



Vendor: Cisco

Exam Code: 350-050

Exam Name: CCIE Wireless Written Exam, v2.0

Version: Demo

Q&A: 315

QUESTION 1

Which two security features are associated with a wireless network employing 802.11i configured as a Robust Security Network? (Choose two.)

- A. WEP
- B. AES-CCMP
- C. 802.11x
- D. IPsec
- E. TKIP
- F. 802.1x

Correct Answer: BF

QUESTION 2

Before conducting a passive RF site survey with a standalone AP, which two of these should be statically configured on the AP? (Choose two.)

- A. passive client
- B. channel assignment
- C. DTPC
- D. Tx power level
- E. channel scan defer priority

Correct Answer: BD

QUESTION 3

After interviewing a customer to understand wireless client requirements, you determine that 802.11b must be enabled to support legacy clients within a mixed-mode environment. Which recommendation will have the greatest impact on mitigating the effects of 802.11b clients on the rest of the network?

- A. Restrict OFDM modulation from being used.
- B. Make 11 Mb/s the lowest mandatory rate.
- C. Enable a separate SSID for 802.11b clients.
- D. Enable a short preamble.

Correct Answer: B

QUESTION 4

In a Cisco Unified Wireless Network environment, which two of these are required in order for clients to connect with MCS data rates? (Choose two.)

- A. EDCF
- B. client MFP
- C. multiple spatial streams
- D. AES-CCMP
- E. 40-MHz channels

Correct Answer: AD

QUESTION 5

The 802.11-2007 standard includes which two amendments to the original 802.11 standard? (Choose two.)

- A. 802.11c
- B. 802.11d
- C. 802.11j
- D. 802.11r
- E. 802.11u

Correct Answer: BC

QUESTION 6

You are designing a wireless network utilizing EAP-TLS. One design requirement is to provide per-user differentiated QoS using only one SSID. What is the best way to achieve this goal?

- A. using WMM override
- B. using Cisco Airespace VSAs
- C. using QoS Enhanced BSS
- D. using AP groups

Correct Answer: B

QUESTION 7

What does the letter P in the designation of the AIR-CAP3502P AP indicate?

- A. The AP supports the new IEEE 802.11p (WAVE) wireless standard.
- B. The AP requires professional installation.
- C. The AP can be used in plenum applications.
- D. The AP is compatible with polarization type antennae.

Correct Answer: B

QUESTION 8

You are converting your wireless infrastructure from a data-only design to a location services design. Which task do you need to complete?

- A. Disable the DSSS speeds for RFID compatibility.
- B. Use fewer APs to avoid RFID 3D imaging.
- C. Set APs to maximum power for RF fingerprinting.
- D. Locate APs at the edges of your coverage area for trilateration.

Correct Answer: D

QUESTION 9

Which statement about heat maps on Cisco WCS is true?

- A. They are predictive and rely only on the accuracy of the information that is provided with the map.
- B. They are based on real-time actual values if Cisco Compatible Extensions is enabled on the APs.

- C. They are predictive but can be converted to real values by using the Refresh from network button.
- D. They are based on real-time actual values because of fingerprinting.

Correct Answer: A

QUESTION 10

A clause 15 radio uses _____ and supports data rates of _____ .

- A. FHSS or DSSS, 1 Mb/s up to 11 Mb/s
- B. DSSS, 1 Mb/s and 2 Mb/s
- C. FHSS, 1 Mb/s and 2 Mb/s
- D. DSSS, 1 Mb/s up to 11 Mb/s

Correct Answer: B

QUESTION 11

_____ is classified as an 802.11i RSN with _____ as the mandatory encryption protocol.

- A. WEP, TKIP
- B. WPA2,TKIP
- C. WPA, AES
- D. WPA2, AES

Correct Answer: D

QUESTION 12

You are designing an autonomous wireless network for an office building that is located near a local airport. The customer requires the use of 802.11a/n clients only, and the APs must never change their channel after they are configured. Which two UNII bands and channels should you restrict the APs to use on the 5 GHz radios? (Choose two.)

