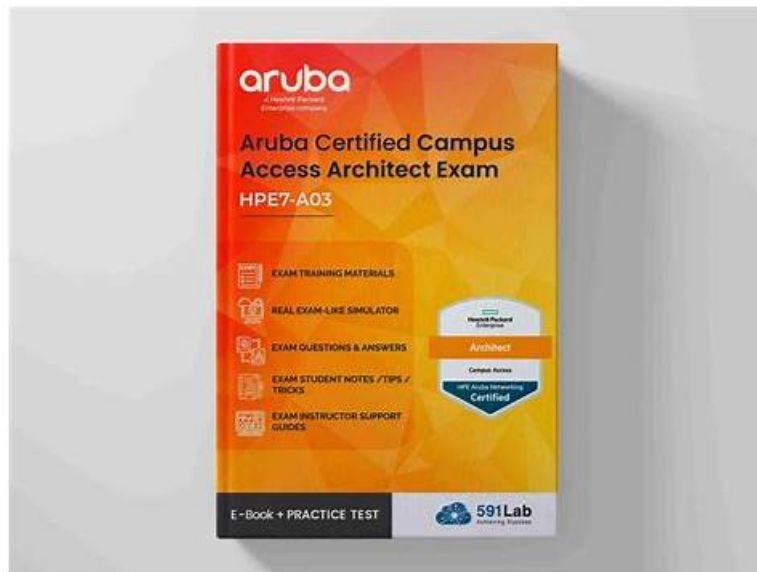


HPE7-A03 Unterlage - HPE7-A03 Testantworten



Übrigens, Sie können die vollständige Version der DeutschPrüfung HPE7-A03 Prüfungsfragen aus dem Cloud-Speicher herunterladen: <https://drive.google.com/open?id=1vOqC78Kb5m9cEoKmMHnhQKIWqAtlz0z>

Unser DeutschPrüfung bietet den Kandidaten nicht nur gute Produkte sondern auch vollständigen Service. Wenn Sie unsere Produkte benutzen, können Sie einen einjährigen kostenlosen Update-Service genießen. Wir benachrichtigen den Kandidaten in erster Zeit die neuen Prüfungsmaterialien zur HP HPE7-A03 Zertifizierung mit dem besten Service.

HP HPE7-A03 Prüfungsplan:

Thema	Einzelheiten
Thema 1	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.
Thema 2	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.
Thema 3	Discover Requirements: This topic defines the goals and identifies the current environment and the objectives. Lastly, it also focuses on collecting information.
Thema 4	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.

>> HPE7-A03 Unterlage <<

HP HPE7-A03 Testantworten - HPE7-A03 Originale Fragen

Die Schulungen für die Vorbereitung der HP HPE7-A03 (Aruba Certified Campus Access Architect Exam) Zertifizierungsprüfung beinhalten die Simulationsprüfungen sowie die Prüfungsfragen und Antworten zur HP HPE7-A03 Zertifizierungsprüfung. Im Internet haben Sie vielleicht auch einige ähnliche Ausbildungswebsites gesehen. Nach dem Vergleich würden Sie aber finden, dass die Schulungen zur HP HPE7-A03 Zertifizierungsprüfung von DeutschPrüfung eher zielgerichtet sind. Sie sind nicht nur von guter Qualität, sondern sind auch die umfassendeste.

HP Aruba Certified Campus Access Architect Exam HPE7-A03

Prüfungsfragen mit Lösungen (Q67-Q72):

67. Frage

Which alternative source is best suited for site surveys or simulations if no floor plans are available?

- A. fire escape plan
- B. Google Maps
- C. blank sheet of paper
- D. simple wall drawings

Antwort: A

Begründung:

When floor plans are not available for site surveys or simulations, the best alternative source to use is the fire escape plan (Option D). Fire escape plans are typically available in most buildings and provide a simplified layout of the premises, including walls, doors, and sometimes the location of permanent fixtures. While not as detailed as architectural floor plans, fire escape plans can offer enough information for initial site survey estimations and RF planning. They allow network designers to understand the basic layout and potential RF obstacles or coverage areas, making them a practical tool for preliminary wireless network planning and simulations in the absence of more detailed floor plans.

68. Frage

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 IDF 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 10GbE 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 correct optic type for the connection between the IDF and the technical rooms?

- A. Aruba 10G SFP- LC LRM 220 m MMF Transceiver
- B. Aruba 10GBASE-T SFP- RJ-45 30 m Cat6A Transceiver
- C. Aruba 10G SFP+ LC SR 300 m MMF Transceiver
- D. Aruba 100 LC BID! 40 km OM3 1310/1270 XCVR

Antwort: C

Begründung:

For the connection between the IDF and the technical rooms, which requires support for lengths between 100 and 150 meters (320 and 500 ft), the Aruba 10G SFP+ LC SR 300 m MMF Transceiver is the recommended optic type. This transceiver is designed for short-range multimode fiber connections and can support distances up to 300 meters, making it suitable for the specified lengths within the technical rooms on the cruise ship. The SR (Short Range) designation ensures that this transceiver is optimized for the

distances involved in connecting the IDF's to the technical rooms, providing high-speed 10GbE connectivity to meet the increased network traffic demands. This choice aligns with the cruise line company's requirements for a sustainable and cost-effective network refresh that accommodates future expansion without extensive unused capacities.

