



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

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**QUESTION 1**

What is the main key for a network design to ensure users have a good experience running their applications\?

- A. Provision adequate bandwidth.
- B. Provide appropriate AP density.
- C. Determine the number of users per location.
- D. Implement appropriate security controls

Correct Answer: B

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**QUESTION 2**

A company needs to replace an existing legacy wireless and wired solution with one that supports features like 802.11ax for APs and logical switching for switches. The company is located on a single floor with two wiring closets. Assume that there will be 10 APs connected via POE+ to each wiring closet, along with 36 wired user connections. All switches on a floor should be configured in a single stack. The distance between wiring closets is 100 feet (31 meters). Which switching solution will minimally provide 10 Gbps uplinks at the most cost-effective price, while still meeting the company's requirements?

- A. 2930M switches
- B. 2930F switches
- C. 5406R switches
- D. 3810M switches

Correct Answer: A

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**QUESTION 3**

A network architect is designing a new wired and wireless solution for a company. The company has two buildings on a campus, which each building has three floors. The campus core will be placed in the basement of Building 1. Each wiring closet has eight strands of multi-mode OM3 grade fiber that connect to a wiring closet of the first floor of the building it is contained, referred to as a main distribution frame (MDF). The maximum distance between a floor's wiring closet and the MDF is 100 feet (30 meters). The maximum distance between the two MDFs and the campus core is no more than 150 feet (45 meters). There are eight strands of multi-mode OM3 grade fiber from these two MDF closets to the campus core. Based on this information, which type of design should be used and what is the maximum speeds supported all uplinks for the existing the multi-mode fiber?

- A. three-tier and 10 Gbps
- B. three-tier and 40 Gbps
- C. two-tier and 10 Gbps
- D. two-tier and 40 Gbps



Correct Answer: A

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#### QUESTION 4

A network architect is designing a new Wi-Fi solution for a customer. The customer currently occupies a one-story building on a small campus. In one part of the building there is an auditorium, where the ceiling height and attenuation is different from the rest of the building. What should the network architect create in VisualRF to identify this difference when planning the APs?

- A. Define the appropriate properties in the Network View
- B. Create a Region in the Floorplan View
- C. Split the Building View into two Floorplan Views
- D. Define the appropriate properties in the Building View

Correct Answer: D

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#### QUESTION 5

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