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QUESTION 1

Refer to the exhibit.

The network architect has created the 60M shown in the exhibit tor a complete new wired ana wireless solution for a customer. This solution the customer wants to discover and manage every component or the network in Airwave, including twins, MCS, APS, and switches.

How many AirWave licenses dees the architect need to add?

A. 30

B. 222

C. 7122

D. 6930

Correct Answer: A

QUESTION 2

Referto the exhibit.

Legend

= -45 dBm

= -55 dBm

= -65 dBm

A hospital needs an upgrade to 802.1tax for its wireless network. The wireless network supports:

*

 wireless medical devices

*

 medical staff voice communicators

*

laptops in nurse stations

*

medical staff tablets

*

visitor and patient personal devices.

All of these devices support both the 2 4GHz and 5GH2 band. Assuming about a max throughput on50 Mbps per AP; the hospital would like. The architect has used VisualRF to plan the AP placement on one of the floors, which the hospital

expects will need to suppod about 800 win

to deploy APS in stairwells between floors.

How well does the plan meet the requirements?

A. The current AP placement meets coverage requirements, but does not meet capacity requirements.

B. The current AP placement meets the customer requirements in terms of coverage and capacity.

C. The current AP placement fails to account for the lead-lined wails that are common in patient and exam rooms.

D. The current AP placement fails to provide adequate signal for the voice communicators in several areas

Correct Answer: C

QUESTION 3

Refer to the exhibit.
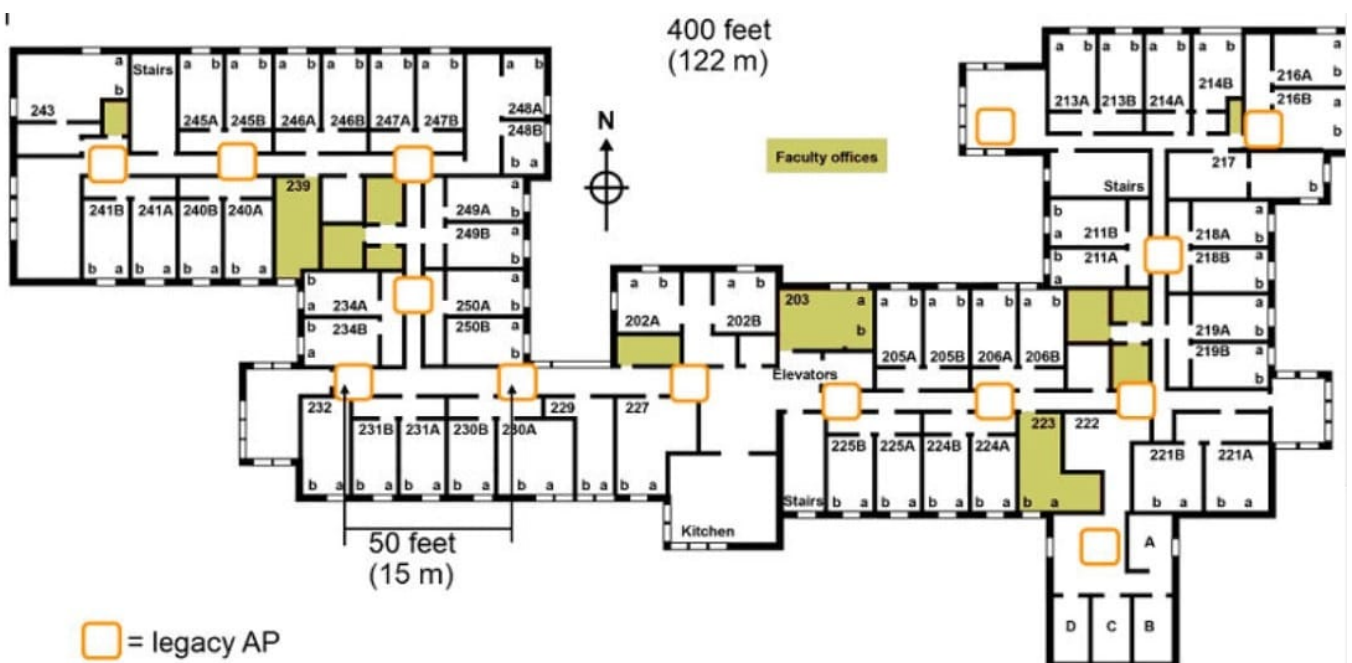
The exhibit shows the current AP deployment in a school. This customer indicates that the current wireless performance is inadequate and w B02.11ax. For the new\\' solution, what should the network architect recommend?

