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As is known to us, getting the newest information is very important for all people to pass the exam and get the certification in the shortest time. In order to help all customers gain the newest information about the 300-620 exam, the experts and professors from our company designed the best Implementing Cisco Application Centric Infrastructure test guide. The experts will update the system every day. If there is new information about the exam, you will receive an email about the newest information about the 300-620 learning dumps. We can promise that you will never miss the important information about the exam.

Cisco 300-620 exam is an advanced-level certification test that focuses on the implementation of Cisco Application Centric Infrastructure (ACI). 300-620 exam is designed for IT network professionals who want to demonstrate their expertise in deploying, configuring, and managing Cisco ACI solutions. Implementing Cisco Application Centric Infrastructure certification is a valuable asset for IT professionals who want to advance their careers and improve their job prospects in the IT industry.

To pass the Cisco 300-620 exam, candidates must have a strong understanding of Cisco ACI architecture, policies, fabric discovery, and integration with other network components. They should also be familiar with automation and programmability concepts, including REST APIs, JSON, and Python scripting. Additionally, candidates must have hands-on experience in configuring and managing ACI environments using Cisco Application Policy Infrastructure Controller (APIC) and related tools. Successful completion of the Cisco 300-620 Exam validates the candidates' skills and knowledge in ACI implementation, which can lead to better job opportunities and career growth in the field of network infrastructure.

To be eligible to take the Cisco 300-620 exam, candidates must have a strong understanding of data center technologies, including networking, storage, virtualization, and security. Candidate must also have some experience in the implementation and management of Cisco's Application Centric Infrastructure. It is recommended that candidates attend the Implementing Cisco Application Centric Infrastructure (DCACI) course before taking the exam.

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In-depth of Questions Cisco 300-620 Exam Pattern

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Cisco Implementing Cisco Application Centric Infrastructure Sample Questions (Q43-Q48):

NEW QUESTION # 43
Drag and Drop Question
An engineer must use a Cisco ACI backup process to back up the entire data center fabric configuration. Drag and drop the configuration snippets onto the boxes to back up the configuration, including hashed secure properties to the FTP server. Not all configuration snippets are used.

Answer:

Explanation:

NEW QUESTION # 44

An engineer plans a Cisco ACI firmware upgrade. The ACI fabric consists of three Cisco APIC controllers, two spine switches, and four leaf switches. Two leaf switches have 1-Gb copper s for bare metal servers, and the other two leaf switches have 10-Gb SFP ports to connect storage. Which set of actions accomplishes an upgrade with minimal disruptions?

- A. Upgrade the APIC controllers by selecting the desired firmware and choosing Upgrade Now.
  Divide the switches into two upgrade groups: spines and leaves.
  Start the firmware upgrade on the spine upgrade group and then proceed with the leaf upgrade group.
- B. Upgrade the APIC controllers by initiating the upgrade process that uses the most recent uploaded firmware.
  Divide the switches into three upgrade groups: spines, 1-Gb switches, and 10-Gb switches.
  Start the firmware upgrade on the spine upgrade group and then proceed with the other two groups.
- C. Upgrade the APIC controllers as a single group by selecting the firmware and choosing Upgrade Now.
  Divide the switches into four upgrade groups with one switch per group.
  Start the firmware upgrade on each upgrade group in succession until all four are complete.
- D. Upgrade the APIC controllers by selecting the desired firmware and choosing Upgrade Now.
  Divide the switches into two upgrade groups with one spine, one 1-Gb switch, and one 10-Gb switch per group.
  Start the firmware upgrade on the first upgrade group and when it finishes, start the second upgrade group.

Answer: D

NEW QUESTION # 45

An engineer must advertise a bridge domain subnet out of the ACI fabric to an OSPF neighbor. Which two configuration steps are required? (Choose two.)

- A. Add L3Out profile to the bridge domain using Associated L3Outs section
- B. Configure Subnet scope to Advertised Externally
- C. Add External Subnet for External EPG flag under External EPG.
- D. Configure the Subnet under the EPG level.
- E. Create Route Control Profile with the export direction under External EPG.

Answer: A,B

Explanation:
To advertise a bridge domain subnet out of the ACI fabric to an OSPF neighbor, the following configuration steps are required:
Configure Subnet scope to Advertised Externally: This step involves setting the scope of the subnet within the bridge domain to be advertised externally, which allows the subnet to be propagated to external routing entities3.
Add L3Out profile to the bridge domain using Associated L3Outs section: This step involves associating the bridge domain with an L3Out profile, which is necessary for the bridge domain subnet to be advertised to OSPF neighbors4.

NEW QUESTION # 46

Cisco ACI fabric contains 10 standalone leaf switches. An engineer must configure only the first two leaf switches in a VPC. Which VPC protection type must be configured to accomplish goal?

- A. reciprocal
- B. explicit
- C. consecutive
- D. serial

Answer: B

Explanation:
The scenario involves a Cisco ACI fabric with 10 standalone leaf switches, and the engineer must configure only the first two leaf switches (e.g., Leaf-1 and Leaf-2) in a Virtual Port Channel (vPC) configuration. The goal is to select the appropriate vPC protection type to achieve this specific pairing while leaving the other eight leaf switches standalone.
Requirement Analysis
In Cisco ACI, vPC is used to provide active-active link redundancy and load balancing between two leaf switches connected to the same set of endpoints (e.g., servers or external devices).
The fabric contains 10 standalone leaf switches, meaning no pre-existing vPC pairs are configured, and the task is to form a vPC specifically between the first two leaf switches.
The vPC protection type determines how the pair is defined and protected within the ACI fabric, ensuring the configuration is limited

to the intended switches.
Option Evaluation
A . serial:
The "serial" protection type is not a valid vPC protection option in Cisco ACI. This term might be confused with serial link configurations or other networking contexts, but it does not apply to vPC in ACI.
Reference:
B . explicit:
The "explicit" vPC protection type allows the engineer to manually specify the exact pair of leaf switches to form a vPC. In this case, the engineer can configure Leaf-1 and Leaf-2 as an explicit vPC pair, leaving the other eight leaf switches standalone. This method provides precise control over which switches are paired, aligning with the requirement to configure only the first two.
C . reciprocal:
The "reciprocal" protection type is not a standard vPC protection option in ACI. This term might imply mutual protection, but it is not documented as a specific vPC configuration mode in ACI.
D . consecutive:
The "consecutive" protection type is not a recognized vPC protection option in ACI. It might suggest pairing switches based on their IDs (e.g., consecutive node IDs), but ACI does not use this as a formal protection mechanism. The fabric could interpret this incorrectly, potentially pairing unintended switches.
Final Answer Justification
B is correct because the "explicit" vPC protection type allows the engineer to manually designate Leaf-1 and Leaf-2 as a vPC pair, ensuring that only these two switches are configured in a vPC while the remaining eight leaf switches remain standalone. This method provides the precision needed to meet the goal and is a standard feature in ACI vPC deployments.
Primary Cisco Reference:
Cisco APIC Layer 2 Networking Configuration Guide, "Configuring vPC with Explicit Protection." Cisco ACI Design Guide, "vPC Deployment Options." Cisco ACI vPC Best Practices, "Explicit vPC Pair Configuration."

NEW QUESTION # 47

In the context of VMM, which protocol between ACI leaf and compute hosts ensures that the policies are pushed to the leaf switches for immediate and on demand resolution immediacy?

- A. LLDP
- B. VXLAN
- C. ISIS
- D. STP

Answer: B

NEW QUESTION # 48

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