


Cisco 300-620 Exam | 300-620 Study Guide Pdf - Ensure You Pass 300-620 Exam For Sure

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CD/JUL 2024/CSC207/204



UNIVERSITI TEKNOLOGI MARA
FINAL EXAMINATION

COURSE	: FUNDAMENTALS OF OPERATING SYSTEMS / PRACTICAL APPROACH OF OPERATING SYSTEMS	
COURSE CODE	: CSC207/204	LEHNY YUSRINA BINTI BUJANG KHEOH Pensyarah Kanan Kolej Pengajian Pengkomputeran, Informatik Dan Matematik Universiti Teknologi MARA Cawangan Sarawak
EXAMINATION	: JULY 2024	
TIME	: 3 HOURS	

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of two (2) parts: PART A (20 Questions)
PART B (7 Questions)
2. Answer ALL questions from all two (2) parts:
 - i. Answer PART A and PART B in the Answer Booklet. Start each answer on a new page.
3. Do not bring any material into the examination room unless permission is given by the invigilator.
4. Please check to make sure that this examination pack consists of:
 - i. the Question Paper
 - ii. an Answer Booklet – provided by the Faculty
5. Answer ALL questions in English.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

This examination paper consists of 11 printed pages

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Exam Overview

Cisco 300-620 lasts for 90 minutes within which the applicants must complete all 60 questions submitted in the following formats: multiple choice, testlets, and drag and drop. Therefore, if you have made up your mind, you can schedule the exam available in English via Pearson VUE. However, please note that the minimum passing score is 825 points out of a maximum of 1000, which means that you need to prepare for this test with great deliberation.

Vital Exam Domains: A Detailed Overview

In order to deliver result-oriented learning, the content of 300-620 test assesses the candidates' knowledge with the help of six domains. They fabricate the entire exam structure and include minute concepts that are also disclosed below.

- **ACI Fabric Infrastructure**

The first domain is the prime focus of the exam. Using multiple sub-topics, it tries to impart up-to-date and detailed information about the topology, policies' implementation, Object Model, hardware, and the fabric discovery description related to ACI. ACI logical constructs' implementation and its related concepts like a tenant, application profile, VRF, bridge domain, endpoint groups, and contracts are also well explained in this section.

- **External Network Connectivity**

This module of the syllabus is all about the implementation of Layer 2 out, which requires candidates to be familiar with the STP/MCP basics and more. Other concepts like Layer 3 out and others are covered diligently as well.

- **ACI Management**

The second last domain talks about the detailed understanding of out-of-band along with in-band deployment. Besides, it assesses that test-takers' abilities in utilizing syslog, snmp services, handling configuration back-up, performing AAA & RBAC implementation, and setting up an upgrade.

- **ACI Anywhere**

The last exam domain carries the least weightage. Yet it manages to impart a considerable amount of understanding about multipod and multisite specifics.

- **Integration**

Under this exam domain, the applicants will have a chance to demonstrate their knowledge of viable ways to deploy VMware vCenter DVS setup along with a service graph. This section also validates the understanding of resolution immediacy in VMM.

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The benefit in Obtaining the Implementing Cisco Application Centric Infrastructure (300-620 DCACI)

This exam will help you:

- Gain the skills and hands-on practice integrating the enhanced, automated capabilities of Cisco Nexus 9000 Series Switches in ACI mode for quicker application deployment
- Get the knowledge for protocols, solutions and designs to acquire professional-level and expert-level data center job roles
- Earn 40 CE credits toward recertification

Cisco Implementing Cisco Application Centric Infrastructure Sample Questions (Q128-Q133):

NEW QUESTION # 128

Refer to the exhibit.

Refer to the exhibit. An engineer configures communication between the EPGs in different tenants. Which action should be taken to create the subnet?

- A. Leave Scope set to Private to VRF.
- B. Change Scope to Advertised Externally.
- **C. Change Scope to Shared between VRFs.**
- D. Add the L3Out for Route Profile value.

Answer: C

Explanation:

To configure communication between the EPGs in different tenants, the subnet scope should be set to "Shared between VRFs". This allows the subnet to be shared across different VRFs, enabling communication between EPGs that are in different tenants but within the same VRF. By marking the subnet as shared, it becomes visible to other VRFs, which is necessary for inter-tenant communication.

Reference:

Learning ACI - Part 12: Inter-VRF and Inter-Tenant Communication

NEW QUESTION # 129

In-band is currently configured and used to manage the Cisco ACI fabric. The requirement is for leaf and spine switches to use out-of-band management for NTP protocol. Which action accomplishes this goal?

- A. Add a new filter to the utilized Out-of-Band-Contract to allow NTP protocol.
- B. Create an Override Policy with NTP Out-of-Band for leaf and spine switches.
- C. Change the interface used for APIC external connectivity to ooband.
- **D. Select Out-of-Band as Management EPG in the default DateTimePolicy.**

Answer: D

Explanation:

<https://www.cisco.com/c/en/us/support/docs/cloud-systems-management/application-policy-infrastructure-controller-apic/200128-Configuring-NTP-in-ACI-Fabric-Solution.html>

NEW QUESTION # 130

A Solutions Architect is asked to design two data centers based on Cisco ACI technology that can extend L2/L3, VXLAN, and network policy across locations. ACI Multi-Pod has been selected.

Which two requirements must be considered in this design? (Choose two.)

- **A. A single APIC Cluster is required in a Multi-Pod design. It is important to place the APIC Controllers in different locations in order to maximize redundancy and reliability.**
- B. ACI Multi-Pod does not support Firewall Clusters across Pods. Firewall Clusters should always be local.
- **C. ACI Multi-Pod requires an IP Network supporting PIM-Bidir.**
- D. ACI underlay protocols, i.e. COOP, IS-IS and MP-BGP, spans across pods. Create QoS policies to make sure those protocols have higher priority.
- E. Multi-Pod requires multiple APIC Controller Clusters, one per pod. Make sure those clusters can communicate to each other through a highly available connection.

Answer: A,C

Explanation:

Multipod is with only a single APIC cluster - multisite requires multiple clusters.

"The entire network hence runs as a single large fabric from an operational perspective; however, ACI Multi-Pod introduces specific enhancements to isolate as much as possible the failure domains between Pods, contributing to increase the overall design resiliency. This is achieved by running separate instances of fabric control planes (IS-IS, COOP, MP-BGP) across Pods."

<https://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/application-centric-infrastructure/white-paper-c11-737855.html>

NEW QUESTION # 131

Which feature should be disabled on a bridge domain when a default gateway for endpoints is on an external device instead of a Cisco ACI bridge domain SVI?

- **A. unknown unicast flooding**
- B. ARP flooding
- C. unicast routing
- D. proxy ARP

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