

# Cisco

## Exam Questions 300-620

Implementing Cisco Application Centric Infrastructure (DCACI)



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#### **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**

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 3**

Which description regarding the initial APIC cluster discovery process is true?

- A. The APIC uses an internal IP address from a pool to communicate with the nodes.
- B. Every switch is assigned a unique AV by the APIC.
- C. The APIC discovers the IP address of the other APIC controllers by using Cisco Discovery Protocol.
- D. The ACI fabric is discovered starting with the spine switches.

#### Answer: C

#### **Explanation:**

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b\_ACI-Fundamentals/b\_ACI-

#### **NEW QUESTION 4**

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\_cha pter\_0111.html

#### **NEW QUESTION 5**

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

#### **NEW QUESTION 6**

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

#### **NEW QUESTION 7**

Which endpoint learning operation is completed on the egress leaf switch when traffic is received from an L3Out?

- A. The source MAC and IP address of the traffic is learned as a local endpoint.
- B. The source MAC address of the traffic is learned as a remote endpoint.
- C. No source MAC or IP address of the traffic is learned as a remote endpoint.
- D. The source IP address of the traffic is learned as a remote 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 8**

An engineer configured Layer 2 extension from the ACI fabric and changed the Layer 2 unknown unicast policy from Flood to Hardware Proxy. How does this change affect the flooding of the L2 unknown unicast traffic?

- A. It is forwarded to one of the spines to perform as a spine proxy.
- B. It is flooded within the whole fabric.
- C. It is dropped by the leaf when the destination endpoint is not present in the endpoint table.
- D. It is forwarded to one of the APICs to perform as a proxy.

#### Answer: A

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

#### **NEW QUESTION 9**

On which two interface types should a user configure storm control to protect against broadcast traffic? (Choose two.)

- A. APIC facing interfaces
- B. port channel on a single leaf switch
- C. all interfaces on the leaf switches in the fabric
- D. endpoint-facing trunk interface
- E. fabric uplink interfaces on the leaf switches

#### Answer: BD

#### 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 yer\_2\_Configuration\_Guide\_chapter\_01010.html

#### **NEW QUESTION 10**

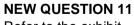
Which new construct must a user create when configuring in-band management?

- 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



Refer to the exhibit.



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transmit B2B credit cumulative   Normal Value: 300   Threshold Direction: Both Rising Falling	
Threshold Direction: Both Rising Falling	
Rising Thresholds to Config: 🕢 回	
Critical Major	
✓ Minor	
Rising	
Set Reset	
Critical 500	$ \diamond $
Major	
Minor	
Warning 400 300	

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

Answer: B

#### **NEW QUESTION 12**

What are two requirements for the IPN network when implementing a Multi-Pod ACI fabric? (Choose two.)

A. EIGRP routing

- B. PIM ASM multicast routing
- C. BGP routing
- D. VLAN ID 4
- E. OSPF routing

#### Answer: AE

**NEW QUESTION 13** 

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