



# HPE6-A66<sup>Q&As</sup>

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### QUESTION 1

A network architect will be using VisualRF to determine the appropriate wireless coverage for a new wireless design. Seamless, uninterrupted roaming is necessary for this design, since voice will need to be supported. Given these requirements, which information should be used in VisualRF to plan a cost effective solution that meets these requirements?

- A. Minimum -70db, 1 AP per 2,500 square feet, capacity design
- B. Minimum -65db, 1 AP per 2,500 square feet, high density design
- C. Minimum -80db, 1 AP per 1,000 square feet, very high-density design
- D. Minimum -70db, 1 AP per 5,000 square feet, high density design

Correct Answer: B

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### QUESTION 2

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

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### QUESTION 3

A company has hired a network architect to replace an existing legacy wireless and wired network. The building is one-story and contains four wiring closets. Based on the information the network architect gathered from the company, one 48-port POE+ switch and three 48-port non-POE+ switches will be placed in each wiring closet. One stacking domain should be created for each wiring closet that supports 40 Gbps uplinks.

Which stacking solution should the architect implement for the floor that meets the requirements and is the most cost-effective?

- A. VSX
- B. VSF



- C. Backplane stacking
- D. Distributed trunking

Correct Answer: A

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#### QUESTION 4

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

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#### QUESTION 5

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

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