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QUESTION 1

A nospltai needs an upgrade to 802.11ax for its wireless network, which needs to provide complete coverage The hospital has a concrete exterior and uses drywalls lor all of the interior walls with a few exceptions as mandated for safety The building has 10fool (3 m) ceilings. The hospital prefers to avoid the deployment of APs in rooms if possible. Exceptions include reception areas and lounges. The wireless network must support wireless medical devices, voice communicators for medical star, laptops in nursestations, medical staff tablets, and visitor and patient personal devices. All of these devices support both the 2.4GHz

and5GHz band.

The exhibits below show one wing of one floor of the hospital. This wing is about 2S.Q0D square feet {2GQQ sq, m). The unlabeled rooms along the bottom of the wing are patient rooms\\' other rooms such as lounges and the MR] room are

labeled. This area has:

*

up to SO concurrent patients and visitors, who might have up to two devices

*

about 200 medical and other types of wireless devices

The architect has already planned to place APs in stairwells on another floor.

Which AP plan for this wing of this floor meets the customer needs?

A.

Option A

B.

Option B

C.

Option C

D.

Option D

Correct Answer: A

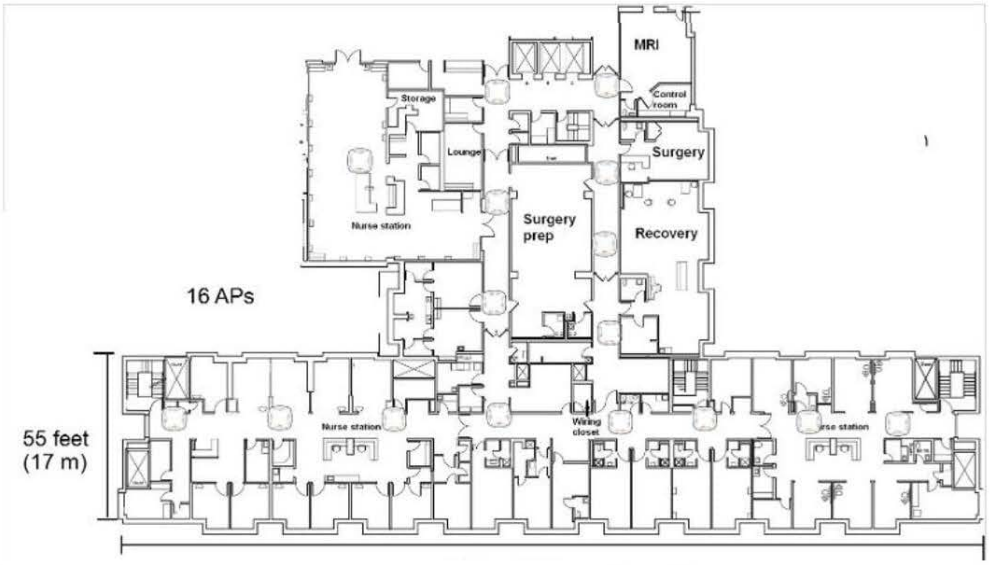
* 40 concurrent staff members, who might have up to three devices

* about 200 medical and other types of wireless devices

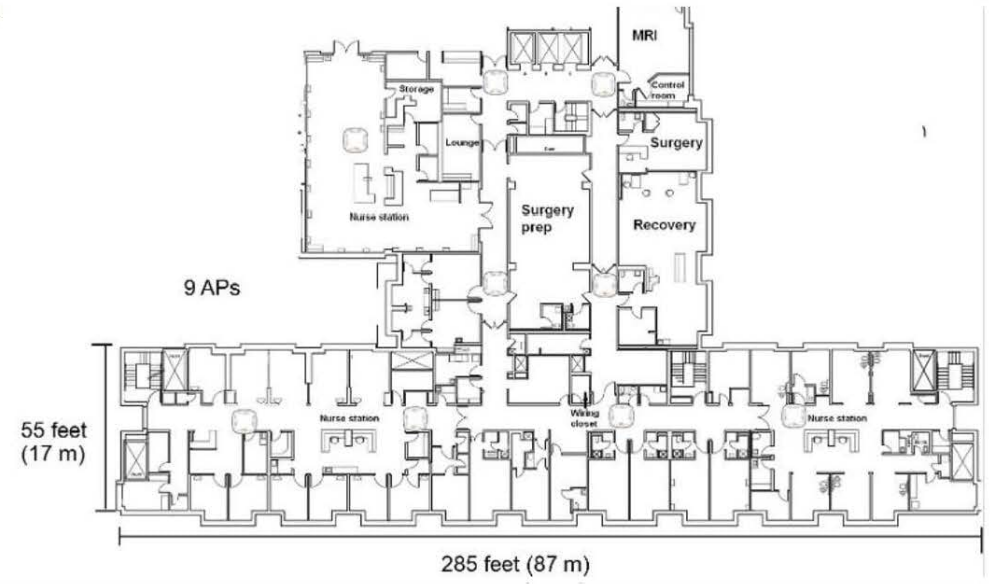
The architect has already planned to place APs in stairwells on another floor.

Which AP plan for this wing of this floor meets the customer needs?

