

Cisco.300-425.v2022-05-06.q102

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□□□□:	Designing Cisco Enterprise Wireless Networks
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https://www.krdump.com/Cisco.300-425.v2022-05-06.q102.html	

NEW QUESTION: 1

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A. SKC

B. OKC

C. 802.11r

D. CCKM

Answer: D (LEAVE A REPLY)

□□: □□□

NEW QUESTION: 2

□□□ □□ □□□□□□ □□ 6dB ~ 20dB □□□ □□□ □ AP□ □□□ □□□□ □□□?

A. □□□□

B. □□ □□

C. □□ □

D. □□ □□

Answer: (SHOW ANSWER)

Under seat or under desk mounting can provide from 6 dB to 20 dB of attenuation to the cell,

NEW QUESTION: 3

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A. 5GHz. 8dBi □□□□ □□□

B. 2.4GHz. 8dBi □□ □□□

C. 2.4GHz. 14dBi □□□□ □□□

D. 5GHz. 14-DBi □□ □□□

Answer: A (LEAVE A REPLY)

□□

https://www.cisco.com/c/en/us/products/collateral/wireless/aironet-antennas-accessories/product_data_she

NEW QUESTION: 4

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- A. □□ WLC
- B. □□□ AP □□□□ □□□□□ □□ WLC □ □□□ □□□□ □□□□ □
- C. 10□ RTT
- D. WLC □□ □□□□ □□ □□
- E. WLC 7.5 □□ □□

Answer: (SHOW ANSWER)

□□

https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/7-5/High_Availability_DG.html#pgfld

NEW QUESTION: 5

□□□□ PPPoE □□□□□□□ □□□□ □□□ □□□□□□? □□ □□ □□□ □□□□□□.

- A. □□□□□□ □□□□ □□ □□ □□□□□ □□□ □□□□ □□□□□ □□□ □□□ □□□ □□□
- B. □□□□ □□□□ □□□ □□ □□□□□ □□□□□ □□ □□□ PPP □□□□ □□□□□□.
- C. DSL □□□□ □□ □□ □□□ PC□ PPPoE □□□□□□ □□□□□□□ □□□ □□□ □□□□.
- D. L2TP□ □□ VPN □□□□ □□

Answer: C (LEAVE A REPLY)

NEW QUESTION: 6

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- A. □ □□□ □□□□□ □□□ -72dBm □□□□
- B. □□□ □□□ □□□□□ □□ -67dBm □□ □□
- C. □□□ □□□ □□□□□ □□ -72dBm □□ □□
- D. □ □□□ □□□□□ □□□ -67dBm □□□□

Answer: B (LEAVE A REPLY)

□□

✔ The TX power of 17 dBi is 50mW. What you see on your laptop of a -20 dBm is a good signal. Cisco's recomendation for data is a max of -72 dBm and for voice it is -65dBm. You will notice this when you start walking away from your AP. So if you are planning on adding another ap, you would want your coverage to be bordering eithe -72 dBm or -65 dBm.

□□□ -67dBm□ □□ AP□ □□□ □ □□ □□□ □□□□□.

NEW QUESTION: 7

□□□□□ □□ □□□ SSD□ □□ □□□ □□□□ □□□□□ □□□ □□□ □□□□ □□ □□ WLC□□ □□ WLC□ EPING□ □□□□□□. □□□□ □□□□□□□ □□□□□ □□ □□□ □□□ □□□□ □□□□?

- A. UDP □□ 16666
- B. IP □□□□ 97
- C. UDP □□ 97

D. TCP 97

Answer: A ([LEAVE A REPLY](#))

The only special implementation of the WLC in CCKM is that WLCs exchange client PMK via mobility packets, such as UDP 16666.

