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Question 1

Question Type: MultipleChoice

A university department has a program in video processing and editing. Students in the department use Wi-Fi to interact with the video servers. The editing and processing is done by the students accessing and using the video servers. However, the students must then stream their results, via Wi-Fi to their laptops to verify the results. A network architect has determined that no more than 20 APs will be needed for the Wi-Fi solution. Because of the large amount of bandwidth used during the streaming, the Aruba mobility controller solution will need to support 10 Gbps links.

Which solution would cost-effectively meet this customer's requirements?

Options:

A- 7008

B- 7205

C- 7240XM

D- 7030

Answer:

D

Question 2

Question Type: MultipleChoice

A company has two buildings on a campus that are approximately 700 feet (214 meters) apart with a clear line of site. No fiber exists between the buildings; however, there is a need for connecting the networks in the buildings together. The connection between the two buildings will need to support peak rates over 1 Gbps.

Which solution should the company choose that will meet their requirements as well as being cost-effective?

Options:

A- Two outdoor AP 367s

B- Two outdoor AP 387s

C- Two outdoor AP 510s

D- Multi-mode fiber between campus switches

Answer:

A

Question 3

Question Type: MultipleChoice

A customer requires a campus core virtualization solution that supports a dual control and management planes, as well as active-active forwarding paths. Which solution would meet the customer's requirements?

Options:

A- Mesh stacking

B- VSX

C- Backplane stacking

D- VSF

Answer:

C

Question 4

Question Type: MultipleChoice

A network architect is creating a new wired design for a warehouse building. As a best practice, what length should the architect allow for the service loop in the wiring closets in this environment?

Options:

A- 3-10 feet (1-3 m)

B- 3 feet (1 m)

C- 15-30 feet (5-10 m)

D- 30-60 feet (10-20 m)

Answer:

B

Question 5

Question Type: **MultipleChoice**

A network architect has created two sites in IRIS and defined network devices for each site. From which window would a network architect connect the two sites together?

Options:

A- Topology

B- Site-1

C- Catalog

D- Start Page

Answer:

B

Question 6

Question Type: MultipleChoice

A company is redesigning their wireless network and will be upgrading all devices to support the latest wireless standards. The company is not near any radar installations. In order to keep wireless NIC power levels as low as possible to reduce interference issues and to take advantage of radar frequency ranges, what IEEE standard should APs support?

Options:

A- 802.11r

B- 802.11 ax

C- S02.11V

D- S02.11h

Answer:

B

Question 7

Question Type: MultipleChoice

Refer to the exhibit.

Refer to the exhibit.

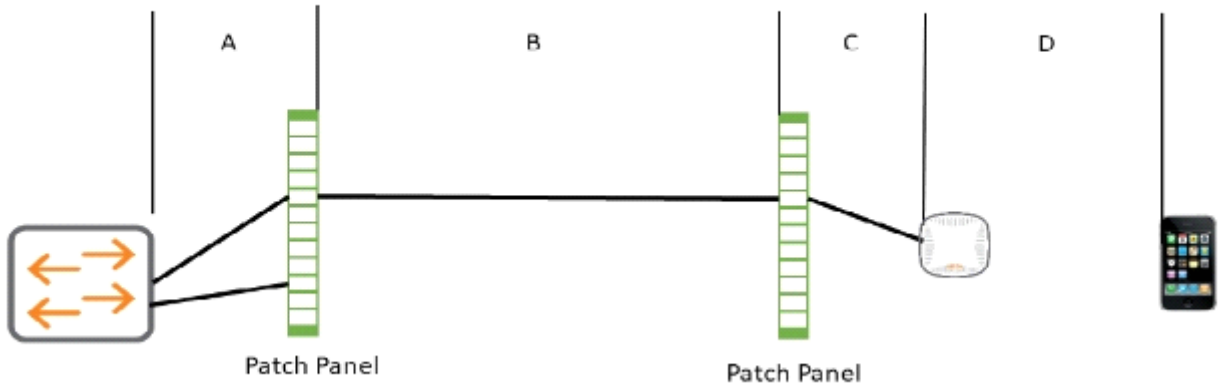


Exhibit A66-01128121-325

When planning the use of Cat7 cabling for a SmartRate connection between an ArubaOS AP and an ArubaOS switch, which sections should be considered when calculating distance?