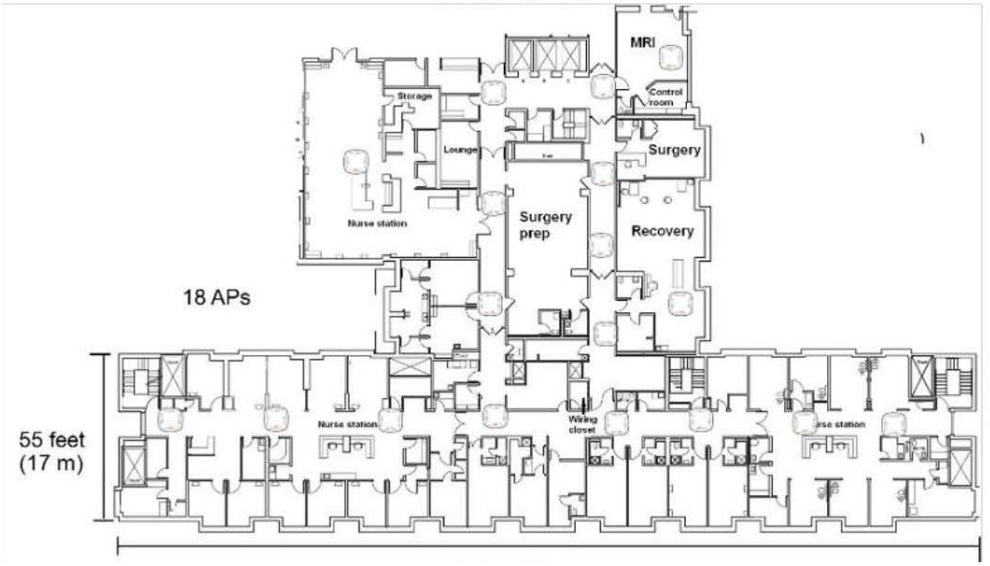
A.



B.



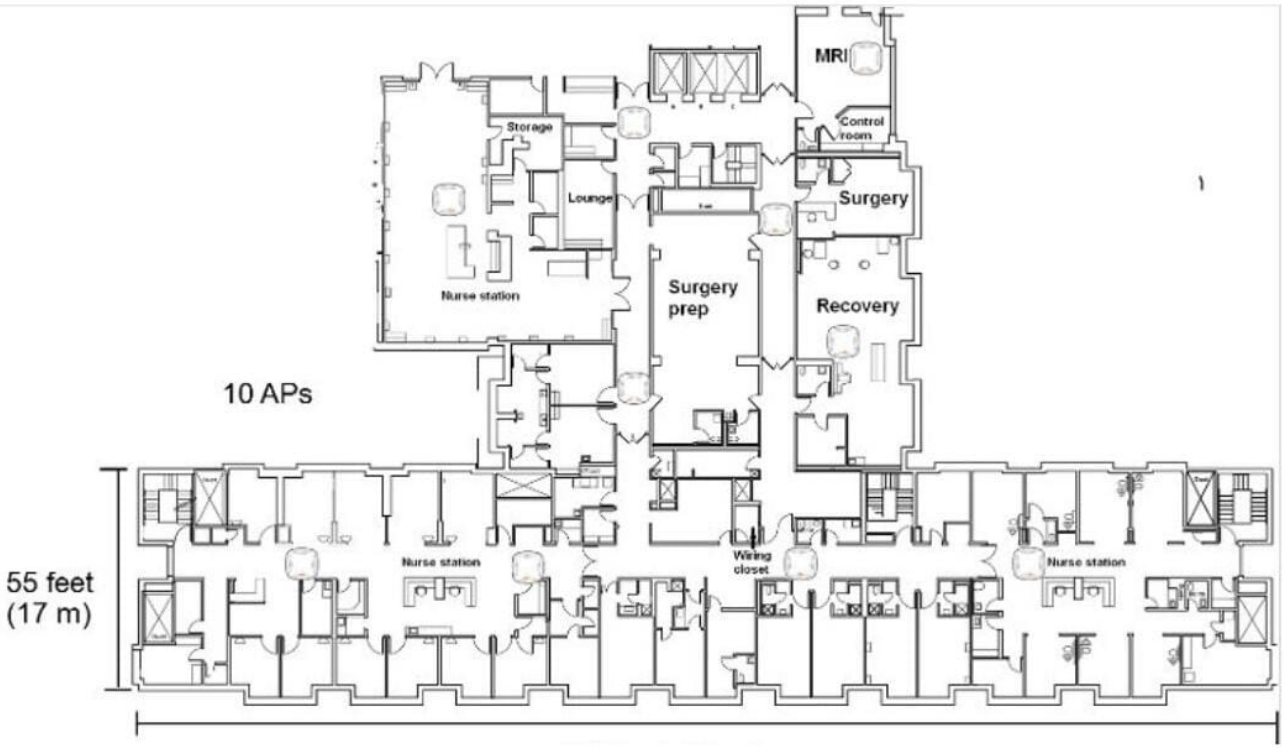
C.



*

40 concurrent staff members, who might have up to three devices

D.



QUESTION 2

Refer to the exhibit.

A customer has an existing network with ArubaOS switches, Aruba 7205 controller, and 802.11ac APs. The customer needs a wired upgrade for their campus network and wireless upgrade with 802,11ax APs and would like to get all the

functions of AP.

The customer has one building with 3 floors with the following wired devices,

*

8 printers

*

security cameras

The architect plans to propose 75 AP-535s.

The security cameras are a high definition pan-tilt-zoom with heaters for harsh environments that require more than 45 W to function,

Which exhibit shows an access switch mat meets the customer needs?

A.

Option A

B.

Option B

C.

Option C

D.

Option D

Correct Answer: D

* 200 VOIP phones

* 8 printers

* security cameras

The architect plans to propose 75 AP-535s.

