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QUESTION 1

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 2

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 802.11ac wave 1 devices.

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

- A. 318
- B. 303H
- C. 365
- D. 203R

Correct Answer: D

QUESTION 3

A network architect is redesigning the access layer in a data center for a customer. The access layer requires fixed-port switches that support VSF and data center features like L2 VXLAN and REST-API. Which switching solution should the network architect recommend?

- A. 8400



B. 3810M

C. 2930F

D. 6300

Correct Answer: C

QUESTION 4

A network architect is creating a new wireless solution for a customer. Wireless coverage is required throughout all four floors of two buildings on the same campus. Dynamic RF capabilities, including AirMatch, are required. Seamless

roaming is required within and between the two buildings. Each floor will have approximately 20 APs and 6 external APs are required for connectivity between the two buildings.

Given this information, which Aruba solution would be the most cost-effective while still meeting the customer's requirements?

A. An IAP cluster per floor

B. A standalone 7008 controller per floor

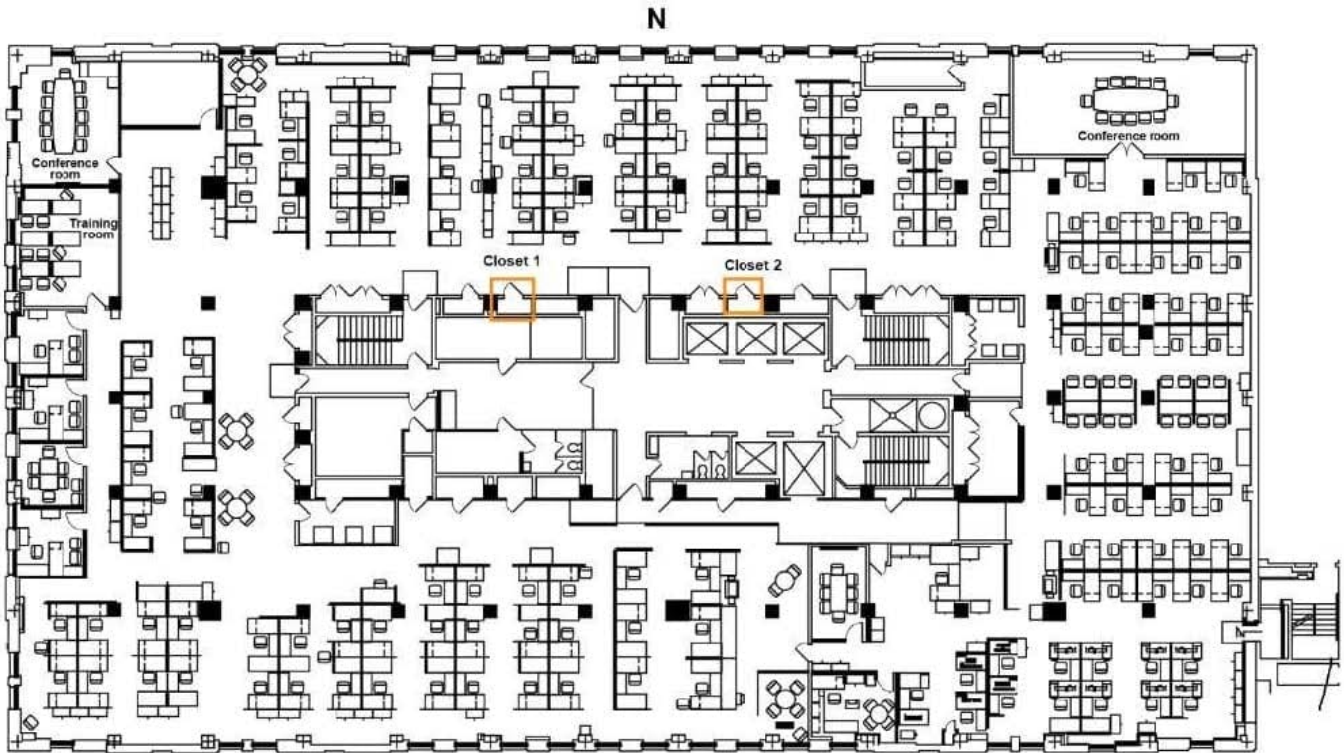
C. Two 7205 mobility controllers in a cluster

D. Two 7030 mobility controllers in a cluster

Correct Answer: A

QUESTION 5

A network architect is given the task to design a new network solution for NewStellar Company, Inc. NewStellar 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.



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?

- A. 30
- B. 22
- C. 42
- D. 8

Correct Answer: A