Options:

A- A + C

B- A + B

C- A + B + C + D

D- A + B + C

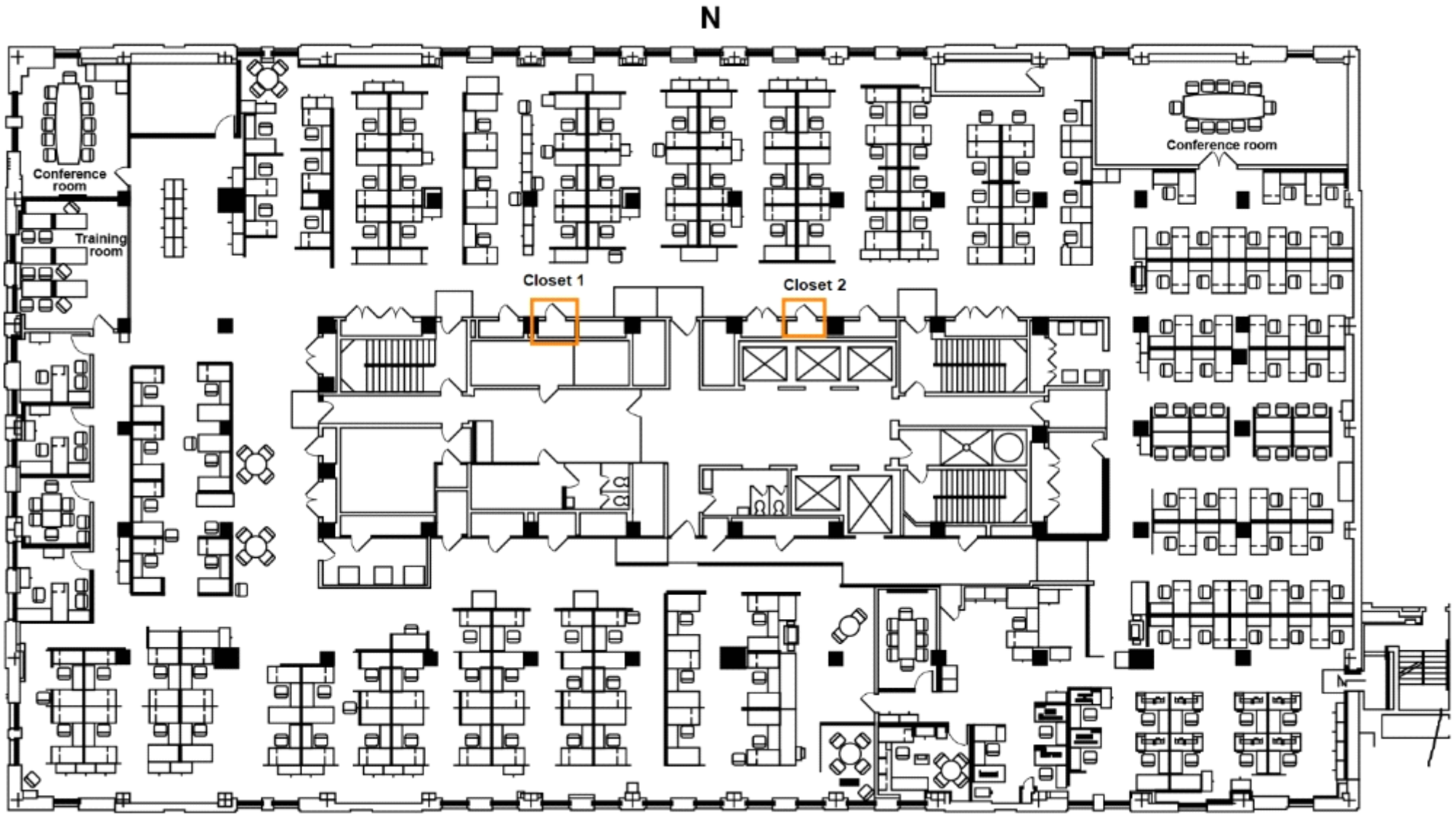
Answer:

C

Question 8

Question Type: **MultipleChoice**

A network architect is given the task to design a new network solution for NewStellar Company, Inc. NewSteiiar has a main corporate campus in a business park with two adjacent buildings. The network architect has given one floor to analyze, Building 1 Floor 2, shown in the attached exhibit.