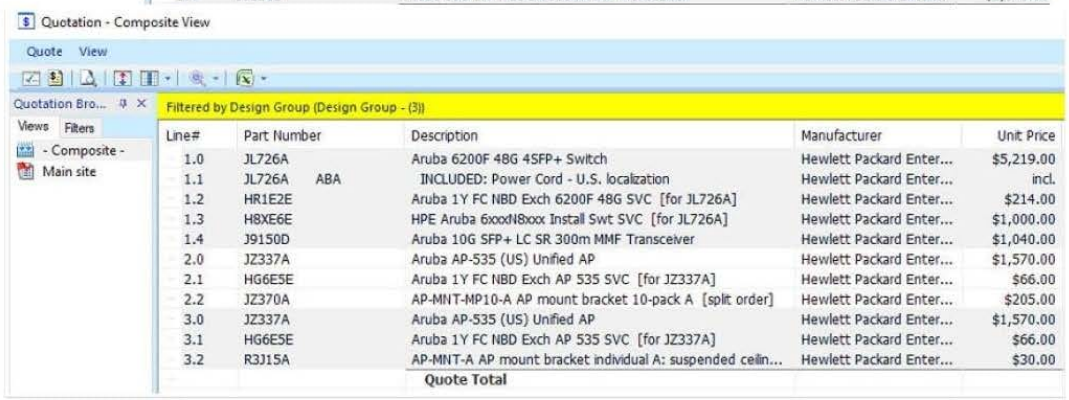
The security cameras are a high definition pan-tilt-zoom with heaters for harsh environments that require more than 45 W to function,

Which exhibit shows an access switch mat meets the customer needs?

A.

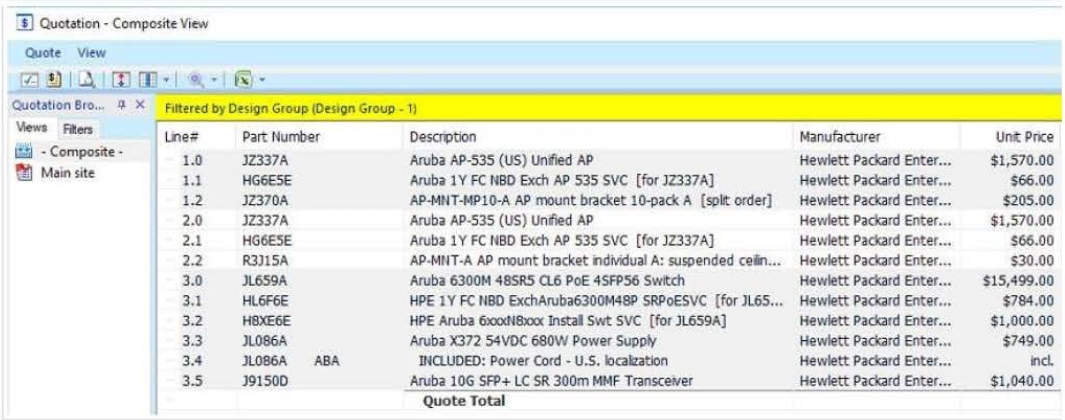
Line#	Part Number		Description	Manufacturer	Unit Price
1.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
1.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
1.2	JZ370A		AP-MNT-MP10-A AP mount bracket 10-pack A [split order]	Hewlett Packard Enter...	$205.00
2.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
2.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
2.2	R3J15A		AP-MNT-A AP mount bracket individual A: suspended ceilin...	Hewlett Packard Enter...	$30.00
3.0	JL665A		Aruba 6300F 48G CL4 PoE 4SFP56 Switch	Hewlett Packard Enter...	$11,199.00
3.1	JL665A	ABA	INCLUDED: Power Cord - U.S. localization	Hewlett Packard Enter...	incl.
3.2	HR5U1E		HPE 1Y FC NBD Exch Aruba6300F 48 PoE SVC [for JL665A]	Hewlett Packard Enter...	$559.00
3.3	H8XE6E		HPE Aruba 6xxxN8xxx Install Swt SVC [for JL665A]	Hewlett Packard Enter...	$1,000.00
3.4	J9150D		Aruba 10G SFP+ LC SR 300m MMF Transceiver	Hewlett Packard Enter...	$1,040.00

B.



Line#	Part Number		Description	Manufacturer	Unit Price
1.0	JL726A		Aruba 6200F 48G 4SFP+ Switch	Hewlett Packard Enter...	$5,219.00
1.1	JL726A	ABA	INCLUDED: Power Cord - U.S. localization	Hewlett Packard Enter...	incl.
1.2	HR1E2E		Aruba 1Y FC NBD Exch 6200F 48G SVC [for JL726A]	Hewlett Packard Enter...	$214.00
1.3	H8XE6E		HPE Aruba 6xxxN8xxx Install Swt SVC [for JL726A]	Hewlett Packard Enter...	$1,000.00
1.4	J9150D		Aruba 10G SFP+ LC SR 300m MMF Transceiver	Hewlett Packard Enter...	$1,040.00
2.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
2.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
2.2	JZ370A		AP-MNT-MP10-A AP mount bracket 10-pack A [split order]	Hewlett Packard Enter...	$205.00
3.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
3.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
3.2	R3J15A		AP-MNT-A AP mount bracket individual A: suspended ceilin...	Hewlett Packard Enter...	$30.00
			Quote Total		

C.



Line#	Part Number		Description	Manufacturer	Unit Price
1.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
1.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
1.2	JZ370A		AP-MNT-MP10-A AP mount bracket 10-pack A [split order]	Hewlett Packard Enter...	$205.00
2.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
2.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
2.2	R3J15A		AP-MNT-A AP mount bracket individual A: suspended ceilin...	Hewlett Packard Enter...	$30.00
3.0	JL659A		Aruba 6300M 48SR5 CL6 PoE 4SFP56 Switch	Hewlett Packard Enter...	$15,499.00
3.1	HL6F6E		HPE 1Y FC NBD ExchAruba6300M48P SRPoESVC [for JL65...	Hewlett Packard Enter...	$784.00
3.2	H8XE6E		HPE Aruba 6xxxN8xxx Install Swt SVC [for JL659A]	Hewlett Packard Enter...	$1,000.00
3.3	JL086A		Aruba X372 54VDC 680W Power Supply	Hewlett Packard Enter...	$749.00
3.4	JL086A	ABA	INCLUDED: Power Cord - U.S. localization	Hewlett Packard Enter...	incl.
3.5	J9150D		Aruba 10G SFP+ LC SR 300m MMF Transceiver	Hewlett Packard Enter...	$1,040.00
			Quote Total		

D.

