



# PW0-250<sup>Q&As</sup>

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### QUESTION 1

As an implementation engineer, you have just received initial design specs from a network designer for your dual-band 802.11n deployment. The network design documents prescribe the following data rate configuration for the 2.4 GHz radio:

Basic Rates -- 5.5, 6, 11, 12 Mbps

Supported Rates --9, 18, 24, 36, 48, and 54 Mbps as well as MCS 0-15

What will result from this design strategy?

- A. By disabling support for 1 and 2 Mbps while allowing 5.5 and 11 Mbps, the network will force 802.11b clients to use these higher data rates.
- B. Protection mechanisms will always be in use on this network to support 5.5 and 11 Mbps as basic rates.
- C. HR/DSSS (802.11b) stations will not be able to associate to the service set.
- D. This configuration violates the IEEE specification that defines 6, 12, and 24 Mbps as mandatory data rates for 802.11g/n.
- E. MCS 0 will represent the lowest data rate that can be used in the service set.

Correct Answer: C

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### QUESTION 2

One of your customers plans on providing wireless coverage to a warehouse facility. After performing an initial walkthrough, you collect the following information:

- The central part of the warehouse is between 400 and 600 feet (122 to 183 meters) from the warehouse switches mounted on the walls.

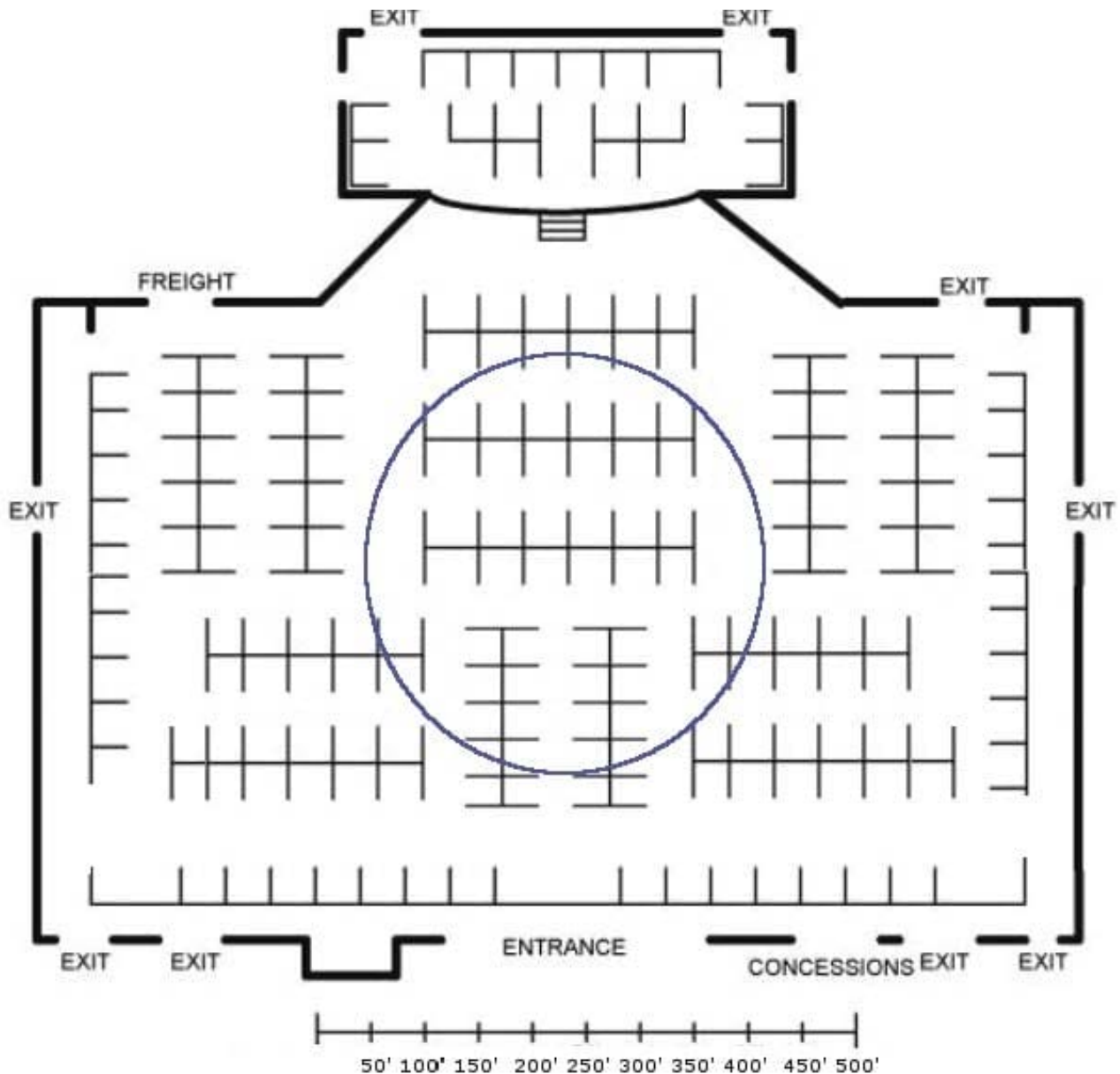
-The warehouse map was provided by the customer and is displayed in the exhibit.