69. Frage

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.

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The week after the presentation of your design to the CIO of the cruise line company, the CIO calls you to discuss increasing the security of the wired network infrastructure. Since one of their competitors had one of their cruise ships cyber hacked, the CSO of the cruise line has mandated increased security on the wired network. They have heard about dynamic segmentation and central and decentral overlay networks.

What would you advise as the most cost-efficient solution?

- A. Standardize on Aruba 6100 switches for the access layer, add a cluster of 9240 GWs, and implement central overlay networks on UBT basis.
- **B. Standardize on Aruba 6300 switches for the access layer, add a cluster of 9240 GWs, and implement central overlay networks on UBT basis.**
- C. Standardize on Aruba 6000 switches for the access layer, add a cluster of 9240 GWs, and implement central overlay networks on UBT basis.
- D. Standardize on Aruba 6200 switches for the access layer, add a cluster of 9240 GWs, and implement central overlay networks on UBT basis.

Antwort: B

Begründung:

For a global cruise line company looking to refresh its fleet with a focus on sustainability and cost-effectiveness, while not changing its current security requirements, the most suitable option would be to standardize on Aruba 6300 switches for the access layer. The Aruba 6300 switches offer advanced security features and scalability, which is crucial for the dynamic and demanding environment of a cruise ship.

Additionally, implementing a cluster of 9240 Gateways and central overlay networks based on User-Based Tunneling (UBT) will enhance the security of the wired network infrastructure. This approach aligns with the Aruba ESP (Edge Services Platform) architecture, providing a unified infrastructure that integrates security, AI-powered operations, and cloud-native agility. The central overlay networks will enable the cruise line to segment network traffic, apply consistent policies, and provide secure access across the fleet, meeting the increased security demands without compromising on performance or sustainability.

70. Frage

You are going with a 3-tier design and need to calculate the oversubscription ratio on the Access.

Distribution, Core, and ToR Layer. What is a suitable oversubscription ratio for each layer?

2:1 4:1 24:1

Answer Area

Access

Aggregation

Core

ToR

Antwort:

Begründung:

2:1 4:1 24:1



Answer Area

2:1 Access

4:1 Aggregation

2:1 Core

24:1 ToR

Explanation:

Access - 20:1

Aggregation - 4:1

Core - 2:1

ToR - Not typically applicable in a 3-tier design; however, if ToR were used, it could be 24:1 or better depending on the specific design and requirements.

71. Frage

A large multinational financial institution has contracted you to design a new full-stack wired and wireless network for their new 6-story regional office building. The bottom two floors of this facility will be retail space for a large banking branch. The upper floors will be carpeted office space for corporate users, each floor being approximately 100,000 sq ft (9290 sqm). Data centers are all off site and will be out of scope for this project. The customer is underserved by its existing L2-based network infrastructure and would like to take advantage of modern best practices in the new design. The network should be fully resilient and fault-tolerant, with dynamic segmentation at the edge.

The retail space will include public guest Wi-Fi access. Retail associates will have corporate tablets for customer service, and there will be a mix of wired and wireless devices throughout the retail floors. The corporate users will primarily use wireless for connectivity, but several wired clients, printers, and hard VoIP phones will be in use.

The customer is also planning on renovating the corporate office space in order to take advantage of 'smart office' technology. These improvements will drive blue-dot wayfinding, presence analytics, and other location-based services. The client would take to ensure redundant RADIUS resources in each of their three geographical regions (AMER, EMEA, and APAC). A large office location is available in each region with sufficient VMware resources available.

- Each region has 5,000 clients, all of which will need to do either 802.1x wired or wireless authentications as well as 802.1x authentication for a single personal device on Wi-Fi.

* All of the non-personal devices will also need to validate health with a local agent.

* A total of 500 guests are expected to be connected on average with a maximum of 700 simultaneous connections making use of Guest Portal for access to the Internet.

* TACACS authentication will also be configured for a total of 1,200 evenly dispersed NADs.

In order to support virtual IPs and server redundancy in each region how many Virtual Policy Manager Licenses will be needed?

- A. six licenses. C3000V
- B. three licenses. C3000V
- C. six licenses. C2000V
- D. three licenses. C2000V

Antwort: A

Begründung:

In a scenario requiring redundant RADIUS resources across three geographical regions, with the scale of operations as described, opting for six C3000V Virtual Policy Manager licenses would ensure adequate capacity and redundancy. The C3000V model is designed to cater to larger deployments, offering high-capacity RADIUS services suitable for environments with thousands of clients and devices requiring authentication and health validation. By deploying two C3000V instances in each region (AMER, EMEA, and APAC), the financial institution can achieve both high availability and load balancing, ensuring that authentication services remain uninterrupted and efficient, even in the event of a server failure or during maintenance periods. This approach aligns with best practices for enterprise network design, emphasizing resilience and reliability in critical infrastructure components like authentication services.

72. Frage

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