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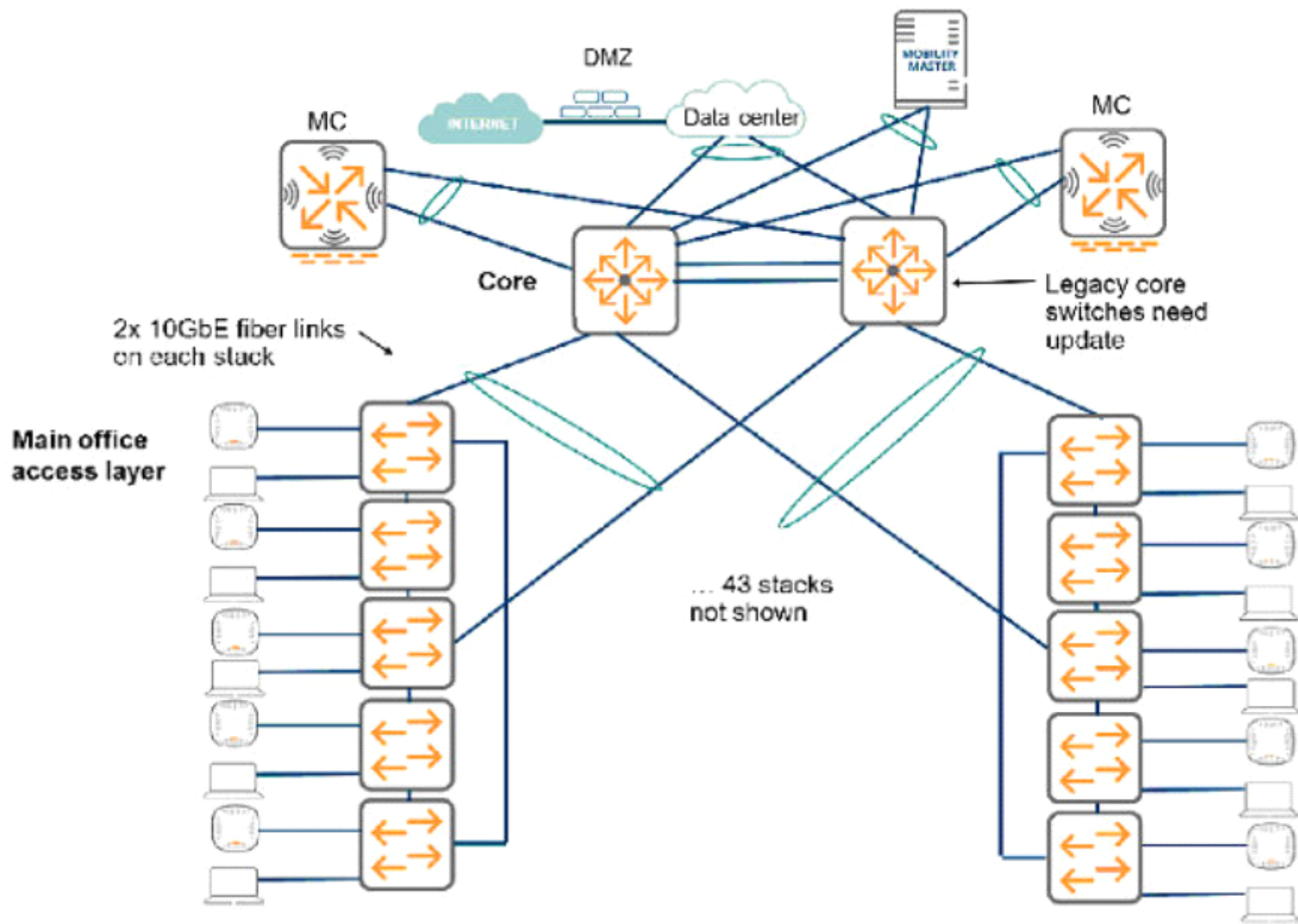
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Question 1

Question Type: MultipleChoice

Refer to the exhibit.



A customer requires a core switching solution for a very large multi-building campus with about 30,000 wireless clients and devices. The network will have a flat topology as shown in the exhibit, and MCs will forward all wireless traffic to the core for routing.

The customer had considered Aruba 5400R Series switches, but the architect recommends Aruba S320 switches Instead.

How should the architect justify this recommendation?

Options:

- A-** The 8320 switches are required to eliminate the aggregation layer as the customer desires.
- B-** The 3320 switches offer more extensive mobility integration features with Aruba MCs and APs than the 54C0R Series switches do.
- C-** The 3320 switches support a higher density of 10GbE fiber ports than the 5400R Series.
- D-** The 8320 switches have greater performance and larger ARP tables than the 54Q0R Series, as is necessary for a network this size.

Answer:

B

Question 2

Question Type: MultipleChoice

A customer has an Aruba wireless network. which includes two MC 7205s and an MM at the network core. The company now wants to accommodate 50 mobile trainers These trainers travel around the world and run training events. The trainers often need to access materials in the company data center, but cannot reach materials when they are on the road.