- A. UNII-1 and UNII-3
- B. UNII-1 and UNII-2 extended
- C. 36-52 and 149-161
- D. 36-48 and 100-140
- E. 52-64 and 149-161
- F. 36-48 and 149-161

Correct Answer: AF

QUESTION 13

You have been hired to install an outdoor wireless network for a small city. The design must provide 360 degrees of coverage from a central location and at least 33 Mb/s of aggregate bandwidth for clause 18 radio clients. How do you design this solution?

- A. Three or more patch antennas installed in a circular pattern on the same supporting structure
- B. One high-gain omni-directional antenna
- C. Three or more parabolic dish antennas installed in a circular pattern on the same supporting structure
- D. Three or more sector array antennas installed in a circular pattern on the same supporting structure

E. Three or more Yagi antennas installed in a circular pattern on the same supporting structure

Correct Answer: D

QUESTION 14

Which three security threats require the Cisco Adaptive WIPS service for mitigation? (Choose three.)

- A. on/off-channel rogue
- B. spectrum intelligence
- C. man-in-the-middle attack
- D. rogue switch-port tracing
- E. zero-day attack
- F. network reconnaissance

Correct Answer: CEF

QUESTION 15

Which of the following are required components for Client MFP? (Choose two.)

- A. CCXv4
- B. CCXv5
- C. 802.11n
- D. WPA2 w/TKIP or AES-CCMP
- E. AnyConnect 3.0

Correct Answer: BD

QUESTION 16

Which of the following statements are true regarding RLDP? (Choose two)

- A. RLDP works only on APs configured in Open Authentication mode.
- B. RLDP only works if the AP is in Monitor Mode.
- C. RLDP will attempt to identify each Rogue AP only once.
- D. RLDP only works if the Rogue AP is connected to a VLAN that is reachable by the WLC.
- E. RLDP only works if the AP is in Local Mode.

Correct Answer: AD

QUESTION 17

Which of the following statements are not correct about Client Management Frame Protection (MFP)? (Choose 2.)

- A. Client MFP can replace Infrastructure MFP in case only CCXv5 clients are used.
- B. Client MFP encrypts class 3 Unicast management frames using the security mechanisms defined by 802.11i.
- C. In order to use Client MFP the client must support CCXv5 and negotiate WPA2 with AES-CCMP or TKIP.
- D. The only supported method to obtain the pre-user MFP encryption keys is EAP authentication.
- E. CCXv5 client and access points must discard broadcast class 3 management frames.

Correct Answer: AD

QUESTION 18

Corporation XYZ just underwent a third-party security audit. The auditors have required that the corporation implements 802.1x on its wireless network and disable all pre-shared key WLANs as soon as possible. XYZ does not have an internal CA installed to provide server certificates today. However, it wishes to implement an EAP method that requires clients to use server authentication in the future. XYZ also needs an EAP method that will allow both Active Directory user authentication and time-based tokens.

What is the best EAP method for XYZ to implement?

- A. TTLS
- B. PEAP
- C. FAST
- D. TLS

Correct Answer: C

QUESTION 19

Which of the below parameters are used in calculating the range - maximum distance - of an outdoor link between two bridges? Choose two.

- A. The cable length between bridge and the connecting switch.
- B. The bridge transmission power.
- C. The outside temperature.
- D. The modulation type.
- E. The length of the antenna.

Correct Answer: BD

QUESTION 20

When viewed from the side (in the H-plane), how can the radiation pattern of a patch and Yagi antennas be described? (Choose two.)

- A. the patch patterns are egg-shaped.
- B. the patch patterns are conical.
- C. the patch patterns are doughnut-shaped.
- D. the Yagi patterns are conical.
- E. the Yagi patterns are egg-shaped.
- F. the Yagi patterns are doughnut-shaped.

