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Vendor:HP

Exam Code:HPE6-A66

Exam Name:Aruba Certified Design Associate Exam

Version:Demo

QUESTION 1

A customer placed an order for an ArubaOS 5406R switch and plans to rack mount it in a wiring closet. The dimensions of the switch are 17.5 inches wide (44.45 cm), 6.9 inches high (17.5 cm), and 17.75 inches deep (45.1 cm).

How many rack units should a customer plan for this switch?

- A. 5
- B. 4
- C. 6
- D. 3

Correct Answer: C

QUESTION 2

A network architect needs to plan a new wireless network:

- A. Central only
- B. Airwave and Central only
- C. Airwave, Central, Windows, Mac OSX, and Linux
- D. Airwave, Central, and Windows only

Correct Answer: B

QUESTION 3

Which feature does the Aruba AP 387 support?

- A. 802.11 ax
- B. Indoor usage
- C. included external directional antennas
- D. 60GHZRF

Correct Answer: D

QUESTION 4

A network architect has developed a design for a new Aruba Wi-Fi network that will include a virtual Mobility Master (MM) running the ArubaOS 8.4 operating system that will manage:

Correct Answer: A

QUESTION 5

A network architect is replacing an old wireless implementation based on 802.11 a with a new wireless solution. The company has a lot of money invested in legacy wireless barcode scanners and will not be replacing them. However, the bandwidth that the company expects each AP to have less than 700 Mbps in bandwidth, and this is not expected to change in the future. Which wireless solution would best meet this company's needs and be the most cost-effective?

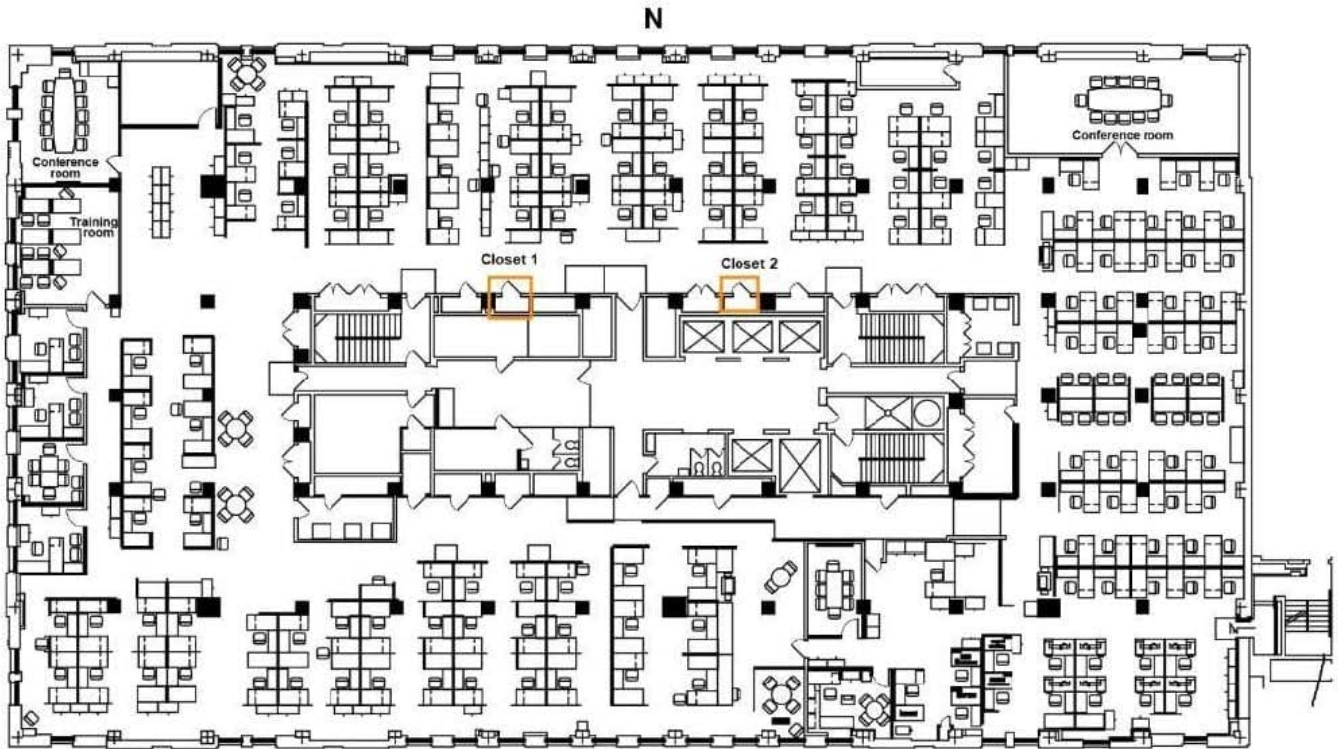
- A. 802.11n
- B. 802.11ax
- C. 802.11g
- D. 802.11ac

Correct Answer: B

QUESTION 6

NewStellar has a main corporate campus in a business park with two adjacent buildings that are 150 feet apart (46 meters). This is an open campus with no obstructions between the two 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, which results in a total of 338,100 feet (31,410 square meters) for the entire building space. The ceiling for each floor is 12 feet (3.6 meters) high with a dro

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). The company has determined that Wi-Fi coverage will not include the central area of each floor, which includes the washrooms, stairs, elevators and supply and network cabinets. Based on a capacity design, approximately how many APs should a network architect add to each floor to plan the design in VisuaiRF?