The company wants to give the mobile workforce a secure way to reach the materials they need no matter where they are.

including in public spaces like the hotels where they often leach. The customer also requires that the solution be as cost

effective as possible while meeting the requirements.

Which plan meets the needs of the mobile Trainers?

Options:

- A-** Add 50 RAPs: add 50 Enterprise licenses to the MM, and add two 7005 MCs in the DMZ.
- B-** Add 50 RAPs; add 50 Enterprise licenses and 50 VIA licenses to the MM
- C-** Add so PEFV licenses to the MM. and add an additional 7205 MC to the core.
- D-** Add 50 VIA licenses to the MM, and deploy two 7005 MCs in the DMZ.

Answer:

B

Question 3

Question Type: MultipleChoice

A customer has multiple medium and large branch sites, each of which requires between 8 and 16 APs and supports between 200 and 600 wireless clients. Every branch site has an Internet connection, which it uses to reach the central data center. The customer would prefer the WAN links to be optimized in the solution.

Different use cases require SSID's for tunneled traffic from remote sites to central location, traffic that must remain local on the remote site, and traffic which would need to egress out from remote site Internet connection.

Which branch office solution best meets the customer needs?

Options:

- A- IAPs with Aruba central
- B- RAPs and branch office controllers
- C- IAPs with branch office controllers
- D- CAPS and branch office controllers

Answer:

A

Question 4

Question Type: MultipleChoice

Refer to the exhibit.

