HPE7-A03 Valid Exam Questions & HPE7-A03 Study Pdf Vce & HPE7-A03 Latest Study Guide

This is a desktop-based exam simulator software. The user can easily get used to its format and it is compatible with Windows. It has a bank of the actual Aruba Certified Campus Access Architect Exam (HPE7-A03) exam questions, going through them will prove to be vital for your HP HPE7-A03 exam preparation since a candidate must know his lacking points. The HPE7-A03 Practice Exam simulator is reliable because its HP HPE7-A03 exam questions have been compiled by experts and you can be sure of their validity and accuracy. All features of the web-based practice exam are present in this software.

HP HPE7-A03 Exam Syllabus Topics:

Topic	Details
Topic 1	• 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.
Topic 2	• Discover Requirements: This topic defines the goals and identifies the current environment and the objectives. Lastly, it also focuses on collecting information.
Topic 3	• 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.

Topic 4	• 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.

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HP Aruba Certified Campus Access Architect Exam Sample Questions (Q40-Q45):

NEW QUESTION # 40
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.
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 st) m) and the Canadian warehouse Is 130K sq ft (12100 sq ml. The forkllfts on the loading docks are equipped with a wireless tablet on board. A typical store Is reportedly about 60.000 sq ft (5575 sqm) and smaller stores are planned at 25.000 sq ft '2320 sq mi. 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 CatS. 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 like 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 halt.
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.
What are two primary concerns of the Stakeholder' (Select two.)

- A. cost of solution
- B. expansion
- C. ease of access
- D. future proof

Answer: A,D

Explanation:
For the stakeholders at ACME Retail, the primary concerns include the cost of the solution and ensuring that the solution is future-proof. Given the company's budget concerns, it is crucial that the chosen network infrastructure offers a good return on investment and aligns with their financial constraints. At the same time, considering the company's growth plans and the rapid evolution of technology, the solution must be scalable and adaptable to future needs. This involves selecting networking equipment and technologies that can support emerging trends, such as increased wireless device usage, cloud computing, and advanced security requirements, without necessitating frequent, costly upgrades. Balancing these concerns will help ACME Retail achieve its operational goals while positioning itself for sustainable growth and innovation.

NEW QUESTION # 41

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.

Based on the best practices and customer requirements, what is the correct WLAN approach?

- A. Aruba OS10 AP only deployment
- B. Aruba OS8 campus deployment
- C. Aruba OS10 AP and gateway deployment
- D. Instant OS 8 deployment

Answer: D

Explanation:

For ACME Retail, which has multiple locations and a mix of environments including high-ceiling warehouses and retail spaces, an Aruba Instant OS 8 deployment is a suitable WLAN approach. Aruba Instant OS provides a controller-less architecture, which simplifies the deployment and management of the wireless network, especially across multiple sites. This approach enables ACME Retail to manage their entire wireless network from a single interface without the need for dedicated hardware controllers, reducing costs and complexity.

Instant OS also supports advanced features like Adaptive Radio Management and ClientMatch to ensure optimal performance in diverse environments, making it an effective solution for ACME's varied locations and requirements.

NEW QUESTION # 42

A global cruise line company needs to refresh its current fleet. They win refresh the insides' of the ship to be cost-effective and increase their sustain ability. They Mill replace the complete WLAN/LAN hardware of the ship. In this refresh, the company will not refresh Us 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 0S1. Each cabin is connected by a single

0M2 pair to the IDF. the maximum length is 60 meters (200 ft). Each technical room is connected by a single

0M2 pail 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 10GbEto 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 the best practices, what should you recommend as the correct optic type for the connection between the IDF and the cabins?

