



Cisco

Exam Questions 300-475

Building the Cisco Cloud with Application Centric Infrastructure

NEW QUESTION 1

Which best describes the Cisco ACI fabric configuration?

- A. manual discovery, manual provisioning, 10- and 40-Gb/s links, Clos design
- B. autodiscovery, manual provisioning, 10- and 40-Gb/s links, Clos design
- C. autodiscovery, zero-touch provisioning, 40-Gb/s links, Clos design
- D. manual discovery, zero-touch provisioning, 40-Gb/s links, Clos design

Answer: C

NEW QUESTION 2

What is the requirement to establish connectivity in the Cisco ACI fabric between two EPGs in separate tenants?

- A. scope tenant contract
- B. scope private contract
- C. scope intertenant contract
- D. scope global contract

Answer: D

NEW QUESTION 3

Which network protocol is used for Cisco ACI fabric data plane forwarding?

- A. VXLAN
- B. ISIS
- C. MP-BGP
- D. FabricPath

Answer: A

NEW QUESTION 4

Which two encoding languages are used by the Cisco APIC API? (Choose two.)

- A. JSON
- B. JAVA
- C. BSON
- D. XML
- E. YAML

Answer: AD

NEW QUESTION 5

Service graphs and service functions have which three characteristics? (Choose three.)

- A. Service graphs can only consist of a single service appliance.
- B. Service graph edges are directional.
- C. Taps (hardware-based packet copy service) can be attached to different points in the service graph.
- D. Service appliances are dynamically detected and configured when added to a service graph.
- E. The service graph restricts the administrator to linear service chains.
- F. Traffic can be reclassified again in the network after a service appliance emits it.

Answer: BCF

NEW QUESTION 6

Endpoints assigned to an EPG can be defined in several ways. What is an eligible attribute for this assignment?

- A. VLAN
- B. VXLAN or NVGRE
- C. VMware port group
- D. Layer 4 service port

Answer: A

NEW QUESTION 7

How can application workload mobility be achieved?

- A. By doing nothing, the fabric dynamically detects resource utilization and balances the fabric.
- B. Configure a VMM domain and attachable entity profile without provisioning VTEP for mobility.
- C. Workload mobility is not supported in ACI.
- D. Provision VTEPs to handle live migrations.

Answer: B

NEW QUESTION 8

As the Cisco ACI fabric administrator for a service provider, you have deployed a multitenant environment for your customers. Can a customer see the configuration of other customers' environments and fabric configurations?

- A. Yes, by default, all tenants of the fabric have administrative permissions.
- B. No, read/write restrictions prevent tenants from seeing other tenants including fabric configurations.
- C. No, intrusion detection devices hinder intertenant communication.
- D. Yes, by extrapolating data contained in multicast encapsulated frames, a tenant can intercept data of other tenants.

Answer: B

NEW QUESTION 9

Which entity manages Layer 4 to Layer 7 services in the Cisco ACI?

- A. vendor
- B. Cisco APIC
- C. MP-BGP
- D. ISIS

Answer: B

NEW QUESTION 10

How can system and pod health scores be viewed?

- A. GUI system dashboard
- B. cumulonimbus collector
- C. Cisco APIC Python
- D. Cisco Health Score Viewer

Answer: A

NEW QUESTION 10

Which two options are design requirements for leaf nodes in a Cisco Clos design? (Choose two.)

- A. high 40-Gb/s port density
- B. spine interconnectivity
- C. leaf interconnectivity
- D. fabric policy enforcement

Answer: BD

NEW QUESTION 12

Which three Cisco ACI migration options are available? (Choose three.)

- A. application-centric
- B. hybrid approach
- C. application port-centric
- D. hybrid application-centric
- E. network port-centric
- F. network-centric

Answer: ABF

NEW QUESTION 15

When designing Cisco ACI spine topology, how many spine switches are required?

- A. 2
- B. 3
- C. 5
- D. 6

Answer: A

NEW QUESTION 16

The Cisco ACI solution allows users to use Layer 2 and Layer 3 to connect to outside networks. What are two valid use cases for this scenario? (Choose two.)

- A. Connect to an existing switch network infrastructure and provide connection between workloads in the ACI fabric and workloads outside of the ACI fabric.
- B. Connect to LAN routers in the data center so that a LAN router provides data-center interconnect or Internet access for tenants.
- C. Extend the Layer 2 domain from ACI to a DCI platform so that the Layer 2 domain of ACI can be extended to a remote data center.
- D. In the existing data centers, connect a new switching network to an ACI leaf, and create a new VLAN and subnet across ACI and the existing network.

Answer: AC

NEW QUESTION 17

In Cisco ACI, which three statements are true about endpoints and endpoint groups? (Choose three.)

- A. EPGs contain endpoints that have common policy requirements such as security, virtual machine mobility, QoS, or Layer 4 to Layer 7 services.
- B. An EPG can be statically configured by an administrator in the Cisco APIC, or dynamically configured by an automated system such as vCenter or OpenStack.
- C. Policies are applied to individual endpoints rather than EPGs for better efficiency.
- D. Endpoints have an address (identity), a location, attributes (such as version or patch level), and can be physical or virtual.
- E. Endpoints have attributes and can only be virtual.
- F. An EPG can only be configured statically by an administrator in the Cisco APIC.

Answer: ABD

NEW QUESTION 18

Which two statements are true regarding APIs? (Choose two.)

- A. APIs have full read and write access to the Cisco ACI.
- B. APIs provide hardware-based mapping database lookup.
- C. APIs provide tenant- and application-aware programmability, automation, and system access.
- D. The API only accepts HTTP or HTTPS messages that contain Ruby or XML documents.

Answer: AC

NEW QUESTION 22

What is the Cobra SDK characterized by?

- A. a tool that does is used for orchestration
- B. an unofficial collection of scripts that users have developed
- C. an implementation of the Cisco APIC API that includes a complete copy of the object model
- D. an industry standard used by all API-enabled controllers

Answer: C

NEW QUESTION 25

What are the general steps to creating a tenant with Cisco ASA services?

- A. Create the tenant, apply the graph to the contract subject, define the Layer 4 to Layer 7 service device cluster, define the logical device content, create the service graph.
- B. Click the Create ASA Services button in the Cisco APIC Management Interface and enter the appropriate text and information.
- C. Create the tenant, define the Layer 4 to Layer 7 service device cluster, create the service graph, define the logical device content, apply the graph to the contract subject.
- D. You should not create the Cisco ASA Services as a tenant; it should be created as a bridge domain.

Answer: C

NEW QUESTION 29

OpFlex uses which standard web-based technology?

- A. Javascript Object Notation
- B. SmartTalk
- C. no API based features
- D. PHP

Answer: A

NEW QUESTION 31

Which two planes are involved in the discovery of hypervisor hosts on the Cisco ACI? (Choose two.)

- A. data
- B. management
- C. control
- D. HSRP
- E. LLDP

Answer: AC

NEW QUESTION 35

OpFlex can be used with any tree-based abstract model assuming the tree has what associated with it?

- A. API
- B. port group
- C. URI
- D. PR

Answer: C

NEW QUESTION 36

Which two guidelines or restrictions are valid when using traceroute? (Choose two.)

- A. When the traceroute source or destination is an endpoint, the endpoint must be dynamic and not static.
- B. The traceroute source and destination IP addresses are configured as a combination of IPv4 and IPv6 addresses.
- C. Traceroute only supports endpoint-to-endpoint mode.
- D. A traceroute that is initiated from the tenant endpoints shows the default gateway as an intermediate hop that appears at the ingress leaf switch.

Answer: AD

NEW QUESTION 38

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