A. APs deployed in rooms with a density-based design

B. APs deployed in similar locations, but with dual 5 GHz radios

C. APS deployed in similar locations, but with higher gain antennas

D. APs deployed in hallways with about twice the density

Correct Answer: D

QUESTION 4

Refer to the exhibit.

Line#	Part Number	Description	Manufacturer
1.00	JY680A	Aruba AP-303H (US) Unified AP	Hewlett Packard Enter...
1.01	H6PQ1E	Aruba 1Y FC NBD Exch AP-303H SVC [for JY680A]	Hewlett Packard Enter...
		Quote Total	

A hotel needs a wireless solution, i he hotel has 802.3af switches.

The architect has selected the 505H Series, controlled by a local MC as the best choice The 5QoH series will need to power a connected phor which have only a single Ethernet port. The architect has created the BOM shown in the exhibit.

(Note that this portion of the BOM does not inc.

Which correction should the architect make?

A. Change the 5Q5H to the 3Q3HR model.

B. Remove the mounting adapters.

C. Propose new direct power source for phone.

D. Upgrade to PoE+ switches.

Correct Answer: C

QUESTION 5

An indoor sports stadium has 5.000 seats in two rings:

The stadium has a ceiling height of 72 feet (22 m).

There is a catwalk around the perimeter of me stadium that is 54 feet (13 m) from me floor.

There are two scoreboards at either end of the stadium

The construction of the stadium is concrete and steel.

The customer has indicated a preference for overhead coverage, and the wireless network should support 3500 concurrent clients. The architect plans to install the APs on the catwalk to service sections of the floor below
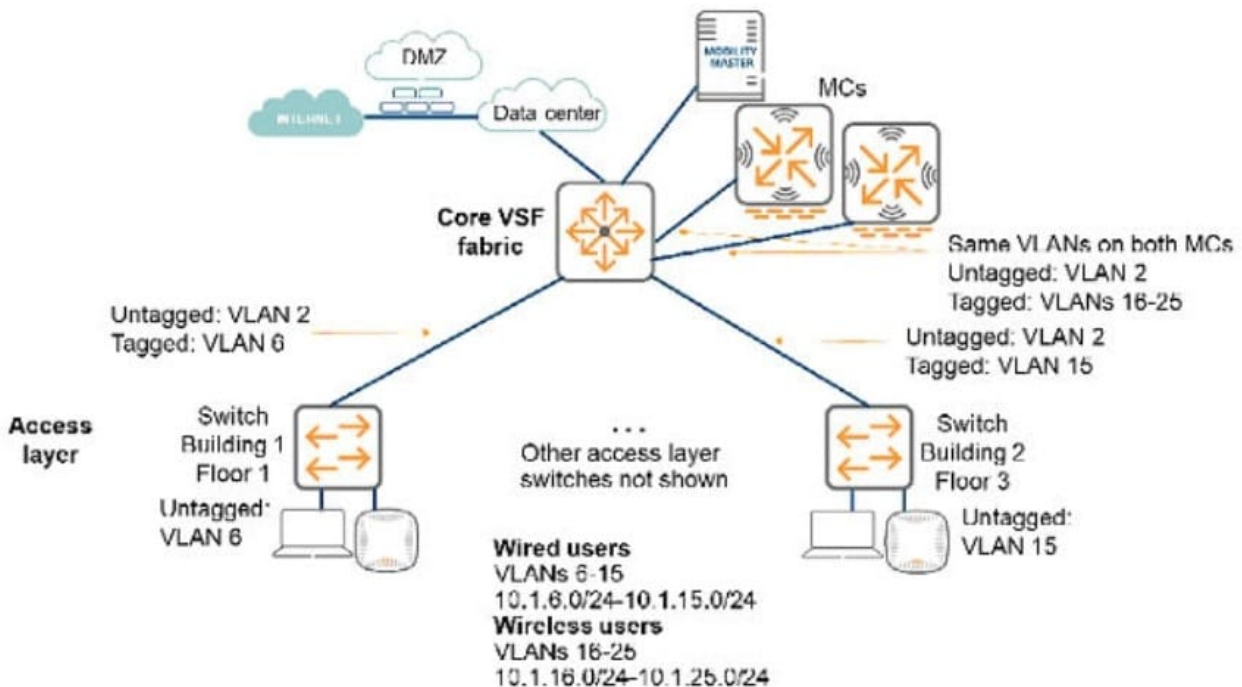
Which type or antennas are recommended for the APS that provide the overhead coverage?