- A. 40
- B. 10
- C. 20
- D. 30

Correct Answer: C

QUESTION 7

A network architect plans to use two ArubaOS 5406 switches in a wiring closet configured in a VSF domain. The VSF link requires a 40 Gbps connection. Which SFP+ transceiver solutions would meet this requirement?

- A. QSFP+ LC
- B. SFP
- C. SmartRate
- D. QSFP28

Correct Answer: C

QUESTION 8

A network architect is designing a wireless solution for a company that is leasing one floor in a multi- floor building in a downtown area. The customer is concerned about ensuring complete Wi-Fi coverage and pin-pointing RF hazards.

What type of survey should the network architect perform?

- A. Active
- B. Virtual
- C. Passive
- D. Spectrum clearing

Correct Answer: A

QUESTION 9

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.

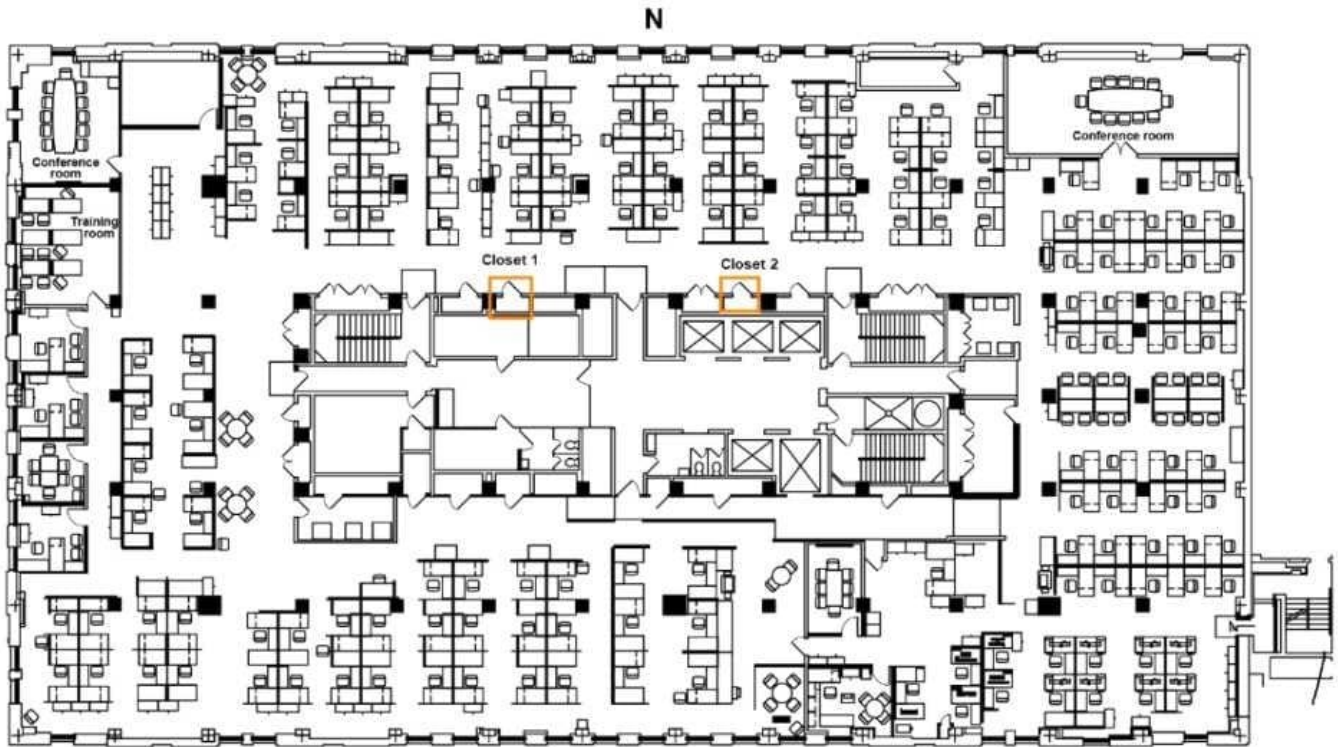
Which solution should the company choose that will meet their requirements as well as being cost- effective?

- A. Two outdoor AP 367s
- B. Two outdoor AP 387s
- C. Two outdoor AP 510s
- D. Multi-mode fiber between campus switches

Correct Answer: A

QUESTION 10

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 dro 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?



- 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)

Correct Answer: B

QUESTION 11

Which feature does the Aruba AP 555 support? (Select three.)

- A. 802.11ac and lower standards only
- B. desk wall plate mounted
- C. three radios
- D. weather proof and temperature hardened
- E. high density indoor locations

Correct Answer: ACE

QUESTION 12

When a WLAN has to support nomadic devices, a network architect must primarily plan for which component in their design?

- A. type of users
- B. number of users per location
- C. mobility requirements and usage
- D. density of users

Correct Answer: C