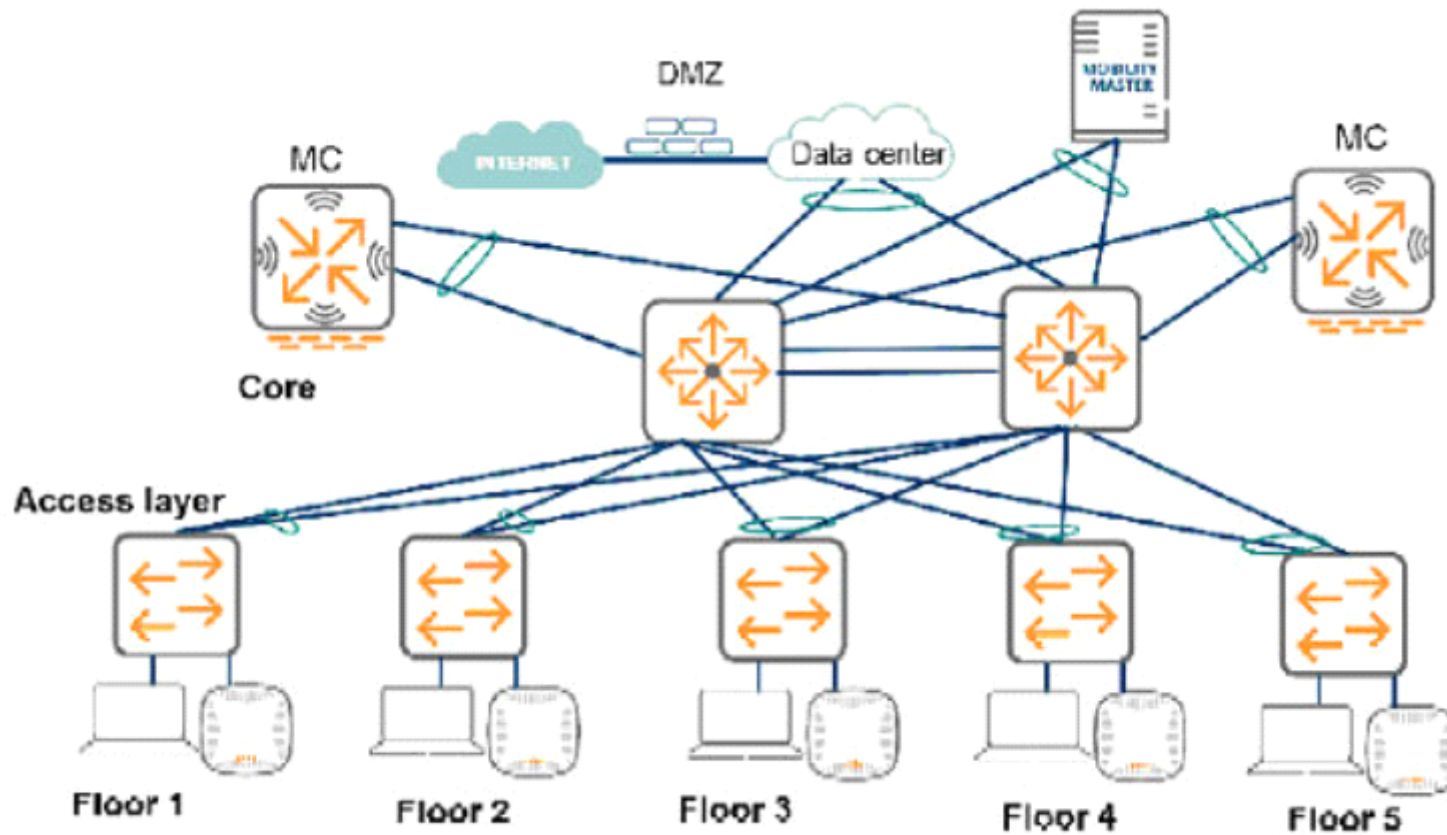


Exhibit: A49.01114316-134

The exhibit shows the topology for a new Aruba solution. The MCs are in a cluster and support all of the wireless traffic in the network. The core switches route all traffic and support all VLANs. The access layer switches do NOT use tunnelednode, or dynamic segmentation.

The customer has indicated that it has these VLANs for user devices.

- * VLAN 11 for Floor 1 employee wired devices
- * VLAN 12 for Floor 2 employee wired devices
- * VLAN 13 for Floor 3 employee wired devices
- * VLAN 14 for Floor 4 employee wired devices
- * VLAN 15 for Floor 5 employee wired devices
- * VLAN 101 for all employee wireless devices
- * VLAN 102 for all guest wireless devices

In which locations should the architect plan the VLANs?

Options:

- A-** VLANs 11-15 on one MC. VLANs 101 and 102 on the other MC. (Other VLANs will be used on the access layer switches.)
- B-** VLANs 11-15, 101, and 102 on both MCs. (Other VLANs will be used on the access layer switches.)
- C-** VLANs 11-15 on the access layer switches on the corresponding floor; VLAN 101 on one MC and VLAN 102 on the other MC
- D-** VLANs 11-15 on the access layer switches on the corresponding floor; VLANs 101 and 102 on both MCs.

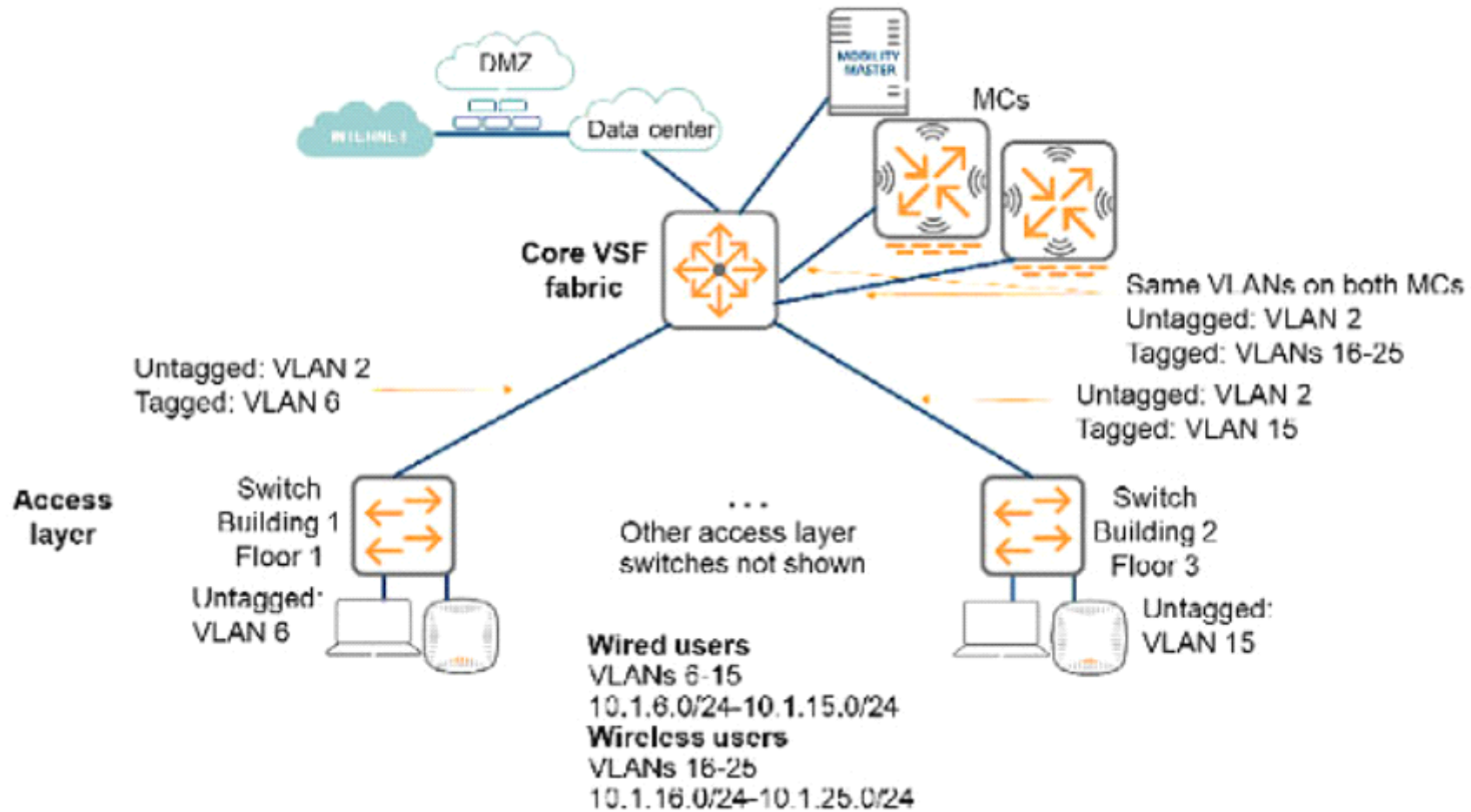
Answer:

C

Question 5

Question Type: MultipleChoice

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 better meet customer requirements and best practices?

Options:

- A-** Combine the /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.

Answer:

B

Question 6

Question Type: MultipleChoice

An indoor basketball stadium has 5,000 seats in two rings:

- * The stadium has a ceiling height of 60 feet (18 m).
- * There is a catwalk around the perimeter of the basketball court, between the court and the seating areas.
- * This catwalk is 40 feet (12 m) from the floor.
- * There are two scoreboards at either end of the stadium.
- * The construction of the stadium is concrete and steel.

The customer does not want an under-seat, picoceli deployment.

Which AP model is appropriate to provide coverage in the main stadium bowl?

Options:

A- AP-577

B- AP-555

C- AP-575

D- AP-505

Answer:

A

Question 7

Question Type: MultipleChoice

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?

Options:

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

Answer:

C

Question 8

Question Type: MultipleChoice

Refer to the exhibit.

Features	7005	7008	7010	7024	7030
Maximum campus AP licenses	16	16	32	32	64
Maximum remote AP licenses	16	16	32	32	64
Maximum concurrent users/devices	1024	1,024	2,048	2,048	4,096
Maximum VLANs	4094	4094	4,094	4,094	4,096
Active firewall sessions	16,384	16,384	32,768	32,768	65,536
Concurrent GRE tunnels	256	256	512	512	1,024
Concurrent IPsec sessions	512	512	1,024	1,024	2,048
Mobility Access Switch tunneled-node ports	512	512	1,024	1,024	2,048
Firewall throughput	2 Gbps	2 Gbps	4 Gbps	4 Gbps	8 Gbps
Encrypted throughput (3DES, AES-CBC)	1.2 Gbps	1.2 Gbps	2.4 Gbps	2.4 Gbps	2.4 Gbps
Encrypted throughput (AES-	1.6 Gbps	1.6 Gbps	3.4 Gbps	3.4 Gbps	4 Gbps

Features	7005	7008	7010	7024	7030
Form factor/footprint	Compact	Compact	1 rack unit	1 rack unit	1 rack unit
Auto-negotiating 10/1000/1000BASE-T PoE+ ports	N/A	8	12	24	N/A
Auto-negotiating 10/1000/1000BASE-T ports	4	N/A	4	N/A	8 (compact)
Gigabit Ethernet ports (GBIC or SFP)	N/A	N/A	2 SFP	2 SFP+	8 (compact)
PoE power reserve	N/A	100W	150W	400W	N/A

A customer needs a new branch office solution that:

provides 802.11ac wireless access to local resources and the local Internet connection

connects wired and wireless users to resources at the main office in a secure manner

The office has 200 users, who will use up to two wireless devices at the same time. The architect has determined that the office requires 10-13 AP-

515s. The customer wants to support a total bandwidth from an or me APS or about 2 cops.

The entire site is currently wired for CAT5e from a single wiring closet, which contains two access switches, a core switch, and the Internet cable

modem, which has 10/100/1000 Mbps BASE-T ports. The wired network will handle about 1 Gbps of traffic. The switches do not support PoE/PoE+.

About 75 percent of all traffic is destined to the main office

The architect has looked up these specs for 7000 series controllers.

Which MC will meet the needs in the most cost-effective manner?

Options:

A- 7024

B- 7030

C- 7010

D- 7008

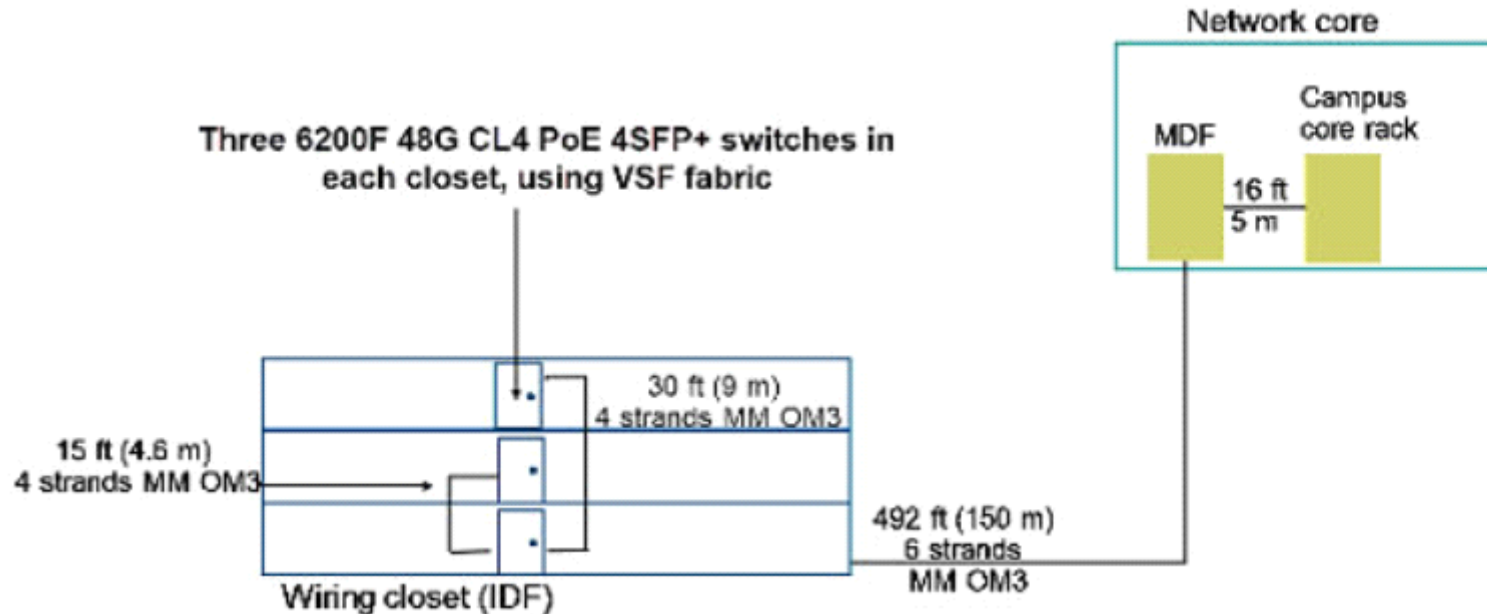
Answer:

A

Question 9

Question Type: MultipleChoice

Refer to the exhibit.



A customer needs a wired upgrade for a building on its main campus. The exhibit shows the switches that the architect has selected for each closet and the existing cabling. The customer is not open to changing the cabling.

The customer requires link redundancy for the uplinks from each closet and for the links from the building to the core. In non-link failure situations, the uplinks from each closet must support at least 20Gbps, and the building as a whole must have at least 20 Gbps to the

core in non link failure situations

Which two options for connecting the closets to the network core are valid? (select two.)

Options:

- A-** Connect the Floor 2 switch stack to Floor 1 with two fiber connections, DO the same for Floor 3. Connect the Floor 1 switch stack to the network core with two fiber connections.
- B-** Connect the switch stack on each floor directly to the network core on two fiber connections per floor. Achieve this by patching the inter-floor fiber through to the inter-building fiber.
- C-** Combine the nine switches on the three floors into a single switch stack with the MM QM3 fiber cables in a ring topology. Connect two Floor 1 members to the network core with one fiber connection each.
- D-** Combine the nine switches on all three floors into a single switch stack with stacking cables in a ring topology. Connect two Floor 1 members to the network core with one fiber connection each
- E-** Add two aggregation switches in the Floor 1 closet. Connect the switch stack for each closet to the aggregation switches on two fiber links each and the aggregation switches to the core on two fiber links.

Answer:

