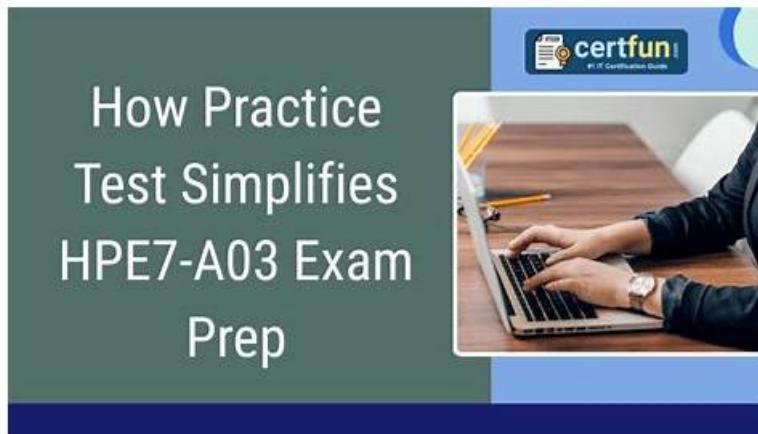


# HPE7-A03 Certification Test Answers & HPE7-A03 Guaranteed Passing



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## HP HPE7-A03 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>Discover Requirements: This topic defines the goals and identifies the current environment and the objectives. Lastly, it also focuses on collecting information.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>Propose the Solution: The focal point of this topic is creating the design documentation and the final design. Moreover, the topic also focuses on presenting the solution.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>Analyze Requirements: It focuses on determining possible high-level solutions. The topic also discusses mapping the needs into technical solutions and evaluating the proposed solution against project objectives and dependencies. Moreover, it also focuses on documenting assumptions.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>Architect the Solution: It measures your knowledge about identifying the solution options, designing high-level topologies, selecting the correct products, and determining the suitable overlay and underlay design. Additionally, the topic discusses how to verify that the design meets the original requirements.</li></ul>

>> HPE7-A03 Certification Test Answers <<

## HPE7-A03 Guaranteed Passing, HPE7-A03 Reliable Test Experience

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## HP Aruba Certified Campus Access Architect Exam Sample Questions (Q46-Q51):

### NEW QUESTION # 46

The current IT staff is used to working with legacy Aruba OS-S (ProCurve) equipment. They are worried that they cannot handle Aruba OS-CX switches due to the different command syntax. What are two ways to make the transition easier for them? (Select two.)

- A. create aliases
- B. ASP
- C. CLI Reference Guide for Aruba OS-CX, Aruba OS-Switch, Comware and Cisco IOS
- D. Aruba CU Bank

**Answer: A,C**

Explanation:

To ease the transition for IT staff accustomed to legacy Aruba OS-S (ProCurve) equipment when moving to Aruba OS-CX switches, two effective approaches are creating aliases (Option A) and using the CLI Reference Guide for Aruba OS-CX, Aruba OS-Switch, Comware, and Cisco IOS (Option B). Aliases allow the creation of custom command shortcuts or mappings in Aruba OS-CX, which can mimic or resemble the commands staff are familiar with from Aruba OS-S, making the command-line interface (CLI) more intuitive for them.

The CLI Reference Guide is an invaluable resource that provides a comparative view of commands across different operating systems, including Aruba OS-CX and Aruba OS-S, helping staff understand the equivalent commands and functionalities in the new OS-CX environment. Both these tools can significantly reduce the learning curve and help the IT staff become proficient with Aruba OS-CX switches more quickly.

### NEW QUESTION # 47

What is the simple difference between a main distribution framework (MDF) closet and an intermediate distribution framework (IDF) closet?

- A. MDF is a term used in Europe whereas the Americas refer to all network closets as IDFs in their documentation.
- B. MDFs always have larger rooms than IDFs.
- C. MDF is the point where traffic egresses the campus network, and IDFs distribute that connectivity throughout the building.
- D. MDFs only connect to other MDFs, and IDFs only connect to other IDFs.

**Answer: C**

Explanation:

In network design, the Main Distribution Frame (MDF) and Intermediate Distribution Frame (IDF) are critical components of the network infrastructure. The MDF is the primary hub of the network, often where services from outside the campus or building enter and get distributed. It acts as a central point for network distribution. On the other hand, IDFs are secondary hubs situated throughout the building or campus, extending connectivity provided by the MDF to various endpoints or areas within the building. The simple difference between them lies in their roles within the network infrastructure: the MDF serves as the main point of network ingress and egress, while IDFs are used to further distribute the network to specific locations or floors within the building.