Line#	Part Number		Description	Manufacturer	Unit Price
1.0	JL728A		Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	Hewlett Packard Enter...	$7,449.00
1.1	JL728A	ABA	INCLUDED: Power Cord - U.S. localization	Hewlett Packard Enter...	incl.
1.2	HL2K8E		Aruba 1Y FC NBD Exch 6200F 48G 740POESVC [for JL728A]	Hewlett Packard Enter...	$356.00
1.3	H8XE6E		HPE Aruba 6xxxN8xxx Install Swt SVC [for JL728A]	Hewlett Packard Enter...	$1,000.00
1.4	J9150D		Aruba 10G SFP+ LC SR 300m MMF Transceiver	Hewlett Packard Enter...	$1,040.00
2.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
2.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
2.2	JZ370A		AP-MNT-MP10-A AP mount bracket 10-pack A [split order]	Hewlett Packard Enter...	$205.00
3.0	JZ337A		Aruba AP-535 (US) Unified AP	Hewlett Packard Enter...	$1,570.00
3.1	HG6E5E		Aruba 1Y FC NBD Exch AP 535 SVC [for JZ337A]	Hewlett Packard Enter...	$66.00
3.2	R3J15A		AP-MNT-A AP mount bracket individual A: suspended ceilin...	Hewlett Packard Enter...	$30.00
			Quote Total		

*

200 VOIP phones

QUESTION 3

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 4

A customer has an existing; Aruba wireless solution to provide wireless access for employees. The solution Includes Aps,mobility controllers (MCs) at the network core, and a Mobility Master (MM} A customer would like to set up a separatelymanaged guest network and have the traffic go directly to the DMZ.

What should the architect suggest as the simplest solution that meets the requirements?

A. Have a dedicated mobility controller in the DMZ managed by the same MM

B. Double the number of APs and controllers.

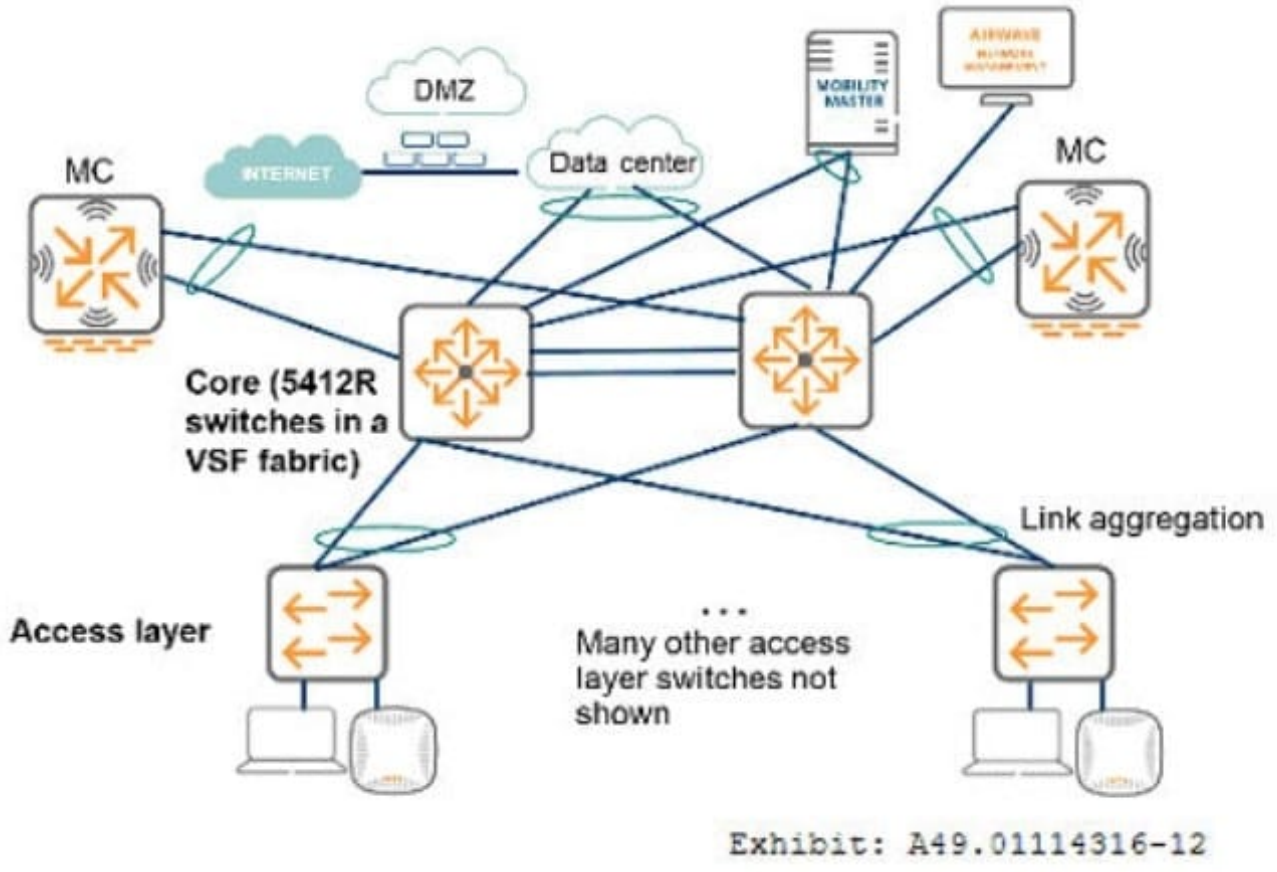
C. Use MulitZone, and put a mobility controller in Itie DMZ.

D. Add APs in a dedicated AP group to support only the guest network SSID.

Correct Answer: C

QUESTION 5

Refer to the exhibit.



The exhibit shows the design for an existing network. The customer intends to replace the current Core switches with two Aruba 8400 switches.