B, E

Question 10

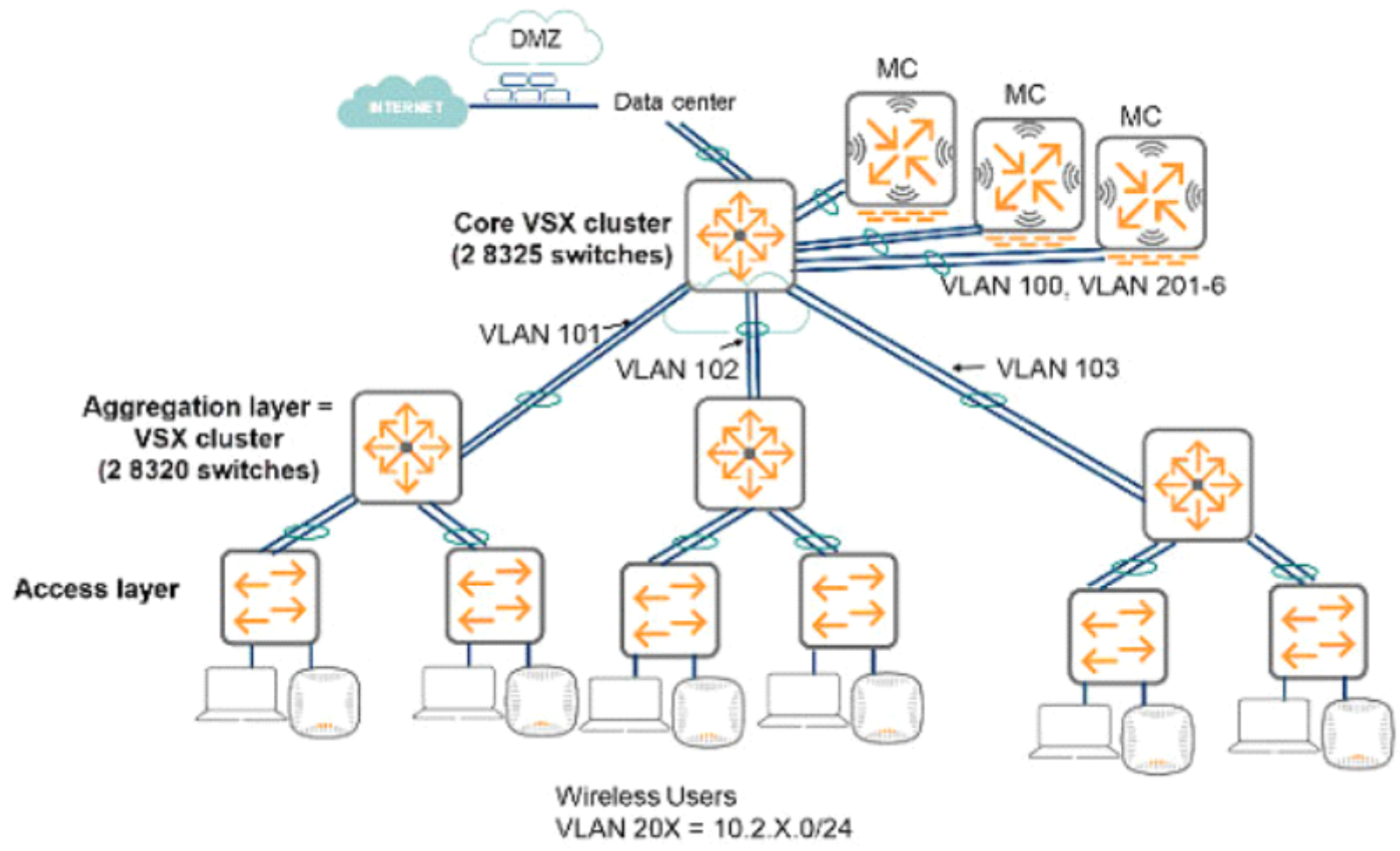
Question Type: MultipleChoice

A customer has an existing Aruba wireless solution at their campus. This solution is shown in the exhibit.

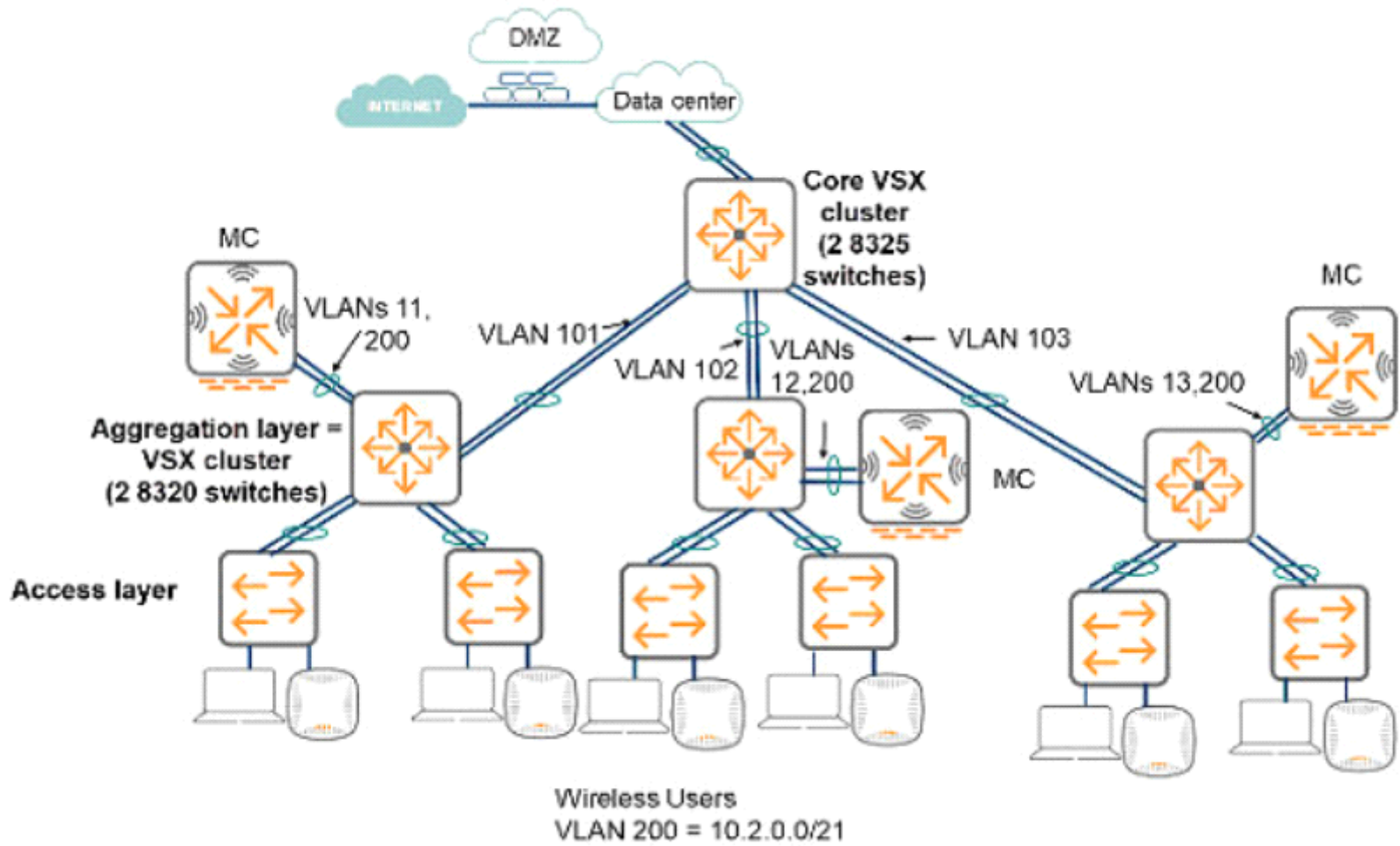
The customer now wants to enhance seamless roaming and failover across the solution. The customer wants the least expensive solution that still meets the needs.

