

HPE6-A47<sup>Q&As</sup>

**Designing Aruba Solutions** 

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### **QUESTION 1**

An architect plans to deploy a Mobility Controller (MC) at one building in subnet 10.23.01.0/24 and another MC in another building in subnet 10.44.12.0/24. The MCs need to provide redundancy for each other.

What must the architect take into account in the redundancy plan?

A. The MCs cannot provide any level of redundancy for each other unless one is moved into the other\\'s subnet.

B. The MCs cannot be in a cluster, and they must use Virtual Router Redundancy Protocol (VRRP) to provide redundancy for each other.

C. The MCs can be in a cluster, but the cluster will not support features such as stateful failover.

D. Each MC can be the backup LMS for the other MCs\\' APs, but it cannot be in a cluster with the other MC.

Correct Answer: B

#### **QUESTION 2**

An architect learns that a customer site is 14,307 square meters (154,000 square feet) and supports 900 employees using WiFi 5 Ghz radio. What additional information should the architect collect to create the RF plan?

- A. number of devices used by each user
- B. the OS used on wireless devices
- C. whether BLE wayfinding is required
- D. software version on Mobility Controllers (MCs)

Correct Answer: A

#### **QUESTION 3**

What should an architect use as a guideline to determine when to minimize VLANs in a wireless design?

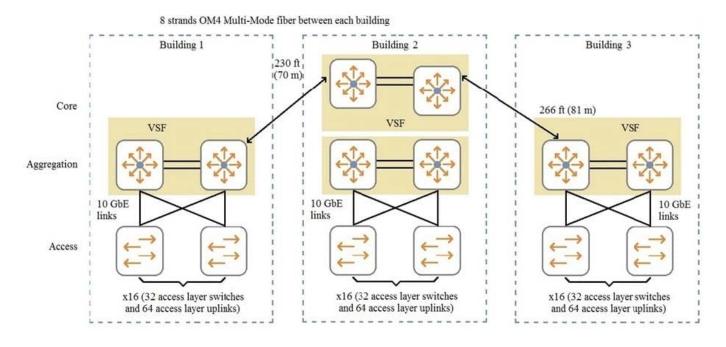
- A. the WLAN or SSID, with a different VLAN for each SSID
- B. the coverage area, with a different VLAN for every 4000 square feet (372 square meters)
- C. the number of devices, with a different VLAN for each 250 devices
- D. the employee roles, with a different VLAN for each role or department

Correct Answer: D

## **QUESTION 4**



Refer to the exhibit.



An architect selects 5406R switches for the aggregation layer.

What is the maximum bandwidth possible between the aggregation and core layers using 8 strands of OM4 MM fiber at the distances indicated in the diagram?

- A. 60 Gbps
- B. 160 Gbps
- C. 200 Gbps
- D. 320 Gbps

Correct Answer: D

#### **QUESTION 5**

What typically drives the need for an aggregation layer in modern networks?

- A. insufficient fiber cabling, especially between buildings
- B. lack of high speed uplink capabilities at the access layer
- C. simplification of spanning tree protocol ad the access layer
- D. need to extend VLANs across wider areas

Correct Answer: C



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