What are two points that the architect should ensure that the customer understands? (Select two.)

A. The 8400 switches do not support VSF.

B. The 8400 switches cannot be monitored by AirWave.

C. The 8400 switches run different software than the 5400R switches.

D. The 8400 switches have a smaller ARP table than the 540OR switches.

E. The 8400 switches are fixed port switches.

Correct Answer: CD

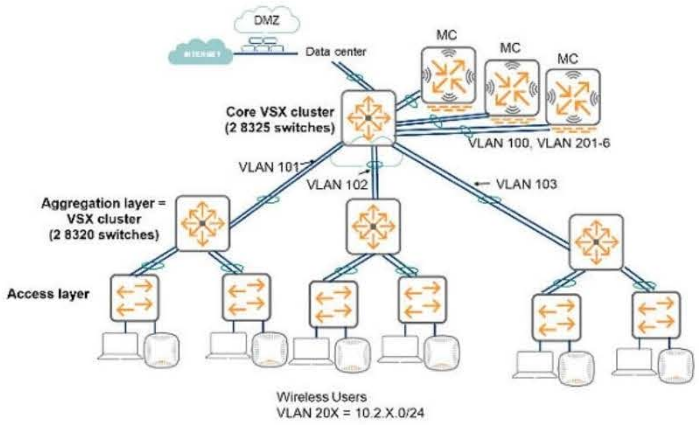
QUESTION 6

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

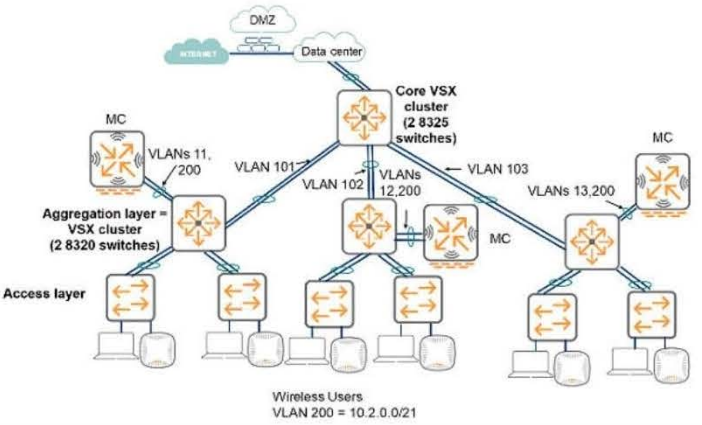
The customer now wants to enhance seamless roaming and failover across the solution. The customer wants the least expensive solution that still meets the needs.

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

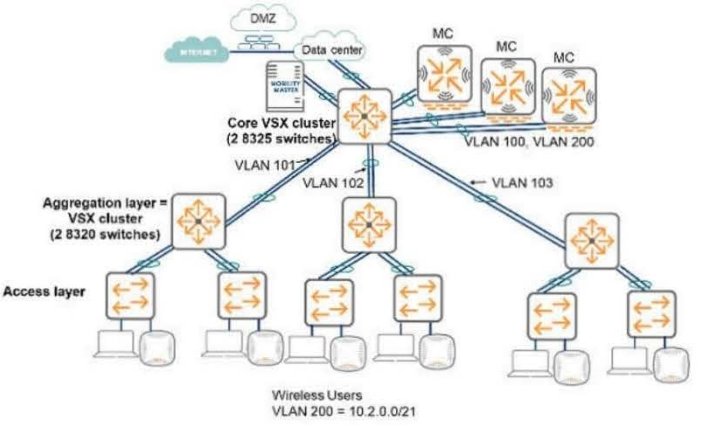
A.


DMZ
Data center
MC
MC
MC
Core VSX cluster
(2 8325 switches)
VLAN 100, VLAN 201-6
VLAN 101
VLAN 102
VLAN 103
Aggregation layer =
VSX cluster
(2 8320 switches)
Access layer
Wireless Users
VLAN 20X = 10.2.X.0/24

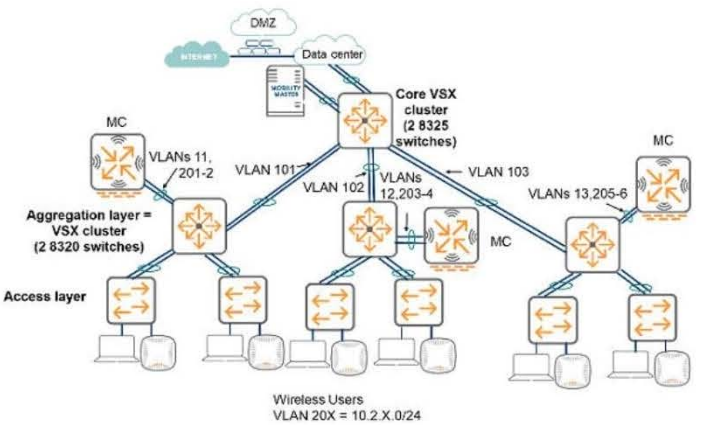
B.


DMZ
Data center
Core VSX cluster
(2 8325 switches)
MC
VLANs 11, 200
VLAN 101
VLAN 102
VLANs 12,200
VLAN 103
VLANs 13,200
MC
MC
Aggregation layer =
VSX cluster
(2 8320 switches)
Access layer
Wireless Users
VLAN 200 = 10.2.0.0/21

C.


DMZ
Data center
MC
MC
MC
Core VSX cluster
(2 8325 switches)
VLAN 100, VLAN 200
VLAN 101
VLAN 102
VLAN 103
Aggregation layer =
VSX cluster
(2 8320 switches)
Access layer
Wireless Users
VLAN 200 = 10.2.0.0/21

D.