Which figure shows the correct changes to the solution to meet the new needs?

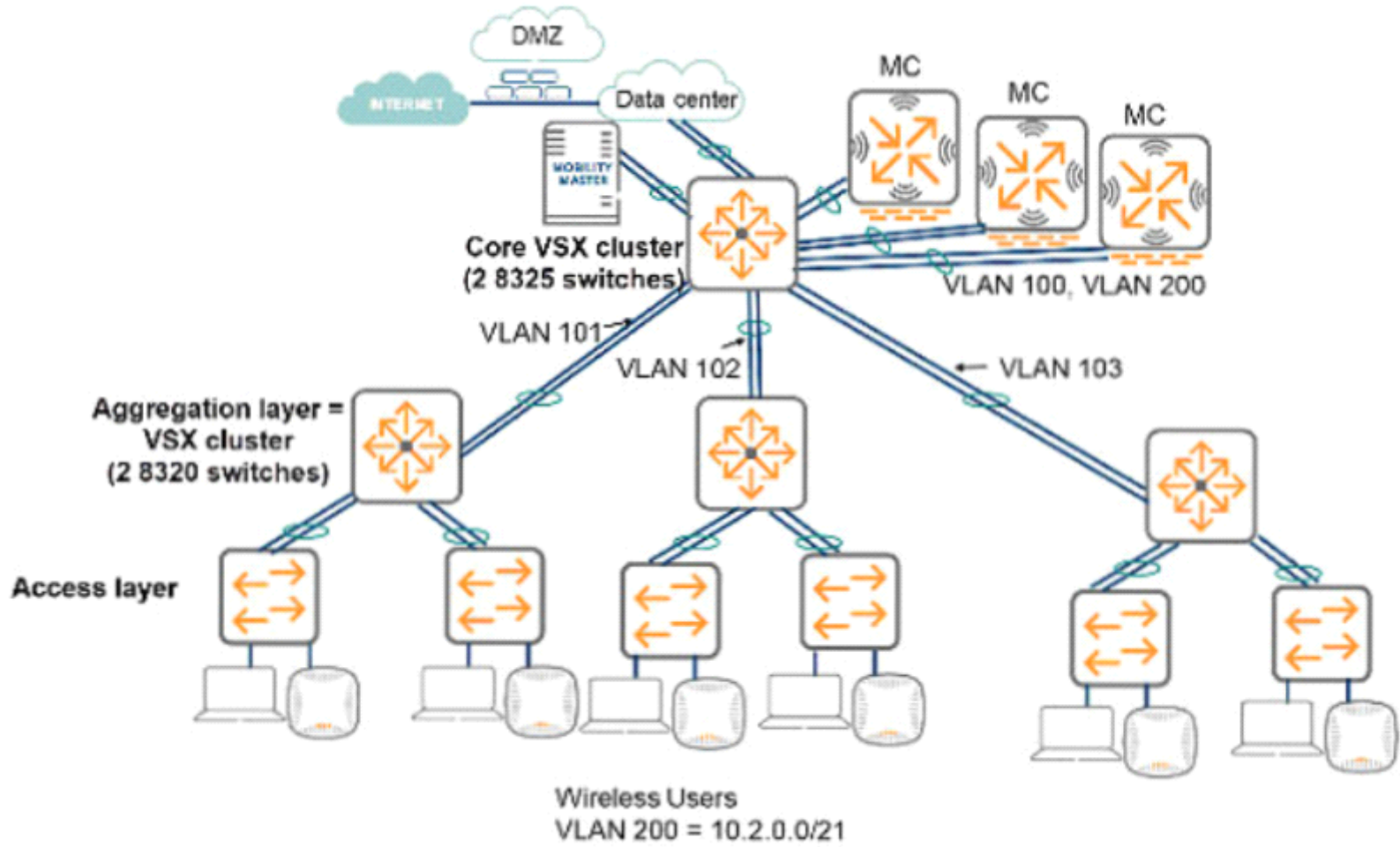
A)



