

Cisco

Exam Questions 300-620

Implementing Cisco Application Centric Infrastructure (DCACI)



NEW QUESTION 1

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

NEW 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

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

NEW QUESTION 3

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

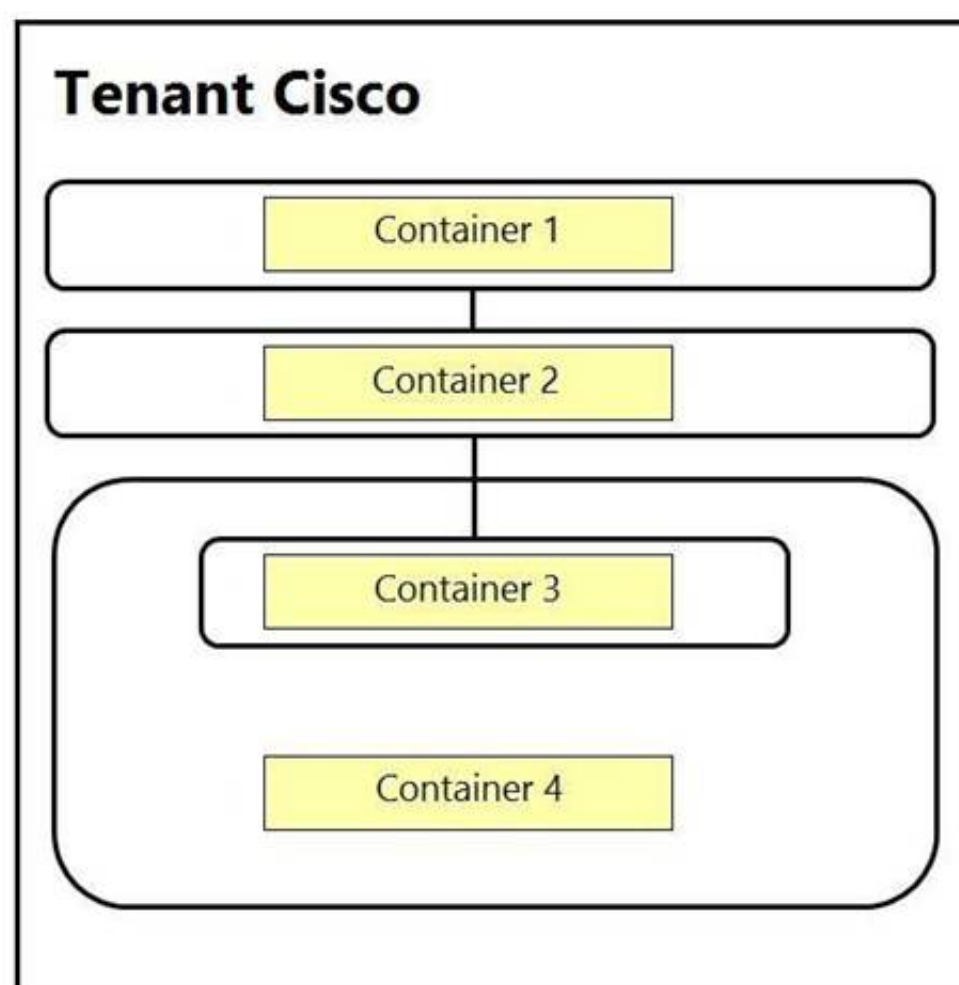
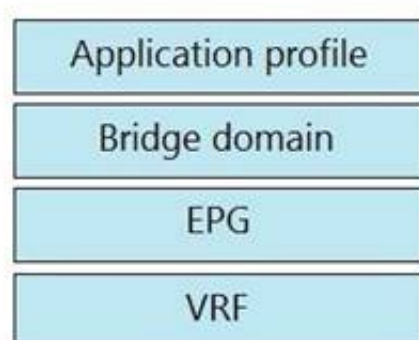
Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/Security_config/b_Cisco_API_C_Security_Guide/b_Cisco_API_C_Security_Guide_chapter_01011.html

NEW QUESTION 4

DRAG DROP

An engineer is configuring a VRF for a tenant named Cisco. Drag and drop the child objects on the left onto the correct containers on the right for this configuration.

