

Top 300-620 Valid Test Forum Free PDF | Pass-Sure 300-620 Valid Test Vce: Implementing Cisco Application Centric Infrastructure



Implementing Cisco Application Centric Infrastructure v1.0 (300-620)

Exam Description: Implementing Cisco Application Centric Infrastructure v1.0 (DCACI 300-620) is a 90-minute exam that is associated with the CCNP Data Center Certification. This exam tests a candidate's knowledge of Cisco switches in ACI mode including configuration, implementation, and management.

The following topics are general guidelines for the content likely to be included on the exam. However, other related topics may also appear on any specific delivery of the exam. To better reflect the contents of the exam and for clarity purposes, the guidelines below may change at any time without notice.

20%	1.0	ACI Fabric Infrastructure
	1.1	Describe ACI topology and hardware
	1.2	Describe ACI Object Model
	1.3	Utilize faults, event record, and audit log
	1.4	Describe ACI fabric discovery
	1.5	Implement ACI policies
	1.5.a	access
	1.5.b	fabric
	1.6	Implement ACI logical constructs
	1.6.a	tenant
	1.6.b	application profile
	1.6.c	VRF
	1.6.d	bridge domain (unicast routing, Layer 2 unknown hardware proxy, ARP flooding)
	1.6.e	endpoint groups (EPG)
	1.6.f	contracts (filter, provider, consumer, reverse port filter, VRF enforced)
15%	2.0	ACI Packet Forwarding
	2.1	Describe endpoint learning
	2.2	Implement bridge domain configuration knob (unicast routing, Layer 2 unknown hardware proxy, ARP flooding)
20%	3.0	External Network Connectivity
	3.1	Implement Layer 2 out (STP/MCP basics)
	3.2	Implement Layer 3 out (excludes transit routing and VRF route leaking)
15%	4.0	Integrations
	4.1	Implement VMware vCenter DVS integration
	4.2	Describe resolution immediacy in VMM
	4.3	Implement service graph (managed and unmanaged)
20%	5.0	ACI Management
	5.1	Implement out-of-band and in-band
	5.2	Utilize syslog and snmp services

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Cisco 300-620 (Implementing Cisco Application Centric Infrastructure) Certification Exam is designed to validate the skills and knowledge required to implement and manage Cisco's Application Centric Infrastructure (ACI) solutions. ACI is a comprehensive software-defined networking (SDN) architecture that provides centralized automation and policy-driven application profiles, making it easier to manage complex data center environments. 300-620 exam is targeted towards network engineers, architects, and administrators who want to prove their expertise in deploying and maintaining ACI-based solutions.

Cisco 300-620 exam, also known as Implementing Cisco Application Centric Infrastructure (DCACI), is designed to test an individual's knowledge and expertise in implementing Cisco's Application Centric Infrastructure (ACI). 300-620 exam is part of the Cisco Certified Specialist - Data Center ACI Implementation certification track and is ideal for professionals who want to demonstrate their skills in deploying and managing Cisco ACI solutions. Passing 300-620 exam validates a candidate's ability to implement and troubleshoot ACI environments, including fabric discovery, policies, virtualization, automation, and integration.

Understanding functional and technical aspects of Implementing Cisco Application Centric Infrastructure (300-620 DCACI) Security Policies and Procedures

The following will be discussed in **CISCO 300-620 Exam Dumps**:

Customers changing application requirements need a flexible approach that is simple, more agile, and application-centric. Ease of provisioning and speed are critical performance metrics for data center network infrastructure that support physical, virtual, and cloud environments-without compromising scalability or security.

Cisco Application Centric Infrastructure (Cisco ACI) is a comprehensive software-defined networking (SDN) architecture. This solution provides a network that is deployed, monitored, and managed in an application-centric way. It uses business-relevant language that benefits different teams working with and within the IT organization.

- Distributed Virtual Switch (DVS)
- Implement configuration backup (snapshot/config import export)
- Configure an upgrade
- Compare Traffic Forwarding Methods in a Bridge Domain
- Configure External Layer 2 (L2Out) Connection
- Create Access Policies and Virtual Port Channel (vPC)
- Implement out-of-band and in-band
- Enable Inter-EPG Layer 2 Connectivity
- Enable Layer 2 Connectivity in the Same Endpoint Group (EPG)
- Validate Fabric Discovery
- Implement AAA and RBAC
- Configure Network Time Protocol (NTP)

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Cisco Implementing Cisco Application Centric Infrastructure Sample Questions (Q184-Q189):

NEW QUESTION # 184

Refer to the exhibit.

The screenshot displays the Cisco ACI GUI configuration for a service graph. The left navigation pane shows the hierarchy: L4-L7 > Service Parameters > Service Graph Templates > Prod_to_Trans > Function Node - ASAv02. The main configuration area shows the 'Terminate Nodes' table and the 'Connections' table.

Terminate Nodes		Provider/Consumer
Name		
T1		Consumer
T2		Provider

Connections		Connected Nodes	Direct Connect	Unicast Route	Adjacency Type
Name					
C1		N1, T1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C2		N1, T2	False	<input type="checkbox"/>	

The 'Adjacency Type' dropdown menu is highlighted with a red box, showing a list of options.

Which Adjacency Type value should be set when the client endpoint and the service node interface are in a different subnet?

- A. Unicast
- B. Routed
- C. L3

- D. L3Out

Answer: C

NEW QUESTION # 185

Where is the COOP database located?

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

Answer: A

Explanation:

Section: ACI Fabric Infrastructure

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

NEW QUESTION # 186

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

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

Answer: C

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 # 187

A network engineer configured a Cisco ACI fabric as follows:

- An EPG called EPG-A is created and associated with a VMM domain called North.
- The EPG-A is associated with BD-A and is in an application profile called Apps-A.
- The BD-A is associated with VRF-1 in the Prod tenant.

Which port group must be selected to place VMs in EPG-A?

- A. Prod|Apps-A|North|EPG-A
- B. Prod|Apps-A|EPG-A
- C. Prod|Business_Apps|BD-A|EPG-A
- D. Prod|VRF-1|Apps-A|EPG-A

Answer: B

Explanation:

The port group name is a concatenation of the tenant name, the application profile name, and the EPG name.

https://www.cisco.com/c/dam/m/en_us/solutions/data-center-virtualization/application-centric-infrastructure/aci-virtualization-guide-chapter.pdf

NEW QUESTION # 188

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

Answer: A

NEW QUESTION # 189

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