300-475 Dumps

Building the Cisco Cloud with Application Centric Infrastructure

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NEW QUESTION 1
How does the Cisco ACI fabric decouple host identity from its location in the fabric?

A. VTEP addresses
B. contract
C. end point groups
D. L2VPN EVPN address family

Answer: C

NEW QUESTION 2
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 3
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 4
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 5
Which two statements describe overlay functionality in the Cisco ACI? (Choose two.)

A. Forwarding is not limited to or constrained by the encapsulation type or encapsulation network.
B. Forwarding is limited to and constrained by the encapsulation type of encapsulation network.
C. External identifiers are not local to the leaf or leaf port.
D. External identifiers are local to the leaf or leaf port.

Answer: AD

NEW QUESTION 6
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 7
On what does the Cisco ACI fabric object-oriented operating system run?

A. each Cisco Nexus 9000 series node
B. each Cisco Nexus 9000 leaf node
C. each Cisco Nexus 9000 spine node
D. only the Application Policy Infrastructure Controller

Answer: A

NEW QUESTION 8
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 9
Which three networking architectures is the Cisco ACI architecture based on? (Choose three.)

A. leaf-and-spine architecture
B. multicast gateway
C. a controller that is not involved in traffic forwarding
D. software-based mapping database lookup
E. zero-touch provisioning for all loopbacks, Layer 3 links, and routing within the fabric
F. Host-based forwarding in the mapping database that provides IP-to-VLAN tunnel endpoint mapping information to the spine

Answer: ACE

NEW QUESTION 10
In Cisco ACI, what enables inter-End Point Group communications?

A. contracts
B. subcontracts
C. private VLANs
D. community VLANs

Answer: A

NEW QUESTION 10
In Cisco ACI, contracts govern which two types of endpoint group communications? (Choose two.)

A. between ACI fabric application EPGs (fvAEPg), both intratenant and intertenant
B. between ACI fabric application EPGs and Layer 2 internal networks
C. between ACI fabric application EPGs and Layer 3 external outside network instance EPGs (l3extInstP)
D. strictly between ACI fabric out-of-band EPGs

Answer: AC

NEW QUESTION 13
In Cisco ACI, which three statements are true about bridge domains? (Choose three.)

A. Bridge domains can operate in two modes: legacy and normal.
B. Bridge domains can span multiple switches.
C. A bridge domain can contain multiple subnets, but a subnet is contained within a single bridge domain.
D. Subnets can span multiple EPGs; one or more EPGs can be associated with one bridge domain or subnet.
E. Unicast routing is applicable for bridge domains under normal mode.
F. Bridge domain legacy mode allows multiple VLANs per bridge domain.

Answer: BCD

NEW QUESTION 14
What is the programmatic interface of the APIC?

A. Northbound REST APIs
B. neighbor solicitation
C. logical model
D. DME

Answer: A

NEW QUESTION 15
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 16
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 20
What are two of the three methods in integrating the Cisco ACI with existing network infrastructure? (Choose two.)

A. as a super cloud overseeing a subcloud
B. asa data center policy engine
C. as a network supervisor module
D. as an additional data center pod
E. as an atomic network operator

Answer: BD

NEW QUESTION 22
When creating EPGs in the Cisco ACI, what does this automatically create on an associated DVS?

A. network ports
B. port groups
C. ACLs
D. VLANs

Answer: B

NEW QUESTION 25
What unique feature does the Cisco AVS have?

A. provides cross-consistency in features, management, and control through the Cisco APIC
B. allows for integration to the VMware vCenter
C. works as an edge device
D. has APIs for both northbound and southbound integration

Answer: A

NEW QUESTION 27
Cisco ACI uses which protocol as Southbound Protocol?

A. OpFlex
B. RIP
C. OpenFlow
D. EIGRP

Answer: A

NEW QUESTION 32
What is the maximum number of spine switches supported in a Cisco ACI cluster?

A. 4
B. 6
C. 8
D. 10

Answer: B

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
The Cisco APIC supports which two health score types? (Choose two.)

A. system-based
B. policy-based
C. leaf-based
D. EPG-based

Answer: AC

NEW QUESTION 40
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