D

#### NEW QUESTION 8

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

**Answer:** B

#### NEW QUESTION 9

Where is the COOP database located?

- A. leaf
- B. spine
- C. APIC
- D. endpoint

**Answer:** B

#### Explanation:

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

#### NEW QUESTION 10

When creating a subnet within a bridge domain, which configuration option is used to specify the network visibility of the subnet?

- A. limit IP learning to subnet
- B. scope
- C. gateway IP
- D. subnet control

**Answer:** C

#### Explanation:

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\\_0111.html](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_0111.html)

#### NEW QUESTION 10

What does a bridge domain represent?

- A. Layer 3 cloud
- B. Layer 2 forwarding construct
- C. tenant
- D. physical domain

**Answer:** B

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2\\_config/b\\_Cisco\\_APIC\\_Layer\\_2\\_Configuration\\_Guide/b\\_Cisco\\_APIC\\_Layer\\_2\\_Configuration\\_Guide\\_chapter\\_010.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_Layer_2_Configuration_Guide_chapter_010.html)

#### NEW QUESTION 14

Which setting prevents the learning of Endpoint IP addresses whose subnet does not match the bridge domain subnet?

- A. "Limit IP learning to network" setting within the bridge domain.
- B. "Limit IP learning to subnet" setting within the EPG.
- C. "Limit IP learning to network" setting within the EPG.
- D. "Limit IP learning to subnet" setting within the bridge domain.

**Answer:** D

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2\\_config/b\\_Cisco\\_APIC\\_Layer\\_2\\_Configuration\\_Guide/b\\_Cisco\\_APIC\\_La](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/L2_config/b_Cisco_APIC_Layer_2_Configuration_Guide/b_Cisco_APIC_La)

yer\_2\_Configuration\_Guide\_chapter\_010.html

**NEW QUESTION 19**

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.

**Answer:** A

**NEW QUESTION 21**

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

**Answer:** AB

**NEW QUESTION 25**

Which two dynamic routing protocols are supported when using Cisco ACI to connect to an external Layer 3 network? (Choose two.)

- A. iBGP
- B. VXLAN
- C. IS-IS
- D. RIPv2
- E. eBGP

**Answer:** AE

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI\\_Best\\_Practices/b\\_ACI\\_Best\\_Practices/b\\_ACI\\_Best\\_Practices\\_chapter\\_010010.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI_Best_Practices/b_ACI_Best_Practices/b_ACI_Best_Practices_chapter_010010.html)

**NEW QUESTION 26**

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.

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

concrete interfaces	VRF stitching
service graph	service graph
device cluster	device cluster
VRF stitching	concrete interfaces

**NEW QUESTION 31**

An engineer has set the VMM resolution immediacy to pre-provision in a Cisco ACI environment. No Cisco Discovery Protocol neighborhood has been formed between the hypervisors and the ACI fabric leaf nodes. How does this affect the download policies to the leaf switches?

- A. No policies are downloaded because LLDP is the only supported discovery protocol.

- B. Policies are downloaded when the hypervisor host is connected to the VMM VDS.
- C. Policies are downloaded to the ACI leaf switch regardless of Cisco Discovery Protocol neighborhood.
- D. No policies are downloaded because there is no discovery protocol neighborhood.

**Answer:** C

#### NEW QUESTION 34

Which tenant is used when configuring in-band management IP addresses for Cisco APICs, leaf nodes, and spine nodes?

- A. default
- B. infra
- C. common
- D. mgmt

**Answer:** D

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b\\_KB\\_Configuring\\_Static\\_Management\\_Access.html#concept\\_CFF63FEBE947424291B0F10E6F23DA7D](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Configuring_Static_Management_Access.html#concept_CFF63FEBE947424291B0F10E6F23DA7D)

#### NEW QUESTION 36

Which new construct must a user create when configuring in-band management?

- A. VLAN pool
- B. management contract
- C. management tenant
- D. bridge domain

**Answer:** D

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b\\_KB\\_Configuring\\_Static\\_Management\\_Access.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Configuring_Static_Management_Access.html)

#### NEW QUESTION 39

What must be configured to allow SNMP traffic on the APIC controller?

- A. out-of-band management interface
- B. contract under tenant mgmt
- C. SNMP relay policy
- D. out-of-band bridge domain

**Answer:** B

#### NEW QUESTION 42

Which statement about ACI syslog is true?

- A. Notifications for different scopes of syslog objects can be sent only to one destination.
- B. Syslog messages are sent to the destination through the spine.
- C. All syslog messages are sent to the destination through APIC.
- D. Switches send syslog messages directly to the destinations.

**Answer:** A

#### Explanation:

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2016/pdf/BRKACI-2303.pdf>

#### NEW QUESTION 46

In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

- A. Endpoint information is not exchanged across sites unless COOP protocol is used.
- B. Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites.
- C. Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site.
- D. Endpoint information is exchanged across sites when the endpoints are discovered in both sites.

**Answer:** A

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739609.html#CiscoACIMultiSiteoverlaydataplane>

#### NEW QUESTION 49

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