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QUESTION 1

A network architect plans to propose a virtual Mobility Master (VMM) for a new solution.

The solution will support up to 4,800

wireless client devices and include:

*

two Virtual Mobility controllers (VMCs) in a cluster

*

180 APs

Which licenses should the architect propose?

A.

1 MM-VA-500; 2 MC-VA-250; 540 Enterprise licenses

B.

1 MM-VA-1K; 2 MC-VA-25Q; one Enterprise license

C.

1 MM-VA-1K; 1 MC-VA-250; 180 Enterprise licenses

D.

1 MM-VA-500; 1 MC-VA-250; 180 Enterprise licenses

Correct Answer: C

QUESTION 2

A hospital needs a better way to track its inventory including wireless medical devices that are moved around the site a lot. Which solution meets these needs?

A. Aruba asset tags and beacons

B. Aruba beacons, APs, and AirWave

C. Aruba beacons and Meridian

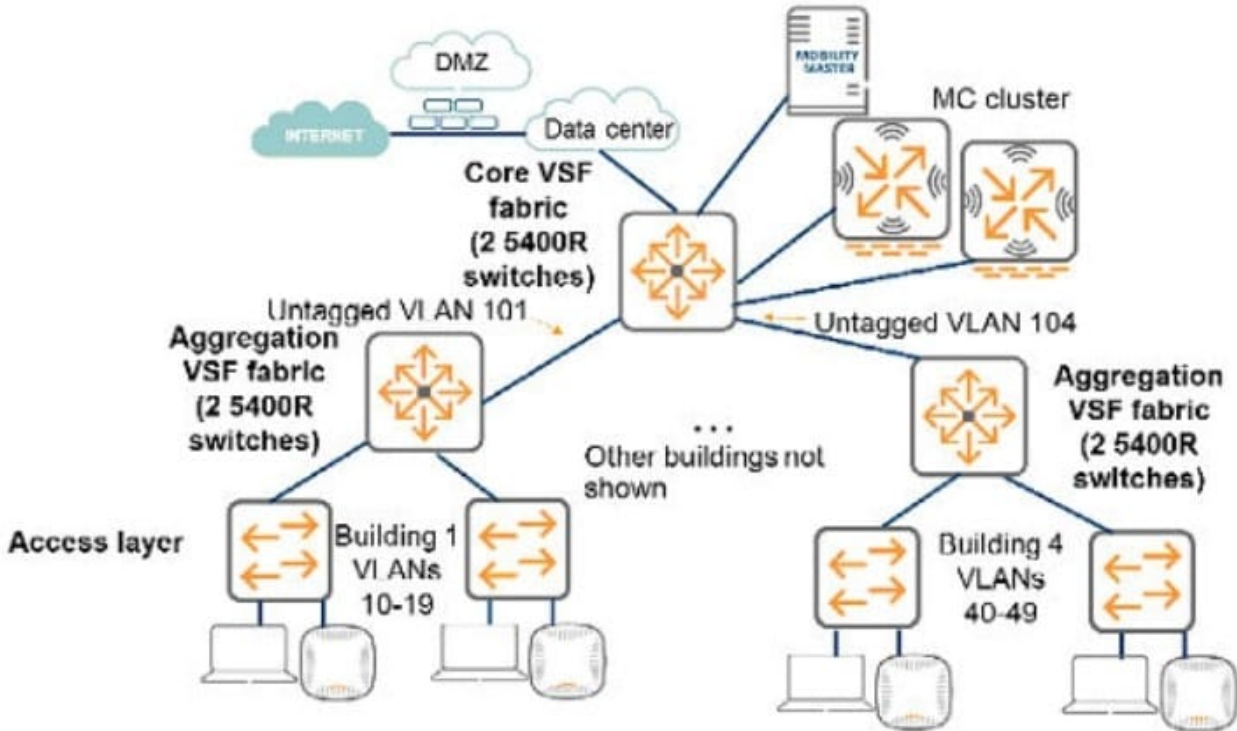
D. Aruba asset tags, APs; and Meridian

Correct Answer: C



QUESTION 3

Refer to the exhibit.



A customer has the wired 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 existing infrastructure should the architect recommend to support all of the customer requirements?

- A. The wired VLANs should be combined into a single VLAN and a /6 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 4

Which scenario indicates the need for a wireless mesh?

- A. A historical building has some wired areas and a few areas with no wired or wireless connectivity, walls and ceilings have asbestos. The company needs wireless access across the site.



B. A hospital needs to provide high availability for wireless services in certain areas which support very critical wireless medical devices. Devices must always be in range of at least two APs.

C. A company has a small branch office with just one RAP. The company has noticed that performance is poor in some areas of the network and wants to add another AP.

D. A company needs to provide seamless roaming and wireless access between two buildings. The buildings are about 60 feet (18 m) apart.

Correct Answer: D

QUESTION 5

Refer to the exhibit.



Floor 1

Properties View Edit

Devices

- APs

Overlays

- Heatmap
 - Speed
 - Voice

Floorplan Features

Labels

- Origin
- Regions
- Walls

Signal Cutoff: -65 dBm

Frequencies: 5 GHz 2.4 GHz

Floors: Current Above Below

Show Overlay as Grid?

Legend

- = -45 dBm
- = -55 dBm
- = -65 dBm



A hospital needs an upgrade to 802.11ax 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 5GHz band. Assuming about a max throughput of 50 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 support about 800 users

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 walls 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

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