N
Conference room
Training room
Closet 1
Closet 2
Conference room

Each building has three floors and each floor is 322 x 175 feet (98 x 53 meters) for 56,350 square feet (5,235 square meters) total, which results in a total of 338,100 feet (31,410 square meters) for the entire building space. Each floor has a central main corridor with washrooms, stairs, elevators and supply and network cabinets. There are cubicles around the perimeter of the floor. The central part main corridor's dimensions contain 9,350 square feet {870 square meters).

Because of security concerns, video cameras will be installed throughout the facility. There are 16 of these per floor, 8 per wiring closet. The cameras are non-WiFi capable and require POE 802.3af-capable switch ports from which to draw power.

A wireless capacity design is required. Assuming that wireless coverage is required across the Building 1, Floor 2, including the central area, and that half the required APs will connect to each wiring closet, approximately how many POE+ ports will be required per wiring closet for all devices that have POE or POE+ needs?

Options:

A- 30

B- 22

C- 42

D- 8

Answer:

A

Question 9

Question Type: MultipleChoice

A network architect is redesigning a wireless network. The architect begins by analyzing the number of spatial streams supported by APs of various vendors as well as the wireless devices currently in the network, if the company wants to ensure that new wireless design, including user wireless devices, support Multi-User MIMO (MU-MIMO). which standard or standards must the wireless products support?

Options:

A- Only 802.11ax and 8011.ac

B- Only 802.11ax

C- Only 802.11ax,802.1lac, and 802.l1n

D- Only 802.11ax,802.11ac, 802.11n, and 802.11a

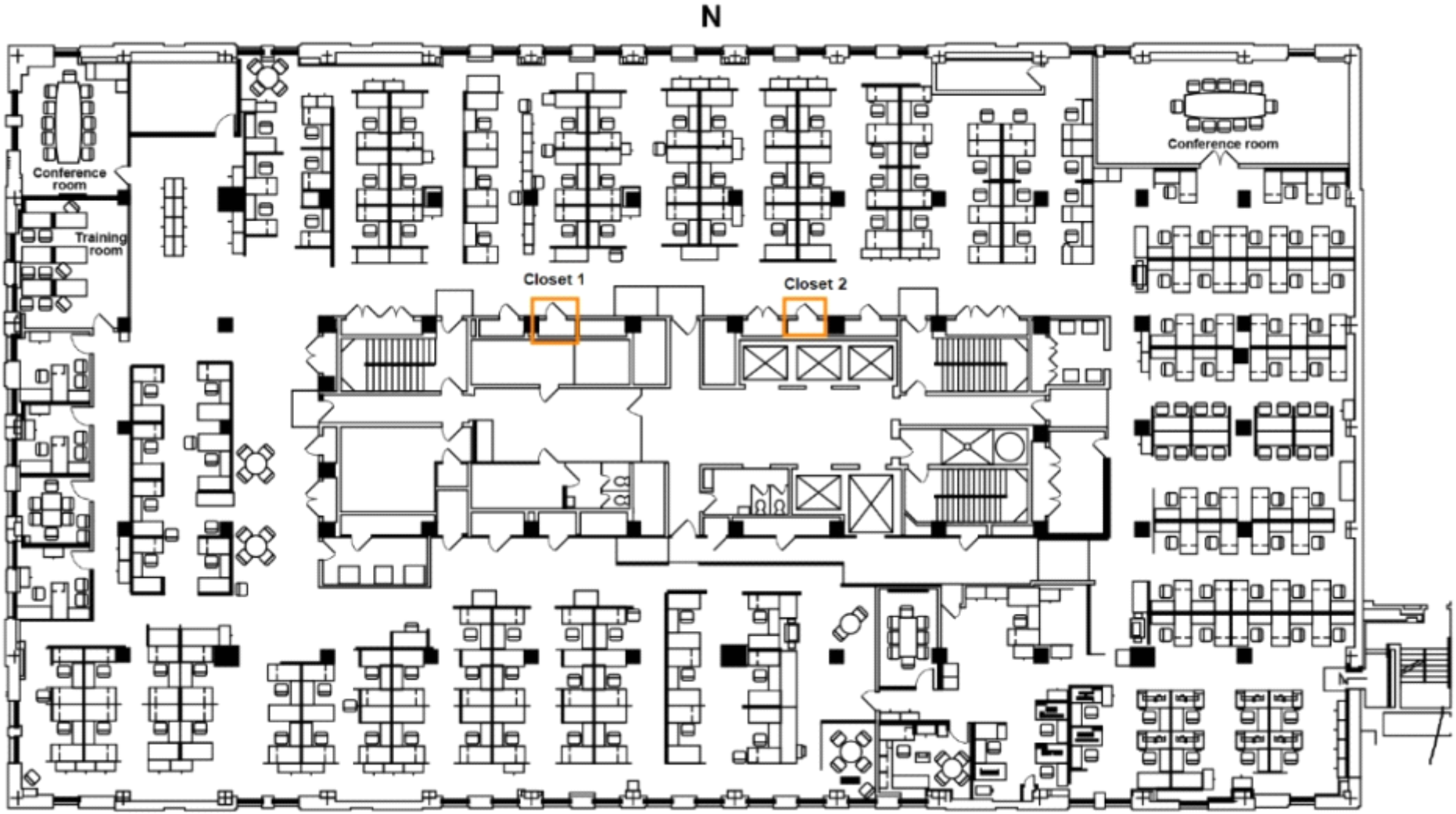
Answer:

C

Question 10

Question Type: **MultipleChoice**

NewStellar has a main corporate campus in a business park with two adjacent buildings. Each building has three floors and each floor is 322 x 175 feet (98 x 53 meters) for 56,350 square feet (5,235 square meters) total. The ceiling for each floor is 12 feet (3.6 meters) high with a drop-down ceiling at 10 feet (3 meters). The network architect has given you one floor to analyze, Building 1 Floor 2, shown in the attached exhibit.



This floor has a central main corridor with washrooms, stairs, elevators and supply and network cabinets. There are cubicles around the perimeter of the floor. The central part main corridor's dimensions contain 9,350 square feet (870 square meters). Assuming that

wireless coverage is not required in the central area, which square footage (square meter) value should a network architect use when determining the number of APs in a capacity design for each floor?

Options:

A- 55.750 square feet {5,175 square meters)

B- 56.350 square feet {5,235 square meters)

C- 47.000 square feet {4,365 square meters)

D- 338,100 feet {31,410 square meters)

Answer:

B

Question 11

Question Type: MultipleChoice

A customer has some employees that travel to various locations, where these employees will need Wi-Fi access at these locations. Because many of these locations do not have wireless support, the employees will need to carry an AP solution with them. Internet connectivity, if it doesn't exist at these locations, will be provided by a national phone company USB wireless card which will be

connected to AP. The wireless solution needs minimal bandwidth, but needs to minimally support 802.1 lac wave 1 devices.

Which Aruba AP wireless solution would meet the needs of these employees most effectively and cost efficiently?

Options:

A- 318

B- 303H

C- 365

D- 203R

Answer:

D

Question 12

Question Type: **MultipleChoice**

A wiring closet with a POE+ switch is 250 feet (76 meters) away from an AP on a building floor. The AP's smart-rate port is connected to a smart-rate port on the switch, which is capable of 10 Gbps. The cable type is Cat5e STP. What is the maximum speed that the

customer can expect from the connected AP?

Options:

A- 2.5 Gbps

B- 1 Gbps

C- 5 Gbps

D- 10 Gbps

Answer:

A