- A. Aruba 10G LC BiDi 40 km-D 1330/1270 XCVR
- B. Aruba 106 SFP- LC SR 300 m MMF Transceiver
- C. Aruba 106 SFP- LC LRM 220 m MMF Transceiver
- D. Aruba 10GBASE-T SFP- RJ--35 30 m Cat6A Transceiver

Answer: B

Explanation:
For the connection between the IDF and the cabins, which requires supporting distances up to 60 meters on OM2 fiber, the most appropriate optic type is the Aruba 10G SFP+ LC SR 300 m MMF Transceiver. This transceiver is compatible with multi-mode fiber (MMF) and is capable of supporting the required distance for connections to the cabins, making it a suitable choice based on the company's existing cabling structure and the need for 10GbE uplink capabilities to manage increased network traffic. The SR (Short Range) designation indicates that this transceiver is optimized for short to medium distances, which aligns with the maximum 60-meter distance from IDF to cabins, ensuring reliable and high-speed connectivity for the ship's LAN infrastructure within the given physical constraints.

NEW QUESTION # 43
The clients existing network is experiencing trouble with voice occasionally dropping out on phone calls between office locations, it Is determined that no packet loss is occurring and QOS is likely the cause. With what phenomenon Is the client currently experiencing issues?

- A.
- B.
- C.

Answer: C

Explanation:
The client is experiencing issues with Jitter, as depicted in Option B. Jitter refers to the variation in time between packets arriving, caused by network congestion, timing drift, or route changes. In voice communications, jitter can manifest as the occasional dropping out of voice on phone calls because the variable delay can affect the steady stream of voice packets needed for a clear conversation. Even when there is no packet loss, high levels of jitter can significantly impact the quality of Voice over IP (VoIP) calls.
Quality of Service (QoS) settings are essential in managing jitter, as they can prioritize voice traffic over other types of data, ensuring that voice packets are delivered consistently and in the correct order to minimize delays and prevent call quality degradation. Aruba Campus Access solutions would typically include QoS features to manage and mitigate jitter on the network.

NEW QUESTION # 44
A global furniture retail company called 'No-Stair Inc.' requests you design their new WLAN infrastructure for a global footprint. Each location of No-Stair Inc.' has a similar layout: three small manager offices, a warehouse, and a 'retail' area. The 'retail' area and the warehouse together amount to 95% of the location. The IT department of the company Is minimally engaged In their LAN refresh so the CTO of the company has shared the information below Current WLAN Infrastructure Is based on the 802.1 In

"WIF14Less" access-points series (both model 2013- INT (2.4 only Internal antenna) and model 2019-EXT (dual-band external antenna only)). These AP models are standalone without any centralized management. Last year 'No-Stair InC ran a project called secure. It' ensuring that all needed network security was Implemented to be fully compliant with their security standards.

During this project, they also upgraded the AAA infrastructure to handle the Increased AAA requests. No additional Wi-Fi or security requirements are listed for this WLAN refresh, which means that 'No-Stair Inc.' will continue to use bridged SSIDs. with local breakout into different VLANs.

The CTO of No-Stair Inc.' understands the need for you to ask additional questions to deliver the design The questions may be sent in written form and will be answered within two weeks.

Which additional question is correct in order to collect needed information for the WLAN design?

- A. What type of fiber connection Is used between the core and access layer switches?
- B. Who is the campus switch vendor?
- C. Is there a current RF survey report that you can share?
- D. IS there enough cooling In the MDF?

Answer: C

Explanation:

An RF (Radio Frequency) survey report is crucial for WLAN design as it provides detailed information about the current wireless environment, including signal strengths, interference sources, coverage gaps, and the effectiveness of the existing WLAN infrastructure. For a company like 'No-Stair Inc.' that is planning to refresh its WLAN across a global footprint, understanding the current RF conditions in each location is essential. This information helps in designing a WLAN infrastructure that can meet the specific needs of different areas within the locations, such as the retail area and warehouse, ensuring optimal coverage, performance, and user experience. An RF survey report would allow the designer to make informed decisions regarding the placement of new access points, the selection of appropriate antennas, and the configuration of WLAN parameters to improve coverage and capacity while minimizing interference.

NEW QUESTION # 45

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