Correct Answer: AD

QUESTION 21

The transmit power level on an 802.11a radio is configured for 25 mW. What is the corresponding value in decibels?

- A. 2.5 dBm
- B. 3 dBm

- C. 14 dBm
- D. 18 dBm
- E. none of the above

Correct Answer: C

QUESTION 22

Users complain about intermittent wireless connectivity issues. You see the following message on your Cisco WCS, corresponding the time the connectivity issues occurred.
AP 'building-1-entrance', interface '802.11b/g' on Controller '10.1.1.2'. Noise threshold violated.
What do you do?

- A. Increase the interference threshold from the default 10%.
- B. Use a spectrum analyzer to discover the noise source.
- C. Check the logs for rogues in the area, and turn on rogue mitigation.
- D. Increase the power of the APs in the entrance hall.

Correct Answer: B

QUESTION 23

Which environmental phenomena can cause considerable degradation to your wireless signals?

- A. multipath, reflection, scattering, refraction
- B. multipath, alpha particles, diversity, absorption
- C. multipath, cosmic radiation, free path loss, scattering
- D. multipath, convergence, refraction, gamma rays

Correct Answer: A

QUESTION 24

You are working for a South American services integrator. Your customer has a working unified Cisco WLC solution in Costa Rica (-A domain). You need to integrate an office in Panama (-N domain); correct APs are already deployed for this domain. Which approach do you take?

- A. Do nothing. These APs will work on the same Cisco WLC because the countries are neighbors.
- B. Change the APs in the Panama office to AIR-CAP3502E-N-K9, which have external antennae.
- C. Use the config domain add -N command on the Cisco WLC.
- D. Add the country code for Panama (PA) through the Cisco WLC web GUI.

Correct Answer: D

QUESTION 25

Which role does the Wi-Fi Alliance fulfill regarding WLANs?

- A. creates global interoperability for wireless channels and spectrum
- B. maintains and creates the protocol standards by which wireless devices work
- C. ensures that wireless products that are available to consumers provide the features that the products claim to have
- D. creates strict regulations

Correct Answer: C

QUESTION 26

One of your customers is thinking of deploying wireless in a building. Which two items should you establish in a pre-site survey? (Choose two.)

- A. the exact channels that should be used
- B. the agreed coverage areas for the design
- C. the access security arrangements for getting into the building
- D. the type of deployment (data-only service, voice service, or location services)
- E. sources of RF interference

Correct Answer: BD

QUESTION 27

On AIR-CAP3500 Series APs, which AP mode allows you to intensively analyze the frequency spectrum and detect interferers?

- A. Sniffer
- B. Monitor
- C. SE-Connect
- D. Analyzer
- E. Rogue Detector

Correct Answer: C

QUESTION 28

Your site has already been surveyed at 5 GHz for 802.11n VoWLAN services. Which services can you add safely, without conducting an additional site survey? (Choose two.)

- A. enhanced Layer 2 or Layer 3 security of the WLAN
- B. optional MFP client protection for Cisco Client Extensions Version 5 clients
- C. 802.11n data services on the 2.4 GHz Frequency
- D. 802.11n voice services on the 2.4 GHz Frequency
- E. new services (such as location) on both frequencies

Correct Answer: AB

QUESTION 29

Which type of indoor Cisco AP should you deploy to make use of spatial multiplexing?

- A. AIR-LAP1242AG
- B. AIR-BR1310G
- C. AIR-LAP1131AG
- D. AIR-LAP1252AG
- E. AIR-LAP1524AG

Correct Answer: D

QUESTION 30

You are a wireless network administrator for a company that has installed a network that is based on Cisco WLC and uses Aironet 1140 Series APs. The clients are using the 2.4 GHz band and WPA TKIP for Layer 2 security. The president of the company reads a news article on the benefits of 802.11n and wants to deploy it at the office so that the company can use data rates of up to 150 Mb/s. What should you tell the president?