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The warehouse storage is composed of metallic racks with varying inventory levels and contents, from electronics and plastic toys to food pallets and juice bottles.

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Workers need basic data coverage from their working location, and are not highly mobile. They usually work from one single aisle, and their laptop is on a cart with wheels.



What would be your recommendation to provide coverage to the central area (indicated by a blue circle) of the warehouse?

- A. Equip workers laptops with a directional antenna and install APs less than 328 feet (100m) away from the switch.
- B. In this case, extend the cable length just beyond 328 feet (100 m) and position APs as close as possible to the central area of the warehouse.
- C. Position APs along the walls, and equip the APs with Yagi antennas to cover the central area.
- D. Install APs for client access in the central area and use a mesh backhaul link to connect to the DS.

Correct Answer: D

**QUESTION 3**

What antenna connector type is displayed in the exhibit?



- A. RP-TNC
- B. RP-SMA
- C. N Connector
- D. MC Connector
- E. MMCX

Correct Answer: B

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**QUESTION 4**

After surveying for the ideal mounting locations for APs, you have been asked to compromise RF propagation optimization due to aesthetic concerns raised by your customer. In the end, you've decided to mount the APs in the



ideal locations and paint the APs so they go unnoticed in the environment.

What is a valid recommendation or consideration when painting APs? (Choose 2)

- A. Always use paints with metallic dye in them to prevent potential RF propagation impact.
- B. Do not paint the notification LEDs on the AP, but configure them to be dim or turned off altogether until troubleshooting is required.
- C. Painting APs may void the product manufacturer's warranty.
- D. Most AP models for indoor environments come in a variety of form factors and colors. Painting is never recommended.
- E. Painting APs always introduces a fire and gas emissions hazard and should be avoided for all indoor APs.

Correct Answer: BC

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#### QUESTION 5

In a large enterprise (5000+ wireless users), by what recommended methods are IP addresses and VLANs assigned to different clients associated to the same AP? (Choose 3)

- A. Each SSID is mapped to a static VLAN assignment
- B. Upstream AAA servers dynamically assign VLANs to each user or group profile
- C. Radio signal metrics (RSSI, SNR, etc.) of WLAN clients are triangulated for location-based VLAN assignment during association
- D. Each BSSID is assigned a unique VLAN to help manage the size of broadcast domains on the wired network
- E. Multiple VLAN pools are designated for an SSID and user IP addresses are selected in a round-robin fashion from the associated pools.
- F. In a centralized data forwarding model, clients automatically receive an IP address on the native VLAN of the AP's Ethernet access port.
- G. The configuration profile of the client supplicant is hard-coded with a VLAN ID.

Correct Answer: ABE

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