### NEW QUESTION # 48

A global cruise line company needs to refresh its current fleet. They will refresh the "insides" of the ship to be cost-effective and increase their sustainability. They will replace the complete WLAN/LAN hardware of the ship. In this refresh, the company will not refresh its current security requirements. The CIO also wants to limit the number of unused ports in the switches. Future expansion will always mean a refresh of hardware.

They start with the smallest ship with a maximum of 800 guests.

Each ship has a LAN infrastructure consisting of two core switches, up to 10 redundant distribution switches, and up to 500 access switches (400 cabins, 100 technical rooms). The core switches are located in the MDF of the ship and the distribution switches are located in the IDFs of the ship. Each cabin and technical room gets one single access switch.

The cabling structure of the ship will not be refreshed. Each IDF is connected to the MDF by SMF, of which two pairs are available for the interconnect between the core and distribution. The length of SM fiber between MDF and IDF is less than 300 meters (930

ft) and the type used is OS1. Each cabin is connected by a single OM2 pair to the IDF, the maximum length is 60 meters (200 ft). Each technical room is connected by a single OM2 pair to the IDF, with lengths between 100 and 150 meters (320 and 500 ft). For each cabin/technical room the customer is looking to replace their current fan-less 2530/2540 without changing the requirements, except they need to upgrade the uplink to distribution switch to 10 GbE to handle the increased network traffic, and the technical rooms need redundant power.

The WLAN infrastructure will be 1:1 refreshed without new cabling or new AP locations. Their WLAN infrastructure is based on the 200/300 series indoor and outdoor APs running InstantOS (less than 300 APs).

The customer has no change in WLAN requirements.

The cruise line company will replace its current Internet connection before the LAN/WLAN refresh. The new Internet connection will provide a 99.8% uptime, which is needed to ensure the paid guest Wi-Fi is always operational. With this new internet connection, the CIO of the cruise line wants to base the design on the ESP architecture from Aruba because Internet connection is guaranteed.

Based on best practices, what should you recommend as the most cost-effective switch model for the cabins?

- A. HPE Aruba Networking 6100 12G Class4 PoE 2SFP+
- B. HPE Aruba Networking 6200F 12G Class4 PoE 2G/2SFP+
- C. HPE Aruba Networking 6100 24G Class4 PoE 4SFP+
- D. HPE Aruba Networking 6000 12G Class4 PoE 2G/2SFP

**Answer: A**

Explanation:

\* Key Cabin Requirements:

- \* Each cabin requires a single small form-factor access switch.
- \* Must support 10 GbE uplink toward the distribution switch.
- \* Must provide PoE to power in-room devices or APs.
- \* Must be cost-effective - the CIO does not want wasted ports.

\* Aruba CX 6100 Series Fit:

- \* The Aruba CX 6100 series is designed for cost-sensitive edge deployments where simplicity and PoE are required.

- \* The 12-port variant (6100 12G Class4 PoE 2SFP+) provides:

- \* Exactly the right number of access ports for cabin needs.

- \* 10 GbE uplinks through its SFP+ ports.

- \* Class 4 PoE support for powering access points or IoT devices.

- \* Fanless design options, important for quiet in-room installations.

- \* This ensures no wasted ports, aligning with the CIO's requirement to minimize unused capacity.

- \* Why not the other options?

- \* A (6200F 12G PoE 2SFP+): The 6200F is higher cost and aimed at larger campus edge deployments with richer feature sets, making it less cost-effective for single-cabin use.

- \* B (6100 24G PoE 4SFP+): Provides 24 access ports, which would be overprovisioned (wasted ports) in cabins where only 1-2 devices need connectivity.

- \* D (6000 12G PoE 2SFP): The 6000 series is more limited in features, and does not support 10 GbE uplinks, which are required by the CIO for increased traffic handling.

\* Aruba Design Guide Reference:

- \* Aruba ESP Campus Access Design recommends CX 6100 switches for cost-optimized edge /cabin scenarios.

- \* 10 GbE uplink requirement and PoE needs align directly with the CX 6100 12-port model with 2x SFP+ uplinks.

- \* This model provides the most cost-effective, right-sized, and standards-compliant option for cabin switches.

Final Justification:

The correct and most cost-effective model for the cabins is the Aruba CX 6100 12G Class4 PoE 2SFP+, which provides PoE, supports 10 GbE uplinks, avoids wasted ports, and matches Aruba best practices for cabin access switches.

