



300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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QUESTION 1

DRAG DROP

A wireless consultant is creating a wireless design for a multistory building. The building will house several groups that will use the wireless network for different operations. Depending on how the wireless network is used, different wireless approach designs must be taken. Drag and drop the services from the left onto the AP density levels on the right based on the wireless deployment requirements.

Select and Place:

Answer Area

location services	low density
data services	medium density
voice services	high density

Correct Answer:

Answer Area

	data services
	location services
	voice services

QUESTION 2

During a wireless network design, a customer requires wireless coverage on the perimeter of a building but also wants to minimize signal leakage from the wireless network. Which antenna should be used to accomplish this design?

- A. Patch
- B. Dipole
- C. Monopole
- D. Omnidirectional



Correct Answer: A

Reference: <https://www.cisco.com/c/en/us/td/docs/routers/connectedgrid/antennas/installing-combined/industrial-routers-and-industrial-wireless-antenna-guide/ANT-MP-INT-OUT-M.html>

QUESTION 3

A wireless engineer must assess constraints for a future WLAN deployment for a site that consists of office cubicles. Which signal propagation attenuation result is associated with this environment?

- A. reflection
- B. absorption
- C. noise
- D. refraction

Correct Answer: B

QUESTION 4

An enterprise is using the wireless network as the main network connection for corporate users and guests. To wireless network availability. Two Standalone controllers are installed in the head office. APs are connected to the controllers using a round-robin approach to load balance the traffic. After a power cut, the wireless clients disconnect while roaming. An engineer tried eping from the controller but fails. Which protocol needs to be allowed between the networks that the controllers are installed?

- A. IP Protocol 67
- B. IP Protocol 77
- C. IP Protocol 87
- D. IP Protocol 97

Correct Answer: D

Reference:

Mobility data traffic is carried via Ethernet over IP (EoIP) which is IP **protocol 97**. This is the IP protocol number, not a TCP/UDP port value.

QUESTION 5

A customer has two Cisco WLCs configured in a SSO cluster. The wireless network supports a large warehouse. The customer purchases new iPads to replace legacy scanners. Both devices connect to a single SSID named Scanning by using WPA2 Personal. The customer wants to use a standards-based method for fast roaming on the new iPads. Which



approach meets the scanner requirement and still supports the legacy scanners?

- A. Enable FT PSK and set Fast Transition to Adaptive for the Scanning SSID.
- B. Enable FT 802.1X and set Fast Transition to Adaptive for the Scanning SSID.
- C. Enable optimized roaming globally and enable FT 802.1X on the Scanning SSID.
- D. Enable optimized roaming globally and enable FT PSK on the Scanning SSID.

Correct Answer: A

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