A. downtilt

B. high gain directional

C. high gain omnidirectional

D. vagi

Correct Answer: B

QUESTION 6

Refer to the exhibit.

A customer needs a wireless network upgrade and has these requirements.

-

Support any applications used on a wired connection

-

Support up to 2500 wireless clients

- Support seamless roaming from floor to floor and building to building

-

Continue to function seamlessly if one controller fails The architect has designed the logical infrastructure for the network as shown in the exhibit Which change should the architect make to belter meet customer requirements and besl practices?

A.

Combine me /25 subnets for wireless and wired users into a /16 subnet.

B.

Install additional Mobility Controller.

C.

Combine the /25 subnets for wireless users into a /20 subnet

D.

Place each controller in a different VLAN and subnet.

Correct Answer: B

QUESTION 7

What is one benefit that Airwave provides to customers in the 8.x OS network?

A. profiling of wired and wireless client behavior and detection when the behavior varies from the baseline

B. in-depth analytics oT mobile device presence and APIs to make this data available to other applications
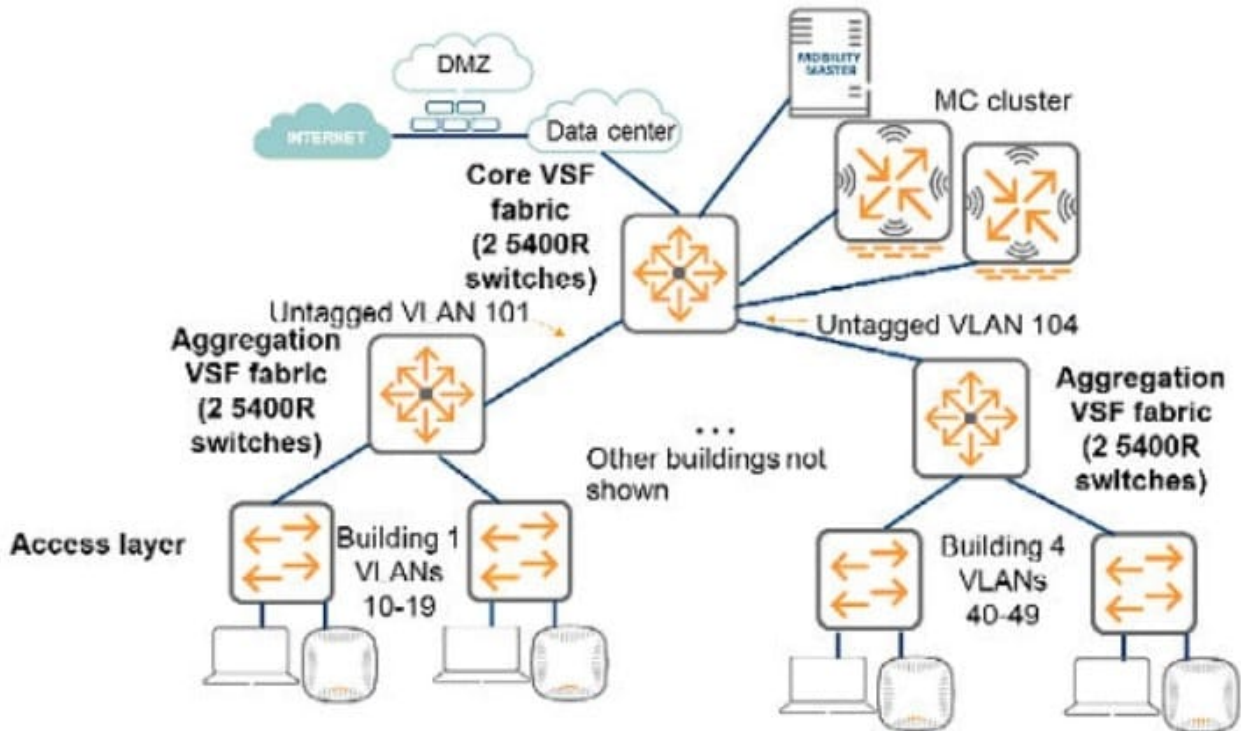
C. a central UI from which to manage all of the Mobility Controllers (MCs)

