



Exam : **640-721**

Title : Implementing Cisco Unified
Wireless Networking
Essentials (IUWNE)

Version : Demo

1. For the following items ,which one correctly describes fading?

- A. A function of the frequency and should be provided in the cable specification by the vendor.
- B. Another signal source is producing energy on the channel in which you are trying to operate.
- C. A time-varying change in the path loss of a link with the time variance governed by the movement of objects in the environment, including the transmitter and receiver themselves.
- D. The desired signal reaches the receiving antenna via multiple paths, each of which has a different propagation delay and path loss.

Answer: C

2. Observe the following statements, which limitation applies to the use of the Cisco WLAN Solution Management over Wireless feature?

- A. Read-write access is not available; only read-only access is supported.
- B. Controllers must be managed using only secure protocols (that is, SSH and HTTPS), not nonsecure protocols (that is, HTTP and Telnet).
- C. Uploads and downloads from the controller are not allowed.
- D. Wireless clients can manage other controllers however not the same controller and AP to which the client is associated.

Answer: C

3. As a network technician ,you must know Cisco WiSMs . Up to how many Cisco WiSMs are supported in a single mobility group operating under v5.0 code?

- A. 16
- B. 12
- C. 24
- D. 5

Answer: B

4. You work as a network technician at Cisco.com, read this subject carefully ,then answer the question. The existing Cisco Unified Wireless Controller is running v5.0 code for both the controllers and the Cisco WCS. A controller has been configured with an appropriate rogue rule condition to report discovered APs

to the Cisco WCS. What default alarm level is used to display all rogue APs in the Alarm Summary?

- A. Major
- B. Critical
- C. Flash
- D. Minor

Answer: D

5. What are the four types of wireless networks?(Choose four)

- A. Wireless PAN
- B. LAN
- C. MAN
- D. VLAN
- E. WAN

Answer: ABCE

6. Cisco Client Management Frame Protection is running on a mobility group with two controllers. For the following options ,which two MFP requirements protect the network? (Choose two.)

- A. requires the use of a nonbroadcast SSID
- B. requires CCXv5
- C. implements the validation of wireless management frames
- D. forces clients to authenticate, using a secure EAP method only

Answer: BC

7. What happens when client exclusion is enabled with a timeout value of zero ?

- A. Clients are excluded indefinitely.
- B. Client exclusion is disabled.
- C. Clients are never excluded.
- D. Clients must be explicitly included by specifying the MAC address.

Answer: A

8. The central office is currently using a combination of 4400 and 2100 series WLAN controllers running v4.2 and a variety of LWAPP-enabled access points servicing both 2.4 GHz and 5 GHz. The WLAN deployment has been extended to each remote office by implementing a 526 WLAN controller running v4.1 and several 521 access points. Wireless client deployment uses EAP-TLS authentication by use of a centralized RADIUS server plus 802.11n for performance. After the first remote office deployment, remote office users complain that they are not connecting via 802.11n.

Which will most likely cause this problem?

- A. The 521 AP does not support 5 GHz, which prohibits 802.11n.
- B. The 521 AP and 526 WLAN controllers do not support AES, which prohibits 802.11n.
- C. The 526 WLAN controller does not support external authentication via RADIUS, prohibiting authentication.
- D. The 526 WLAN controller does not support 802.11n with either v4.1 or v4.2.

Answer: D

9. How do the characteristics that are available on the Cisco WCS for Linux version differ from those of the Cisco WCS for Windows version?

- A. Cisco WCS for Linux is required for deployments.
- B. Assuming that there are no differences in hardware, a Cisco WCS for Linux can support up to 750 wireless LAN controllers. A Cisco WCS for Windows can support up to 250 wireless LAN controllers.
- C. Cisco WCS for Windows includes support for Cisco Spectrum Expert clients. Cisco WCS for Linux does not support Cisco Spectrum Expert clients.
- D. There are no differences in features between the Linux and Windows versions of Cisco WCS.

Answer: D

10. What is the typical maximum range of a wireless PAN?

- A. 45 feet
- B. 50 feet.
- C. 55 feet
- D. 60 feet

Answer: B

11. Which one of the following CLI commands displays the controller configuration in a way that is similar to the way that it is shown on Cisco IOS routers?

- A. show run-config
- B. show config
- C. show run config
- D. show running-config

Answer: D

12. Observe the following attacks, which two does Management Frame Protection help to mitigate?

(Choose two.)

- A. War Driving
- B. Man-in-the-Middle
- C. Eavesdropping
- D. Denial of Service

Answer: BD

13. Which device(s) will Lightweight access points send control traffic to?

- A. The Wireless Control System.
- B. Other access points.
- C. The Wireless Controller.
- D. Lightweight access points don't send control traffic.