## NEW QUESTION # 49

ACME retail has 38 locations spread out across five US states and two provinces in Canada.

They are looking to grow 20% over the next two years. They have an HQ with a staff of 200 employees. The organization has eight Regional Managers and two VPs who work from home and the road. Stores typically have 17 employees on average per location. The two warehouses have a remote loading system and 20 employees each to load the trucks and fulfill the online orders. The warehouse has 40-foot ceilings and large metal racks to store inventory. The main location is 240K sq ft (22300 sq m) and the Canadian warehouse is 130K sq ft (12100 sq m). The forklifts on the loading docks are equipped with a wireless tablet on board. A typical store is reportedly about 60,000 sq ft (5575 sq m) and smaller stores are planned at

25,000 sq ft (2320 sq m). The locations need to expand the abilities to vendors that need to add setup displays or interactive kiosks in the stores. The current infrastructure was installed in 2015 and used wireless N technology in a coverage model. The wiring is Cat5, and they are unsure of the fiber connections. The inventory is all placed on the floor when it is delivered to the local store. Inventory control is handled through Zebra barcode scanners, and they have had a lot of issues in getting signals throughout the stores and this makes monthly inventory difficult. The organization has a small help desk to troubleshoot issues that happen at the retail locations and PC support for the office. The company is looking to upgrade away from the current PBX system later this year. With the need to grow and cut costs, they are interested in moving the data to the cloud but need to get almost real-time inventory control for the online service to function.

The network has all been wired over the last ten years, but with the new systems being all wireless, they have seen the trend to offer wireless to all the vendors for their needs but also would be to allow employees, guests, and contractors all to use it. With the new IT director starting next week, the project has been set by the CTO of the company. The marketing group has asked how they can interact with the customers and get more info, while the IT support desk needs to cut staff in half.

The office has an MDF and two IDFs located on floors one and two. The MDF is in the basement, and you have multiple WAN circuits for the HQ links. Each store has a local handoff from the cable company (ethernet) in the middle of the store in the office, so distance for the wiring is not an issue.

The customer has budget concerns but does want something that could last 7+ years.

The customer would like to host all the applications at the HQ Data Center.

Which design would meet the customer's requirements?

- A. Instant OS access points
- B. 10000 switch with Pensando
- C. HPE Comware switches
- D. **SD-Branch Architecture**
- E. UXI Sensors

#### Answer: D

Explanation:

For ACME Retail, which aims to host all applications at the HO Data Center and has multiple locations spread across different geographical areas, the Aruba SD-Branch Architecture would be the most suitable design to meet their requirements. This architecture provides a simplified, integrated branch networking solution combining SD-WAN, LAN, and security features. It enables centralized management and control, allowing ACME Retail to efficiently route traffic from branch locations to the HO Data Center, ensuring secure and reliable access to applications. The SD- Branch solution can accommodate the company's growth and adapt to changing network demands, making it an ideal choice for a scalable and flexible network infrastructure that supports ACME Retail's business objectives.

#### NEW QUESTION # 50

ACME retail has 38 locations spread out across Ave US states and two provinces in Canada. They are looking to grow 20% over the next two years. They have an HO with a staff of 200 employees. The organization has eight Regional Managers and two VPs who work from home and the road. Stores typically have 17 employees on average per location.

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The office has an MDF and two IDFs located on floors one and two. The HOF is in the basement, and you have multiple WAN circuits for the HO links. Each store has a local handoff from the cable company (Ethernet) In the middle of the store in the office, so distance for the wiring is not an issue.

The customer has budget concerns but does want something that could last 7+ years.

ACME Retail is using 4-post racks. Which rack mounting kit is better suited for this project?

- A. optional Aruba 2-pet Rack Mount Kit
- B. optional Third Party 4-port Rack Mount Kit
- C. included Rack Mounting Kit
- D. optional Aruba Universal 4-post Rack Mount Kit

**Answer: D**

### Explanation:

For a large multinational retail company like ACME Retail that uses 4-post racks in their network infrastructure, the most suitable rack mounting kit would be the optional Aruba Universal 4-post Rack Mount Kit. This kit is designed to provide a secure and stable mounting solution for networking equipment in 4-post rack systems, which are commonly used in enterprise environments for their robustness and ability to support heavier equipment. The Aruba Universal 4-post Rack Mount Kit is versatile and designed to fit a wide range of Aruba switches and networking devices, making it an ideal choice for ACME Retail's project, ensuring compatibility and ease of installation across their various locations.

## NEW QUESTION # 51

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