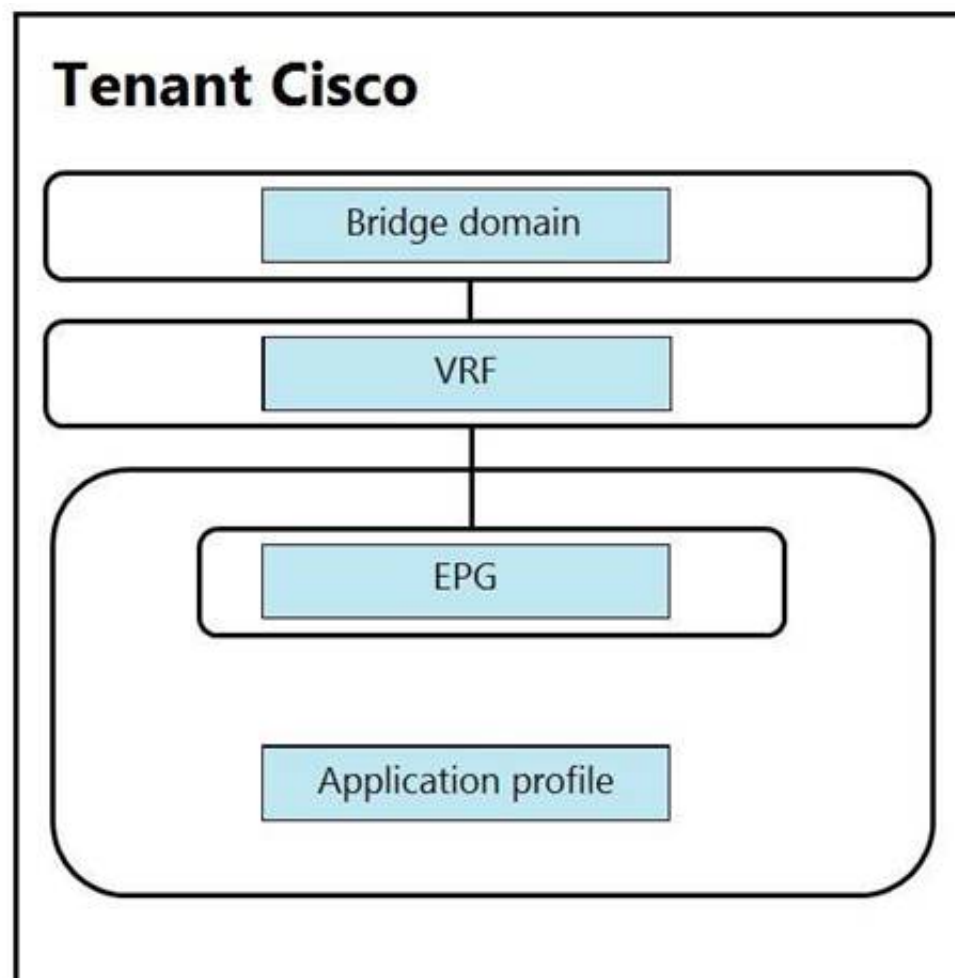
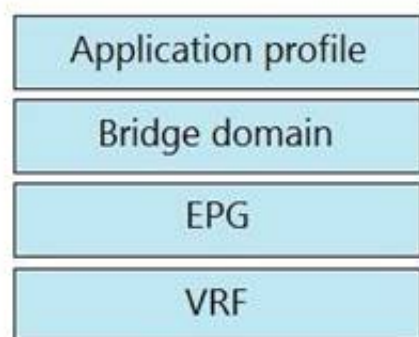


A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 5

An engineer is implementing Cisco ACI at a large platform-as-a-service provider using APIC controllers, 9396PX leaf switches, and 9336PQ spine switches. The leaf switch ports are configured as IEEE 802.1p ports. Where does the traffic exit from the EPG in IEEE 802.1p mode in this configuration?

- A. from leaf ports tagged as VLAN 0
- B. from leaf ports untagged
- C. from leaf ports tagged as VLAN 4094
- D. from leaf ports tagged as VLAN 1

Answer: A

NEW QUESTION 6

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 7

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-Fundamentals_chapter_010011.html

NEW QUESTION 8

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 9

Refer to the exhibit.

```
<fvTenant name="ACILab">
  <fvCtx name="pvn1"/>
  <fvBD name="bd1">
    <fvRsCtx tnFvCtxName="pvn1"/>
    <fvSubnet ip="10.1.100.1/24"/>
  </fvBD>
</fvTenant>
```

Which two objects are created as a result of the configuration? (Choose two.)

