



# 300-425<sup>Q&As</sup>

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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### QUESTION 1

An engineer is designing a new wireless network. Based on the design, OfficeExtend AP functionality must be used. Which type of license must the Cisco 5520 WLC v8.3 have?

- A. Base license
- B. OfficeExtend AP license
- C. WPlus license
- D. Plus license

Correct Answer: A

The base license supports the standard base software set, and the premium software set is included as part of the base feature set, which includes this functionality:

Datagram Transport Layer Security (DTLS) data encryption for added security across remote WAN and LAN links.

The Availability of data DTLS is as follows: Cisco 5500 Series Controller--The Cisco 5500 Series Controller will be available with two licensing options: One with data DTLS capabilities and another image without data DTLS. 2500, WiSM2-These platforms by default will not contain DTLS. To turn on data DTLS, you must install a license. These platforms will have a single image with data DTLS turned off. To use data DTLS you will need to have a license.

Support for OfficeExtend access points, which are used for secure mobile teleworking.

All features included in a Wireless LAN Controller WPLUS license are now included in the base license. There are no changes to WCS BASE and PLUS licensing. These WPlus license features are included in the base license:  
OfficeExtend AP Enterprise Mesh CAPWAP Data Encryption

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### QUESTION 2

An engineer must perform a Layer 2 survey for a mining facility. Which type of antenna does the engineer use in the mine shaft?

- A. omnidirectional
- B. patch
- C. internal
- D. dipole

Correct Answer: A

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### QUESTION 3

What causes the most signal attenuation, based on the wireless design tools?

- A. cinder block wall



- B. metal door
- C. glass wall
- D. office window

Correct Answer: B

Reference:

It is important to note that metal chair legs and desk components will interact with the antenna of the AP and change the pattern of the radiation. Surveying the results of placement decisions with a good tool is necessary

#### QUESTION 4

A customer has this wireless design:

1.  
two Cisco Catalyst 9800 Series wireless controllers configured in a high-availability SSO cluster to manage APs in the local office network
2.  
100 APs in local mode and registered to the high-availability cluster
3.  
one Catalyst 9800 Series wireless controller that is deployed as an anchor in a DMZ
4.  
Cisco ISE for user authentication and authorization

The customer wants to deploy a new SSID to support staff BYOD devices and authenticate users via Cisco ISE. The SSID terminates on the anchor WLC. How must the requirement be incorporated into the design to address the AAA servers for the WLAN?

- A. Send the AAA server accounting and authentication traffic from the high-availability cluster.
- B. Send the AAA server accounting and authentication traffic from the anchor WLC.
- C. Send the accounting traffic from the anchor WLC and the authentication traffic from the high-availability cluster.
- D. Send the accounting traffic from the high-availability cluster and the authentication traffic from the anchor WLC.

Correct Answer: B

#### QUESTION 5

A wireless consultant reviewing the installation of an old wireless network. The existing AireOS controllers are running software version 6.0.4539:44024. The customer is using OEAP and wants to keep this functionality. Which licenses



should the consultant propose with the latest controller software version?

- A. Base
- B. Premium
- C. WPlus
- D. Advanced

Correct Answer: C

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