



HPE6-A66^{Q&As}

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QUESTION 1

A company has a warehouse that requires ruggedized APs to provide wireless access. The APs need to support these characteristics: 2 or more spatial streams

802.11 ac and 802.11 n support

Cat 7 Ethernet cabling will be used to connect the APs to POE+ capable switches. Link aggregation should be employed between the APs and the Ethernet switches.

Which would be the most cost-effective solution that would meet the company's requirements?

- A. AP 375 with external omnidirectional antennas
- B. AP 365 with integrated omnidirectional antennas
- C. AP 318 with external omnidirectional antennas
- D. AP 510 with external omnidirectional antennas and plastic AP cover

Correct Answer: C

QUESTION 2

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?

- A. 2.5 Gbps
- B. 1 Gbps
- C. 5 Gbps
- D. 10 Gbps

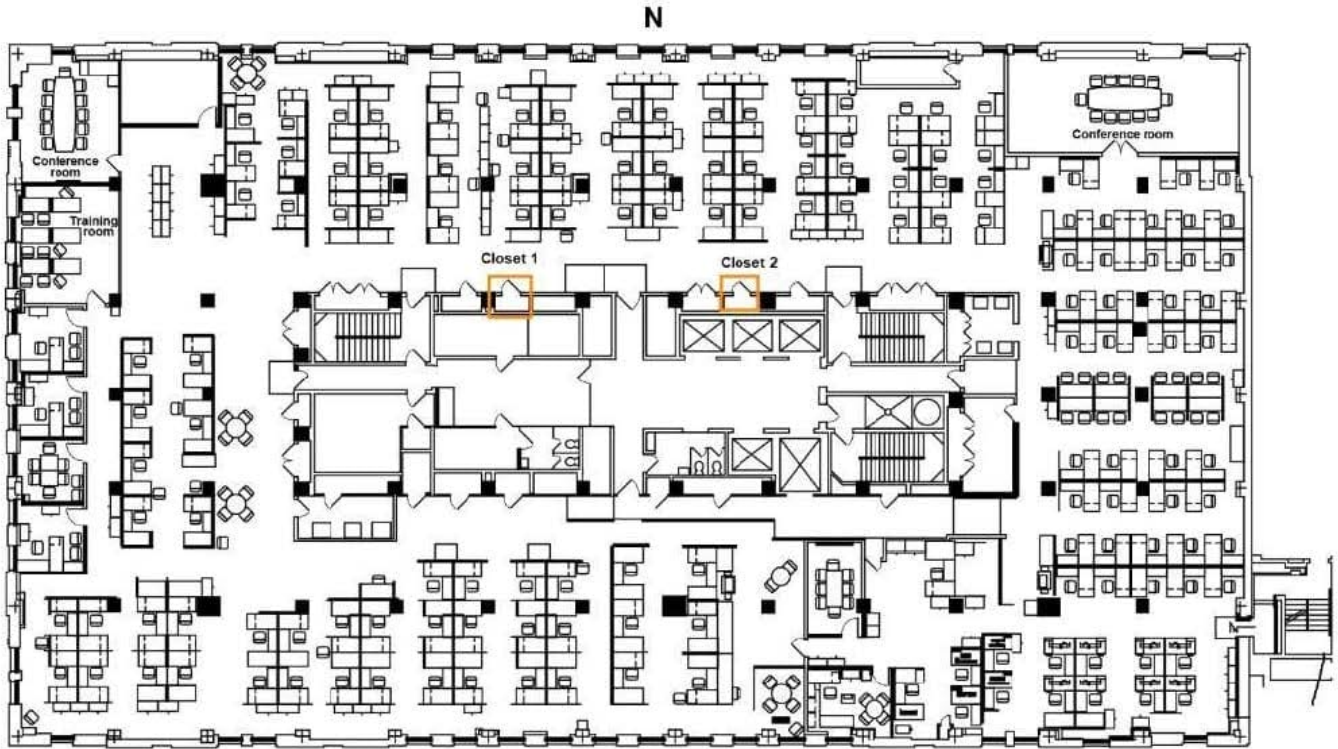
Correct Answer: A

QUESTION 3

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 4

A network architect is doing a site survey for a new wireless design One concern the company has with the old wireless network is coverage. In some cases, APs would lose power and some employees in the network would lose wireless connectivity. The new design needs to prevent this issue from occurring. During the site survey, what are best practices to be followed in regards to the dBm signal level and the power of the AP to ensure adequate wireless coverage and minimal overlap of AP signals for the new design?

- A. AP power at 75% and a measurement of -90 dBm on the measuring device
- B. AP power at 100% and a measurement of -65 dBm on the measuring device



C. AP power at 75% and a measurement of -80 dBM on the measuring device

D. AP power at 50% and a measurement of -65 dBM on the measuring device

Correct Answer: B

QUESTION 5

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

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