- A. application profile
- B. attachable AEP
- C. bridge domain
- D. endpoint group
- E. VRF

Answer: CE

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/b_Cisco_APIC_REST_API_Configuration_Guide_chapter_01110.html

NEW QUESTION 10

An engineer configured a bridge domain with the hardware-proxy option for Layer 2 unknown unicast traffic. Which statement is true about this configuration?

- A. The leaf switch drops the Layer 2 unknown unicast packet if it is unable to find the MAC address in the local forwarding tables.
- B. The Layer 2 unknown hardware proxy lacks support of the topology change notification.
- C. The leaf switch forwards the Layers 2 unknown unicast packets to all other leaf switches if it is unable to find the MAC address in its local forwarding tables.
- D. The spine switch drops the Layer 2 unknown unicast packet if it is unable to find the MAC address in the proxy database.

Answer: A

NEW QUESTION 10

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_Layer_2_Configuration_Guide_chapter_010.html

NEW QUESTION 15

When Cisco ACI connects to an outside Layers 2 network, where does the ACI fabric flood the STP BPDU frame?

- A. within the bridge domain
- B. within the APIC
- C. within the access encap VLAN
- D. between all the spine and leaf switches

Answer: A

Explanation:

Reference: https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c07-732033.html#_Toc395143571

NEW QUESTION 19

Refer to the exhibit.

Create vCenter Domain

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
------	-------------

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

Answer: D

NEW QUESTION 22

When configuring Cisco ACI VMM domain integration with VMware vCenter, which object is created in vCenter?

- A. datacenter
- B. VMware vSphere Standard vSwitch
- C. VMware vSphere Distributed Switch
- D. cluster

Answer: C

NEW QUESTION 23

An engineer has set the VMM resolution immediacy to pre-provision in a Cisco ACI environment. No Cisco Discovery Protocol neighborship 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 neighborship.
- D. No policies are downloaded because there is no discovery protocol neighborship.

Answer: C

NEW QUESTION 27

In the context of VMM, which protocol between ACI leaf and compute hosts ensures that the policies are pushed to the leaf switches for immediate and on demand resolution immediacy?

- A. VXLAN
- B. LLDP
- C. ISIS
- D. STP

Answer: A

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_0101.html

NEW QUESTION 28

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

NEW QUESTION 30

What represents the unique identifier of an ACI object?

- A. universal resource identifier (URI)
- B. application programming interface
- C. management information tree
- D. distinguished name

Answer: D

Explanation:

Reference: <https://www.slideshare.net/CiscoDevNet/introduction-to-aci-apis>

NEW QUESTION 32

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

NEW QUESTION 36

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 39

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

Answer: C

NEW QUESTION 44

A data center administrator is upgrading an ACI fabric. There are 3 APIC controllers in the fabric and all the servers are dual-homed to pairs of leaf switches configured in VPC mode. How should the fabric be upgraded to minimize possible traffic impact during the upgrade?

- A. * 1. Create two maintenance groups for the APIC controllers: VPC left and VPC right.* 2. Upgrade the first group of controllers.* 3. Upgrade the second group of controllers.* 4. Upgrade the leaf switches.
- B. * 1. Create two maintenance groups for APIC controllers: VPC left and VPC right.* 2. Upgrade the leaf switches.* 3. Upgrade the first group of controllers.* 4. Upgrade the second group of controllers.
- C. * 1. Create two maintenance groups for the leaf switches: VPC left and VPC right.* 2. Upgrade the APIC controllers.* 3. Upgrade the first group of leaf switches.* 4. Upgrade the second group of leaf switches.
- D. * 1. Create two maintenance groups for the leaf switches: VPC left and VPC right.* 2. Upgrade the first group of switches.* 3. Upgrade the second group of switches.* 4. Upgrade the APIC controllers.

Answer: D

NEW QUESTION 48

Which two protocols support accessing backup files on a remote location from the APIC? (Choose two.)

- A. TFTP
- B. FTP
- C. SFTP
- D. SMB
- E. HTTPS

Answer: BC

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/troubleshooting/b_APIC_Troubleshooting/b_APIC_Troubleshooting_appendix_010011.html

NEW QUESTION 50

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.

Answer: B

Explanation:

Reference: <https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-739714.html>

NEW QUESTION 52

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