DMZ
Data center
Core VSX cluster
(2 8325 switches)
MC
VLANs 11, 201-2
VLAN 101
VLAN 102
VLANs 12,203-4
VLAN 103
VLANs 13,205-6
MC
MC
Aggregation layer =
VSX cluster
(2 8320 switches)
Access layer
Wireless Users
VLAN 20X = 10.2.X.0/24

A. Option A

B. Option B

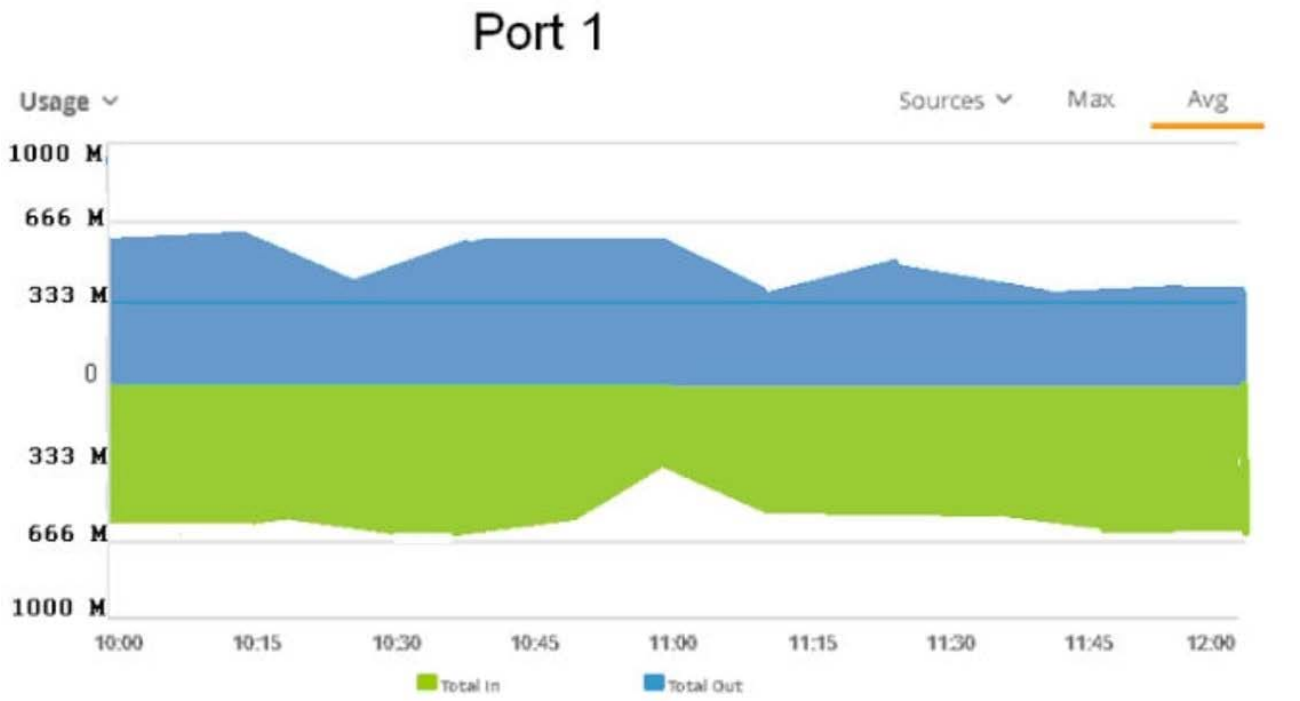
C. Option C

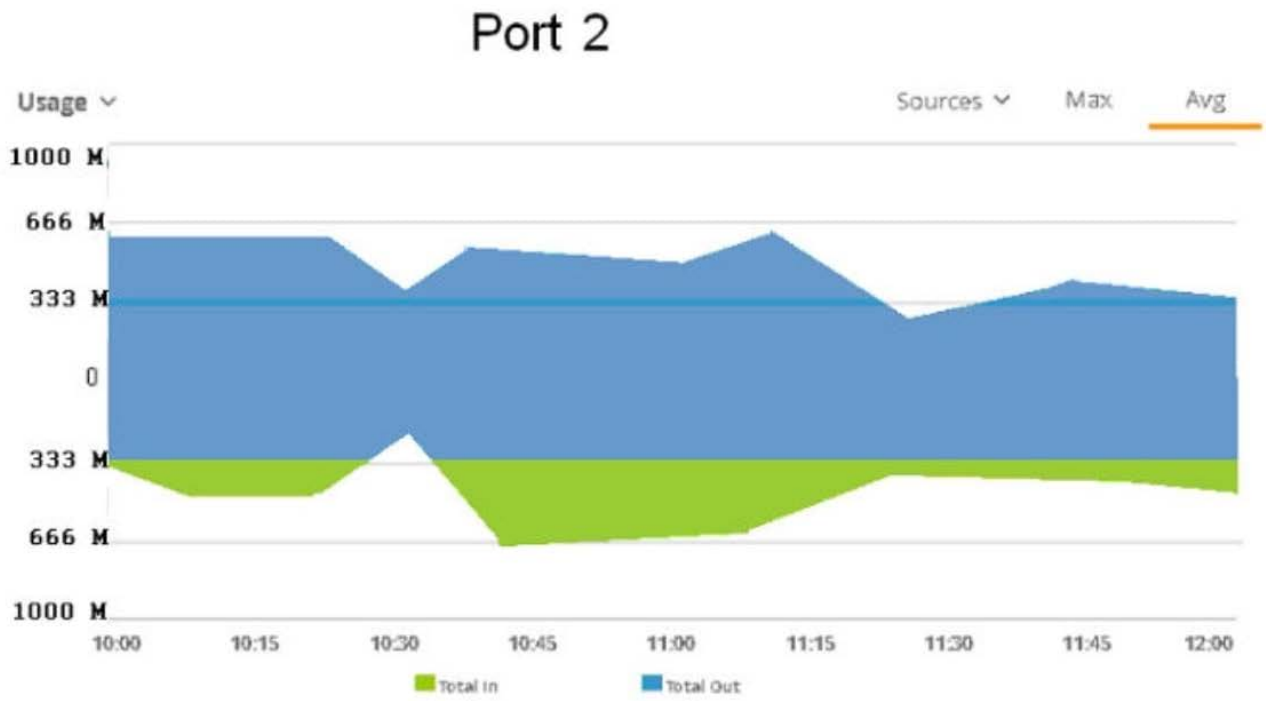
D. Option D

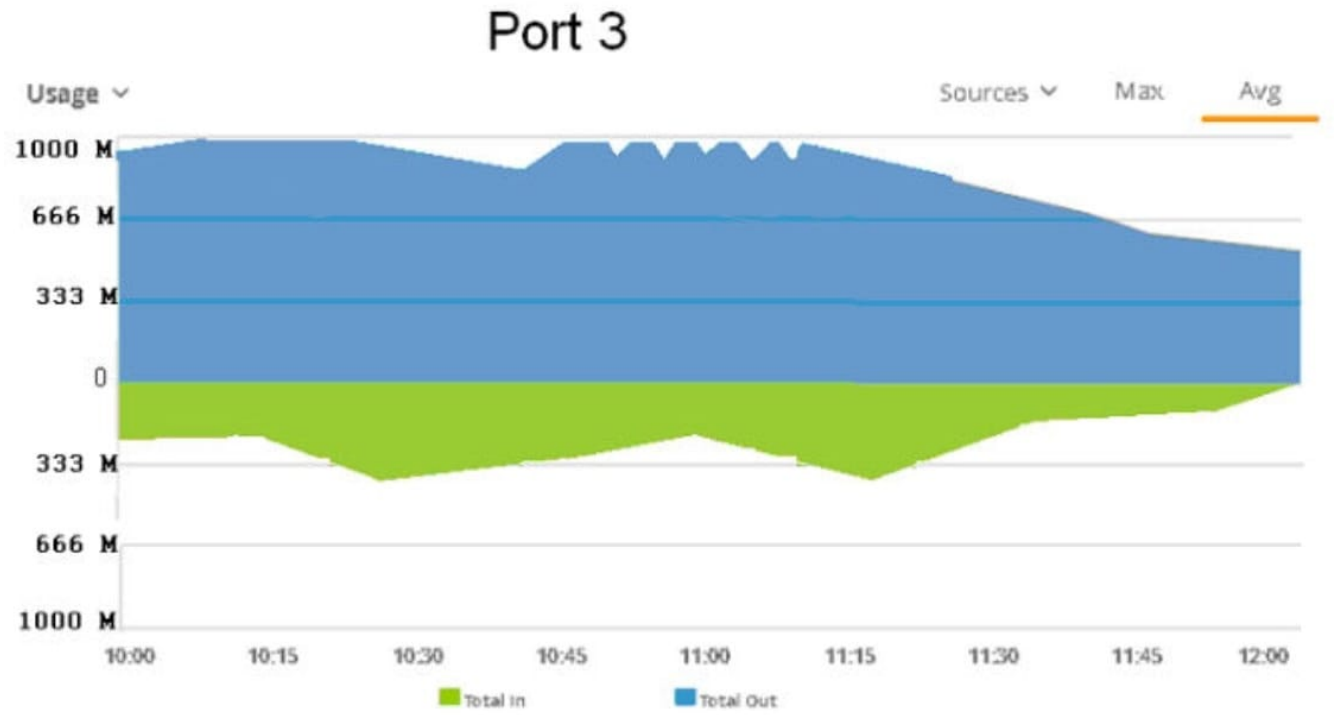
Correct Answer: A

QUESTION 7

Refer to the exhibit.


Port 1
Usage
Sources
Max
Avg
1000 M
666 M
333 M
0
333 M
666 M
1000 M
10:00
10:15
10:30
10:45
11:00
11:15
11:30
11:45
12:00
Total In
Total Out


Port 2
Usage
Sources
Max
Avg
1000 M
666 M
333 M
0
333 M
666 M
1000 M
10:00
10:15
10:30
10:45
11:00
11:15
11:30
11:45
12:00
Total In
Total Out



A customer needs a wired network upgrade and has complained about performanceissues. The architect collectedinformation about traffic now on several switch ports in different locations across the network, and the results are shown inthe exhibit. Each of these ports is a 1Gbps port.

What can the architectconclude?

A. All of the ports show serious congestion

B. Port 1 shows periods of congestion; other ports are not congested.

C. Port 3 snows periods ofcongestion; other ports are not congested.

D. None of these ports show any periods of congestion

Correct Answer: D

QUESTION 8

Referto the exhibit.

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.