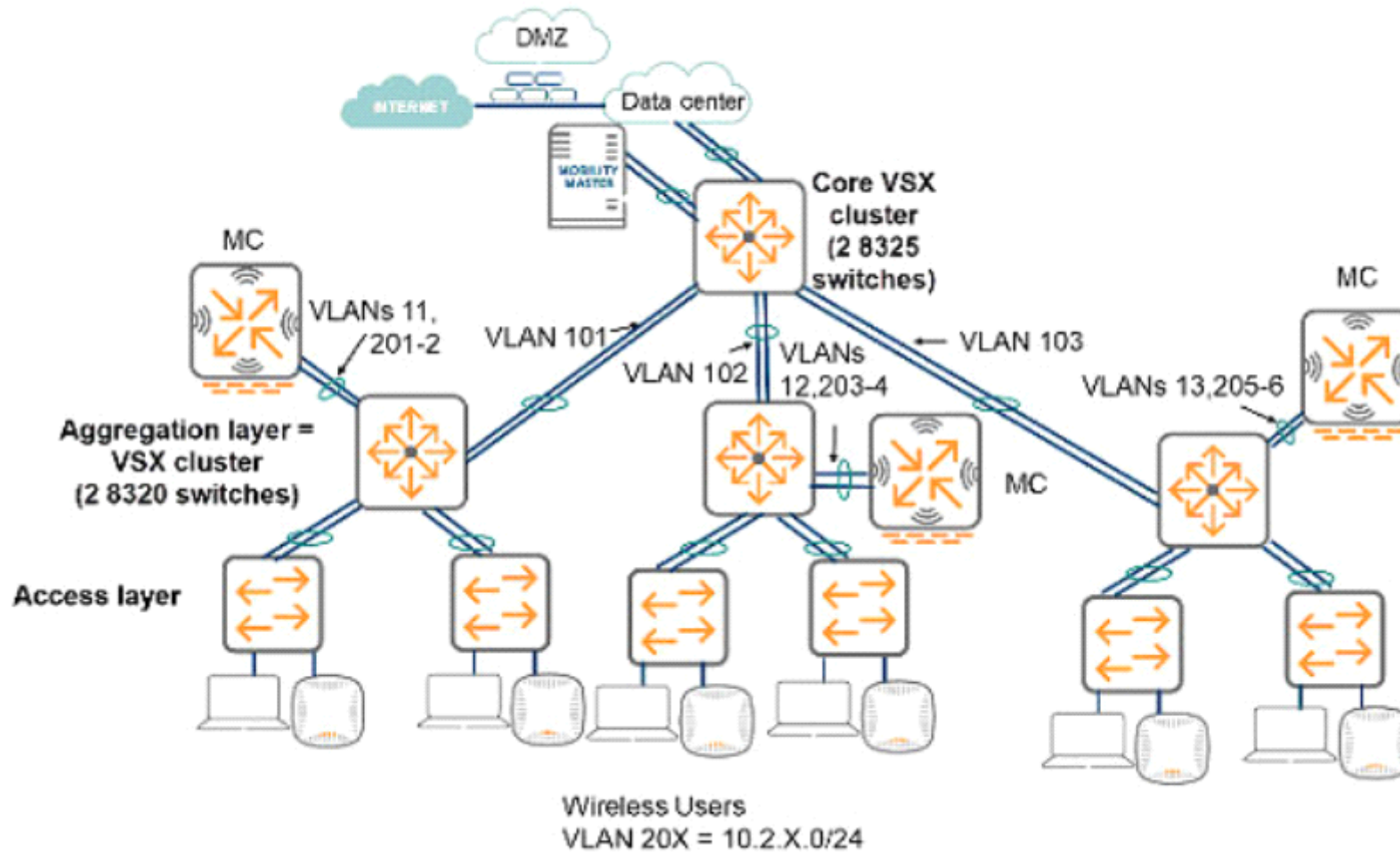
B)



C)



D)



Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

A

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