D. ability to monitor the status and operation of the complete network over time

Correct Answer: A

QUESTION 8

Refer to the exhibit.

A customer has the wined infrastructure shown in the exhibit. The customer is in the process of expanding their wireless services They will now add a new wireless solution, with mobility controllers (MCs) connected as shown. The new

wireless solution will support a total of 450 APs and about 26,000 wireless devices. It must provide seamless roaming across the entire campus.

After the new deployment, both wired and wireless devices experience IP connectivity issues.

Which change to the existinginfrastructureshould the architect recommend to support all of the customer requirements?

A. The wired VLANS should be combined into a single VLAN and n6 subnet

B. The core switches should be replaced with switches that have larger ARP tables.

C. The MCs should be moved to the aggregation layer, and more MCs added

D. The core and aggregation switches should disable Virtual Switching Framework (VSF).

Correct Answer: D

QUESTION 9

A company already has an Aruba wireless network The network currently consists of: * oneMM-HW-1k

*

 two 7210 MCs in the network core

*

 two 721GMCsintheDMZ

*

200 AP-515S in Building 1 and Building 5

100 AP-515S each In Building 2r Building 3, and Building 4

The customer now wants to assess if it needs local Mobility controllers (MC) for any buildings:

- Building 1 is the main office building for the campus. It supports the highest number of APs. It connects to the network core without an aggregation layer.

*

Building 2 is further away from the Building i. and no roaming is provided between it and the other buildings its access layer connects to the network cone with a pair of Aruba CX 6300M aggregation switches.

*

Building 3 is further away from the other buildings, it connects to the network core without an aggregation layer.

The Guest SSID traffic should be tunnelled to the DMZ controllers

\\' Building 4 has its own local datacenter and Internet connection. The company would like it to be able to operate completely autonomously if its aggregation layer loses connectivity with the core.

*

Building 5 is further away from the other buildings, it connects to the network core without an aggregation layer.

This building has been assigned to a partner that would like to manage a dedicated SS1D using the shared AP infrastructure.

In which two buildings should the network architect plan local mobility controllers (MCs)? (Select two)

A.

Building 1

B.

Building 4

C.

Building 5

D.

Building 3

E.

Building 2

Correct Answer: AD

QUESTION 10

A mall requires a wireless network upgrade to 802 -Max The company that owns the mall wants to provide the APs for the entire mall. However, several of the larger national chain retailers with spaces in the mall want to offer wireless services with their own SSIDs. These individual retailers also have their own wireless guest services and wireless client devices They have their own corporate infrastructure and want to handle all of this wireless traffic on their own, including terminating the traffic on their own controllers. The mall requires redundancy for its services, out the retailers do not.

Which plan for mobility controllers (MCs) and mobility master (MW) meets the needs of this scenario?

A. a pair of MMs for the mall company, but not MCs: MMs control one MC for each retailer with its own SSIDs

B. two MCs for the mall company and for all of the retailers, both controlled by the same pair of MMs

C. two MCs for the mail company controlled by a pair of MMS; one standalone MC for each retailer with its own SSIDS

D. two MCs for the mall company and one MC for each retailer with its own SSIDs, all controlled by the same pair of MMs

Correct Answer: A

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