HPE6-A47^{Q&As}

Designing Aruba Solutions

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QUESTION 1

Read this scenario thoroughly, and then answer each question that displays on the right side of the screen.

An architect proposes these products for a customer who wants a wireless and wired upgrade:

1.

Aruba 2930M switches at the access layer

2.

Aruba 5406R switches at the core

3.

Aruba AP-325s

4.

Aruba 7205 Mobility Controllers (MCs), deployed in a cluster

5.

Aruba Mobility Master (MM)

6.

Aruba ClearPass Cx000V

7.

Aruba AirWare

The architect also needs to propose a security plan for the solution. The customer has 900 employees and up to 30 guests a day. The customer wants to protect the internal perimeter of the network with authentication and simple access controls. The customer is most concerned about wireless security, but also wants to ensure that only trusted users connect on the wire. However, the customer also wants all wired traffic to be forwarded locally on access layer switches. The customer already has a third-party firewall that protects the data center.

The customer wants to use certificates to authenticate user devices, but is concerned about the complexity of deploying the solution. The architect should recommend a way to simplify. For the most part users connect company-issued laptops to the network. However, users can bring their own devices and connect them to the network. The customer does not know how many devices each user will connect, but expects about two or three per-user. DHCP logs indicate that the network supports a maximum of 2800 devices.

Refer to the provided scenario. Based on the plan for wired authentication, what is a correct plan for wired user VLANs?

A. use the MCs to assign wired users to their VLANs, and extend the VLANs to a Layer 3 switch connected to the MC

B. specify the VLANs in network policies on AirWare, and ensure that both the switches and MCs are managed by AirWare

C. assign wired users to different VLANs from wireless users, based on port or role assignments on access layer

switches. Extend the VLANs to the core.

D. configure the same roles on switches and MCs to place wired and wireless users in the same VLANs. Extend VLANs from access layer switches to the core.

Correct Answer: C

QUESTION 2

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Refer to the provided scenario.

Which solution should the architect recommend on the 2930M switches to authenticate and control wired employee devices?

A. MAC-Auth on edge ports and no tunneled node

B. 802.1X on edge ports and per-user tunneled node

C. 802.1X on edge ports and no tunneled node

D. Mac-Auth on edge ports and per-user tunneled node

Correct Answer: A

QUESTION 3

What is one important guideline for antenna selection?

A. Ensure that the beam-width exceeds 100 degrees.

B. Ensure that the H-plane and E-plane values are within 45 degrees of each other.

C. Ensure that the antenna is rated for 802.11ac usage.

D. Ensure that the antenna is designed for the frequency used by the radio.

Correct Answer: D

QUESTION 4

An architect proposes an Aruba wireless solution for a customer that uses Microsoft Skype for Business. What should be set up on the MCs, or MM, to ensure that wireless voice traffic is properly prioritized?

A. Firewall policies and SDN to mark voice

B. Broadcast suppression combined with AirGroup

C. Airtime Fairness set to fair-access

D. Voice-aware Layer 3 roaming

Correct Answer: D

QUESTION 5

A customer currently has an Instant AP deployment.

Which customer requirement would indicate that the customer needs to add a controller to the deployment?

A. the requirement to apply role-based firewall policies

B. the requirement for a captive portal for guests

C. the requirement to provide client-to-site VPN acces for remote users

D. the requirement for a cloud-based management solution

Correct Answer: D