- A. You need to change your Layer 2 security policy to WPA2 AES to achieve the 300 Mb/s data rate.
- B. You need to purchase different APs because the 1140 Series supports only up to 54 Mb/s.
- C. You need to change the client Layer 2 security to WPA2 TKIP.
- D. You need to change the client Layer 2 security to open.
- E. 802.11n data rates are possible only on 5 GHz.
- F. 802.11n data rates are possible with the current client Layer 2 security, but for a theoretical data rate of 300 Mb/s, you need to use channel bonding, which is not recommended on the 2.4 GHz band.

Correct Answer: A

QUESTION 31

You have been hired to conduct a predeployment indoor wireless site survey. Which item is not needed before starting the project?

- A. a statement of work that details the areas of the facility in which the customer wants to deploy wireless
- B. architecture drawings of the facility
- C. topographical maps
- D. a list of client devices and applications that will use wireless at the facility
- E. Layer 2 security requirements for the WLAN

Correct Answer: C

QUESTION 32

Which regulatory body develops standards for European information and communication technologies?

- A. European Union
- B. European Telecommunications Standards Institute
- C. European Radio and Telecommunications Terminal Equipment Directive
- D. International Organization for Standardization

Correct Answer: B

QUESTION 33

ABC Company end users are reporting voice roaming issues. Which two situations are possible causes? (Choose two.)

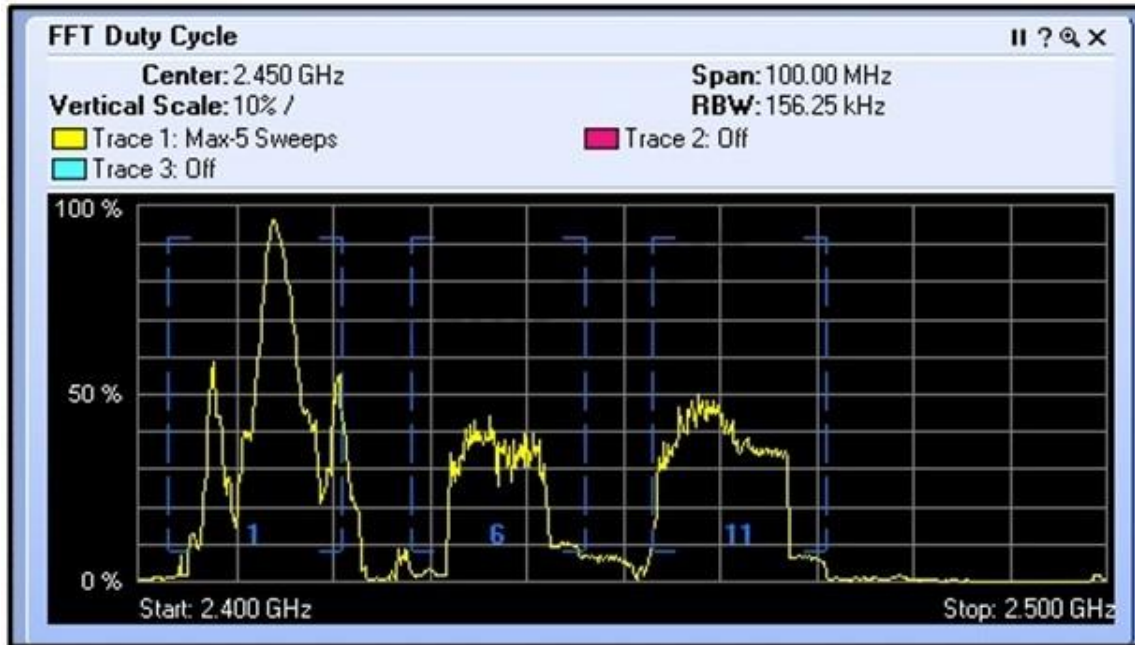
- A. The RF coverage cells have only 10-percent overlap; 15- to 20-percent cell overlap is typically needed for seamless roaming.
- B. The RF coverage is colocated.
- C. There is interference from a 5 GHz DECT-like phone.
- D. The RF coverage cells have only 20-percent overlap; 25- to 30-percent cell overlap is typically needed for seamless roaming.