Answer: C

14. For the following elements ,which three define the 802.11n implementation of MIMO? (Choose three.)

- A. Channel Bonding
- B. Maximal Ratio Combining
- C. Spatial Multiplexing
- D. Transmit Beam Forming

Answer: BCD

15. True or false: A wireless PAN consumes little power from small handheld computer devices.

A. True

B. false

Answer: A

16. In the AP Layer 3 controller discovery process, after the LWAPP Discovery Request is broadcast on a local subnet, which action will AP take next?

A. Send an LWAPP response to the master controller if known.

B. Send an LWAPP discovery request to controllers learned via OTAP if operational.

C. Wait 5 seconds and resend a Discovery Request to the local subnet.

D. Determine whether the controller responses are the primary controller.

Answer: B

17. Which three values will be used to calculate Effective Isotropic Radiated Power? (Choose three.)

A. antenna bandwidth

B. antenna gain

C. cable loss

D. transmission power

Answer: BCD

18. When importing a single campus map into the Cisco WCS 5.0, which four file formats will be used?

(Choose four.)

A. BMP

B. PNG

C. GIF

D. JPEG

E. JPG

Answer: BCDE

19. You are a network engineer at Cisco.com, When creating a wireless profile in the Cisco ADU and you

have selected the WPA/WPA2/CCKM radio button option, what other decision will you make and then configure on this same screen?

- A. the SSID of the wireless client
- B. the length and value of the pre-shared key
- C. the EAP type to be used for authentication
- D. the encryption type

Answer: C

20. What is a common standard for wireless LANs?(Choose two)

- A. IEEE 802.11
- B. IEEE 802.3z
- C. Wi-Fi
- D. IEEE 802.16.

Answer: AC

21. Match the proper relationship between interface description and the appropriate.

- 1. Designed to be analogous to VLANs for wireless LAN client device
- 2. The only port that is active when the controller is in boot mode
- 3. This interface is the only consistently*pingable* in-band interface IP address on the Cisco WLC
- 4. Used for Layer 3 communications between the Cisco WLC and the lightweight access points
- 5. Used to support mobility management. DHCP relay, and guest web authentication.

I.AP Manager

II.Dynamic

III.Management

IV.Service Port

V.Virtual

- A. I-4,II-1,III-5,IV-2,V-3
- B. I-4,II-1,III-2,IV-5,V-3
- C. I-4,II-1,III-5,IV-3,V-2
- D. I-4,II-1,III-2,IV-3,V-5

Answer: A

22. Which roaming situation using controllers in a Cisco Unified Wireless Network requires a client by use of WPA2 with PKC to reauthenticate to the network?

- A. A wireless client roams to another AP on the same controller.
- B. A wireless client roams to another AP after being out of range of the network for 2 minutes.
- C. A wireless client roams to another AP on a different controller in the same mobility domain.
- D. A wireless client roams to another AP on a controller in a different mobility domain.

Answer: D

23. Which three methods of authentication are usually used in enterprise wireless networks? (Choose three.)

- A. AES
- B. CCKM
- C. PEAP
- D. EAP-FAST
- E. EAP-TLS

Answer: CDE

24. You are a network technician at Cisco.com ,study the options carefully.A client is attached to the Cisco Unified Wireless network by use of controllers. When the client is using WPA2 and EAP authentication, where are the wireless encryption keys located during the active user session? (Choose two.)

- A. on the client
- B. on the Cisco WCS
- C. on the RADIUS server
- D. on the access point

Answer: AD

25. What relatively new standard applies to wireless MANs?

- A. IEEE 802.11

- B. IEEE 802.3z
- C. Wi-Fi
- D. IEEE 802.16.

Answer: D

26. Which statement best describes an infrastructure basic service set according to IEEE 802.11 specifications?

- A. No relaying of signals from one client to another client.
- B. Also called an Ad Hoc Network.
- C. Enables the use of ESS.
- D. The BSSID is generated from the first wireless client that starts up in the IBSS.

Answer: C

27. Which of the following items increases bandwidth and resists multipath problems by carrying data in subcarriers?

- A. Narrow Band Frequency
- B. Direct Sequence Spread Spectrum
- C. Frequency Hopping Spread Spectrum
- D. Orthogonal Frequency Division Multiplexing

Answer: D

28. In which format are the files saved ,when creating new configuration profiles in Cisco Secure Services Client?

- A. .TXT
- B. .RTF
- C. .HTML
- D. .XML

Answer: D

29. A controller is connected to a Cisco IOS Catalyst switch. The following is the switch port configuration:

```
interface GigabitEthernet 1/0/10
switchport
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1,20,30,50
switchport trunk native vlan 20
switchport mode trunk
```

Which one of the controller CLI commands assigns its management interface to the Cisco IOS Catalyst switch native vlan interface?

- A. config interface vlan management 0
- B. config interface vlan management 20
- C. config interface vlan management 30
- D. config interface vlan management 1

Answer: A

30. True or false: A computer device stores data in analog form.

- A. True
- B. false

Answer: B