

Cisco - The Best 300-620 - Valid Implementing Cisco Application Centric Infrastructure Test Pdf



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 Exam is a challenging certification exam that tests the skills and knowledge of IT professionals in implementing Cisco ACI solutions. It is a valuable credential for IT professionals who work in data center environments and want to demonstrate their expertise in Cisco's latest data center networking technologies. With the growing demand for ACI solutions in the industry, the ACI Implementation certification is a great way to enhance your career prospects and stay ahead of the competition.

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Cisco Implementing Cisco Application Centric Infrastructure Sample Questions (Q203-Q208):

NEW QUESTION # 203

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

Answer: D,E

Explanation:

The XML configuration snippet provided in the exhibit results in the creation of two objects within the Cisco ACI environment: Bridge Domain (Option C): This is indicated by the XML element `<fvBD name="bd1">`, which defines a bridge domain with the name "bd1".

VRF (Option E): This is shown by the XML element `<fvCtx name="pvn1"/>`, which defines a Virtual Routing and Forwarding instance named "pvn1".

These objects are essential for network segmentation and routing within the ACI fabric, where the bridge domain represents a Layer 2 broadcast domain and the VRF is used for Layer 3 routing separation.

NEW QUESTION # 204

Refer to the exhibit.

Terminate Nodes:		Name	Provider/Consumer
	T1		Consumer
	T2		Provider

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

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

- A. L3Out
- B. L3
- C. Unicast
- **D. Routed**

Answer: D

NEW QUESTION # 205

Which two dynamic routing protocols are supported when using Cisco ACI to connect to an external Layer 3 network? (Choose two.)

- A. RIPv2
- B. iBGP
- C. eBGP
- D. VXLAN
- E. IS-IS

Answer: B,C

NEW QUESTION # 206

Refer to the exhibit. 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"?

The screenshot shows the 'Create vCenter Domain' configuration window. The 'Delimiter' field is empty, which is the correct configuration for generating port group names in the format 'Tenant=Application=EPG'. Other fields include 'Virtual Switch Name' (Lab-VirtualSwitch), 'Virtual Switch' (VMware vSphere Distributed Switch), 'Associated Attachable Entity Profile' (Lab-ApplicationAttachableAccessEn), 'Access Mode' (Read Only Mode), and 'Endpoint Retention Time (seconds)' (0). A table for 'Security Domains' is also visible at the bottom.

- A. security domains
- B. delimiter
- C. enable tag collection
- D. virtual switch name

Answer: B

Explanation:

Step 8 Configuring the delimiter during VMM domain creation, perform the following actions:

On the menu bar, choose VM NETWORKING > Inventory

In the Navigation pane, right-click VMware and click Create vCenter Domain.

In the Create vCenter Domain dialog box, enter a Name.

Optional: In the Delimiter field, enter one of the following: |, ~, !, @,

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