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QUESTION 1

An enterprise needs an upgrade to 802.11ac. Users run applications such as Web, email, voice, and video. The architect needs to conduct an active site survey to plan 802.11ac AP locations. The noise floor is about -90 dBm across the site.

Based on Aruba best practices, what is the minimum acceptable signal that the architect should look for to determine the test AP range?

- A. a signal of -65 dBm in the 2.4 GHz band
- B. a signal of -75 dBm in the 5 GHz band
- C. a signal of -65 dBm in the 5 GHz band
- D. a signal of -75 dBm in the 2.4 GHz band

Correct Answer: C

QUESTION 2

An architect has an Instant AP (IAP) cluster at a mid-sized branch office. The IAP cluster now needs to tunnel corporate traffic to a Mobility Controller (MC) at the main office. However, the branch office should remain functional even if the link to the main office fails. Users at the branch office require access to main office resources, but do not require multicast services.

What is the recommended DHCP mode?

- A. Local
- B. Centralized L2
- C. Distributed L2
- D. Distributed L3

Correct Answer: D

QUESTION 3

A customer requires APs that meet these minimal criteria:

1.

Support for MU-MIMO

2.

Support for up to four spatial streams, both when MU-MIMO is used and when it is not used

3.



Support for transmissions to up to three MU-MIMO clients at the same time

The architect finds these specifications for the two models under consideration: AP-335 = 4x4:4:4:4:3 AP-325 = 4x4:4:4:3:3

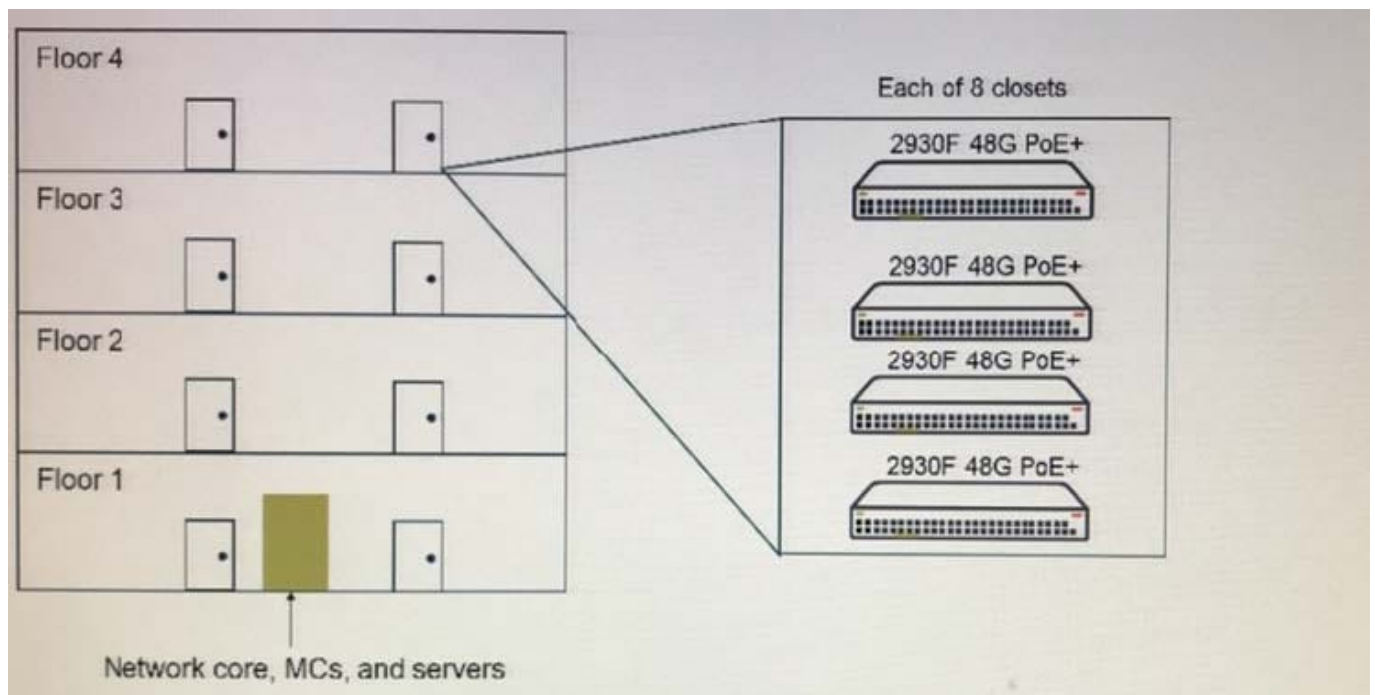
What should the architect determine from these specifications?

- A. The AP 335 and the AP 325 do not meet the customer requirements, so consider a different model.
- B. The AP 325 meets the customer requirements, but the AP 335 does not.
- C. Either the AP 335 or the AP 325 meet the customer requirements.
- D. The AP 335 meets the customer requirements, but the AP 325 does not.

Correct Answer: C

QUESTION 4

Refer to the exhibit.



An architect needs to plan a network solution for a new office building with four floors. Each floor has two wiring closets with the equipment shown in the exhibit. The switches will connect to employee desktops, a few campus APs controlled by MCs, and printers. The switches do not implement tunneled node.

What is a best practice design for the VLANs and subnets for the wired devices?

- A. one VLAN per closet and a /24 subnet for each VLAN
- B. one VLAN per closet and a /25 subnet for each VLAN
- C. one VLAN for the entire building and a /23 subnet



D. one VLAN per floor and a /24 subnet for each VLAN

Correct Answer: B

QUESTION 5

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

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