E. There is interference from the cellular network.

Correct Answer: AC

QUESTION 34

Refer to exhibit. Which type of RF signature does the exhibit illustrate on channel 1?



- A. broadcast probe flood
- B. video camera
- C. Wi-Fi inverted
- D. NULL probe response
- E. none of the above

Correct Answer: B

QUESTION 35

After interviewing the customer to understand its wireless client requirements, you determine that 802.11b must be enabled to support legacy clients within a mixed-mode environment. What recommendation will have the greatest mitigation on the effects of 802.11b clients on the rest of the network?

- A. Restrict the use of OFDM modulation.
- B. Make 11 Mb/s the lowest mandatory rate.
- C. Enable a separate SSID for 802.11b clients.
- D. Enable short preamble.

Correct Answer: B

QUESTION 36

Which of the below devices can cause unintentional RF jamming attacks against an 802.11 wireless network? (Choose two.)

- A. Rogue Access Points
- B. Microwave Oven
- C. Radar
- D. 900 Mhz cordless phones

Correct Answer: BC

QUESTION 37

When conducting a greenfield RF site survey with multiple APs, which information element should be enabled to ensure your site survey software will display the hostname of each AP?

- A. IE 0
- B. IE 1
- C. IE 133
- D. IE 221

Correct Answer: C

QUESTION 38

Corporation XYZ has 25 buildings (with a total of 12000 employees) and would like to implement a single SSID across their entire site. Which feature would be helpful to prevent wireless internet access from 1 of the 25 buildings?

- A. AP groups
- B. AAA override
- C. WLAN override
- D. MAC filtering

Correct Answer: A

QUESTION 39

Which three of these are considered Cisco RF guidelines for a proper VoWLAN deployment? (Choose three.)

- A. Cell edge should be -67 dBm with 20 to 30 percent overlap.
- B. Channel utilization should be kept under 30 percent.
- C. Noise levels should not exceed -92 dBm.
- D. Packet loss should not exceed 5 percent.
- E. Jitter should be kept at a minimum (less than 300 ms).
- F. 802.11 retransmissions should be less than 20 percent.

Correct Answer: ACF

QUESTION 40

Which IEEE standard allows for the use of multiple 2-MHz communication channels within the 2.4-GHz spectrum?

- A. 802.14
- B. 802.15.4
- C. 802.16.1
- D. 802.18
- E. 802.19

Correct Answer: B

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<u>200-120</u>	<u>200-101</u>	<u>220-802</u>	<u>N10-005</u>	<u>1Z0-052</u>	<u>VCP510</u>	<u>C2180-319</u>
<u>300-206</u>	<u>640-911</u>	<u>BR0-002</u>	<u>SG0-001</u>	<u>1Z0-053</u>	<u>VCP550</u>	<u>C4030-670</u>
<u>300-207</u>	<u>640-916</u>	<u>CAS-001</u>	<u>SG1-001</u>	<u>1Z0-060</u>	<u>VCAC510</u>	<u>C4040-221</u>
<u>300-208</u>	<u>640-864</u>	<u>CLO-001</u>	<u>SK0-003</u>	<u>1Z0-474</u>	<u>VCP5-DCV</u>	<u>RedHat</u>
<u>350-018</u>	<u>642-467</u>	<u>ISS-001</u>	<u>SY0-301</u>	<u>1Z0-482</u>	<u>VCP510PSE</u>	<u>EX200</u>
<u>352-001</u>	<u>642-813</u>	<u>JK0-010</u>	<u>SY0-401</u>	<u>1Z0-485</u>		<u>EX300</u>
<u>400-101</u>	<u>642-832</u>	<u>JK0-801</u>	<u>PK0-003</u>	<u>1Z0-580</u>		
<u>640-461</u>	<u>642-902</u>			<u>1Z0-820</u>		