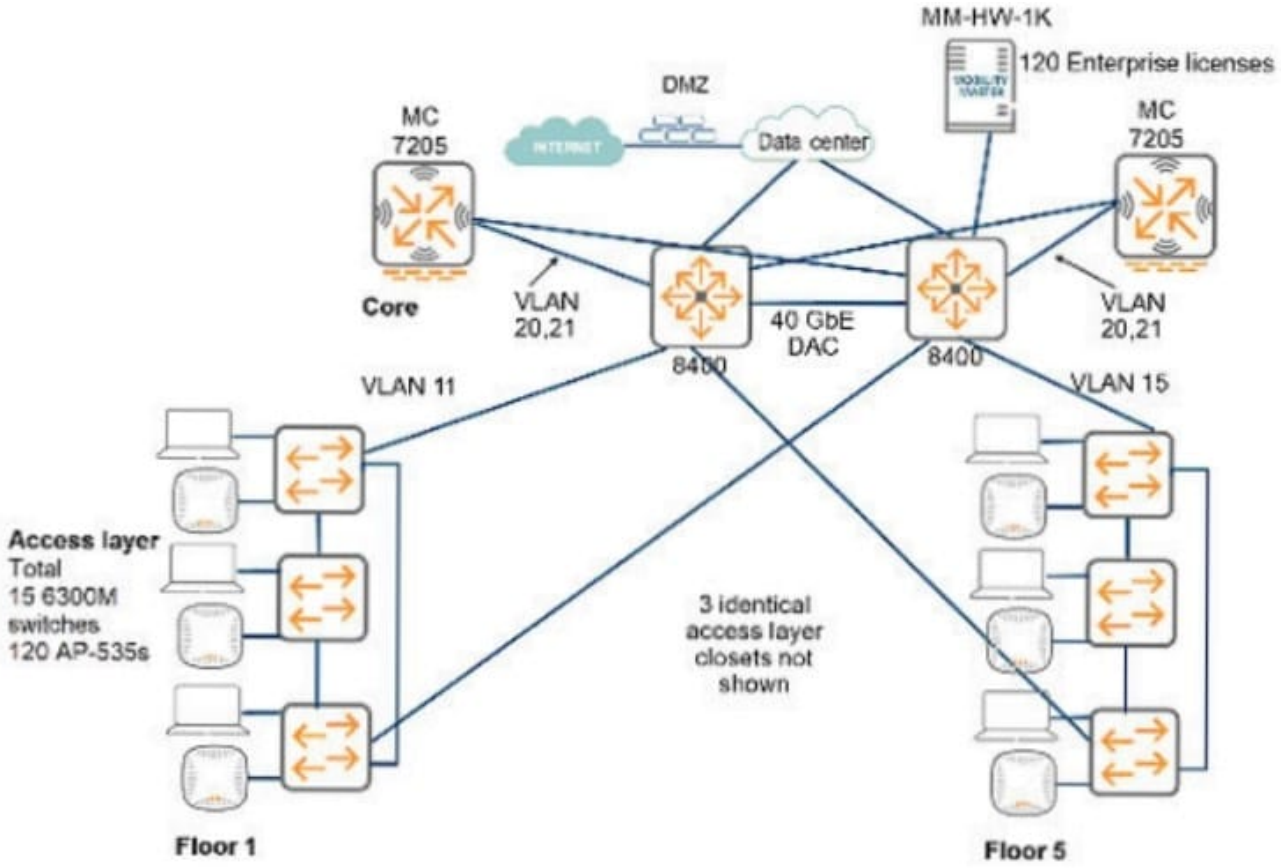
C. The current AP placement fails to account for the lead-lined wails that are common in patient and exam rooms.

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

Correct Answer: C

QUESTION 9

Refer to the exhibit.



A customer has these availability requirements;

loss of one controller with stateful failover and without impact on wireless client connectivity loss of one core switch without loss of connectivity for any endpoints or APs in the building loss of any one switch-lo-switch or MC-to-switch link without loss of connectivity for any endpoints or APS in the building and with minimal impact on infrastructure functionality loss of any one access switch with minimal impact to wireless client connectivity

The exhibit shows the current plan for the topology.

Which change should the architect make to the plan to provide better support for the customers availability requirements?

A. Add VLANs 11 and 15 to the MC connections to ensure both MCS can manage any of the APS.

B. Add 120 additional AP licenses, so that each MC can support ail the APs, even if the other MC fails.

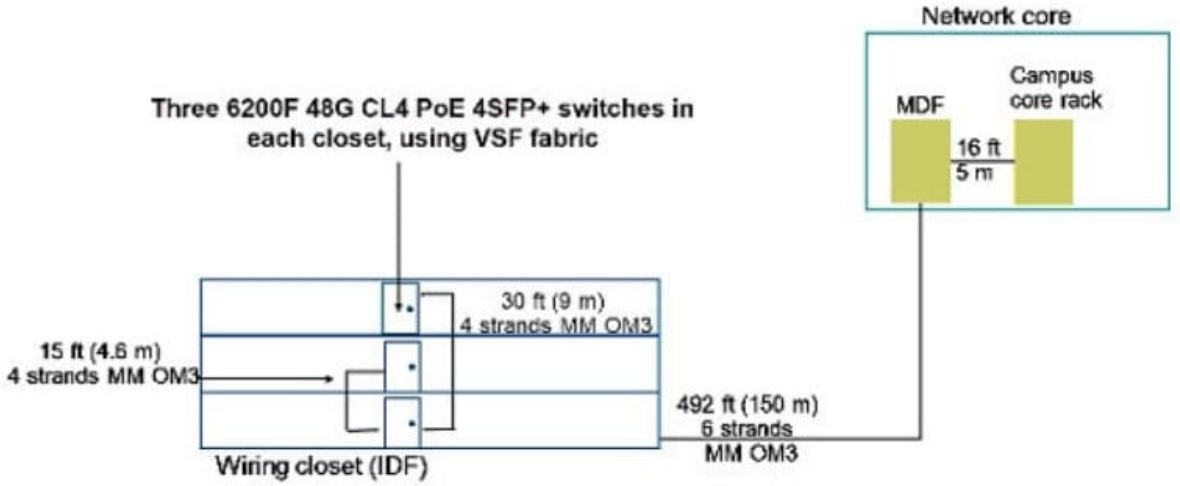
C. Use two 40GBE DACs between the core V3X switches for their switch links.

D. Change the 40GbE DAC on the 8400 switch to a stacking cable with stacking module.

Correct Answer: B

QUESTION 10

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 me 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 Tor connecting the closets to the network core are valid? (select two.)

A. Connect me Floor 2 switch stack to Floor 1 with two fiber connections, DO me same for Floor 3. connect the Floor 1 switch stack to the network cone with two fiber connections.

B. Connect the switch stack on each floor directly to the network cone 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 slack with stacking cables in a ring topology. Connect two Floor f members to the network core with one fiber connection each

E. Add two aggregation switches in the Floor 1closet. 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.

Correct Answer: BE