NEW QUESTION: 8

Which of the following is a special implementation of the WLC in CCKM? (Choose one)

- A. WLCs exchange client PMK via mobility packets, such as UDP 16666.
- B. WLCs exchange client PMK via mobility packets, such as UDP 16666.
- C. WLCs exchange client PMK via mobility packets, such as UDP 16666.
- D. WLCs exchange client PMK via mobility packets, such as UDP 16666.

Answer: C ([LEAVE A REPLY](#))

00:00

NEW QUESTION: 9

Which of the following is a special implementation of the WLC in CCKM? (Choose one)

- A. SKC
- B. OKC
- C. 802.11r
- D. CCKM

Answer: B ([LEAVE A REPLY](#))

Step 2 Enable sticky key caching by entering this command:

```
config wlan security wpa wpa2 cache sticky enable wlan_id
```

By default, SKC is disabled and opportunistic key caching (OKC) is enabled.

NEW QUESTION: 10

Which of the following is a special implementation of the WLC in CCKM? (Choose one)

- A. SKC
- B. OKC
- C. 802.11r
- D. CCKM

Answer: ([SHOW ANSWER](#))

Step 2 Enable sticky key caching by entering this command:

```
config wlan security wpa wpa2 cache sticky enable wlan_id
```

By default, SKC is disabled and opportunistic key caching (OKC) is enabled.

An extension of this technique is known as OKC (Opportunistic Key Caching), a method not defined in 802.11i but necessary to enable optimized roaming at layer 2 for client devices moving between APs. Using OKC, all APs on the same layer 2 network will receive a copy of a client's PMK ID, enabling client devices authenticated via 802.1X to authenticate with decreased latency whilst roaming. In this fashion, even if a client has not been

NEW QUESTION: 11

Which of the following is a consideration when placing an AP?

- A. Avoid placing the AP near metal objects.
- B. Avoid placing the AP near water.
- C. Avoid placing the AP near heat sources.
- D. Avoid placing the AP near power lines.

Answer: B ([LEAVE A REPLY](#))

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

NEW QUESTION: 12

Which of the following is a consideration when configuring a LAG? (3 correct answers.)

- A. LAGs can be configured on interfaces of different speeds.
- B. LAGs can be configured on interfaces of different types.
- C. LAGs can be configured on interfaces of different VLANs.
- D. LAGs can be configured on interfaces of different protocols.
- E. LAGs can be configured on interfaces of different MTUs.
- F. LAGs can be configured on interfaces of different LAGs.

Answer: A,B,F ([LEAVE A REPLY](#))

CC

<https://community.cisco.com/t5/wireless-mobility-documents/lag-link-aggregation/ta-p/3128669>

NEW QUESTION: 13

Which of the following is a consideration when configuring a WLAN? (3 correct answers.)

CC

Which of the following is a consideration when configuring a WLAN?

- A. WLANs can be configured on interfaces of different speeds.
- B. WLANs can be configured on interfaces of different types.
- C. US WLANs can be configured on interfaces of different MTUs.
- D. WLANs can be configured on interfaces of different LAGs.

Answer: ([SHOW ANSWER](#))

CC

<https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-1/Enterprise-Mobility-8-1-Design-Guide/Enterprise>

NEW QUESTION: 14

Which of the following is a consideration when configuring a WLAN? (3 correct answers.)

- A. WLANs can be configured on interfaces of different speeds.
- B. WLANs can be configured on interfaces of different types.
- C. WLANs can be configured on interfaces of different MTUs.

NEW QUESTION: 18

Which of the following is a Cisco recommendation for the number of 802.11b devices per AP? 4200 is the number of devices per AP for VoIP applications. The number of devices per AP is the number of APs per device?

- A. 4
- B. 5
- C. 6
- D. 7

Answer: A (LEAVE A REPLY)

CC

- Number of 802.11b devices per AP: Cisco recommends that you have no more than 15 to 25

Which of the following is a Cisco recommendation for the number of APs per device? 400 APs per device.

NEW QUESTION: 19

Which of the following is a Cisco recommendation for the number of APs per device? 400 APs per device. The number of APs per device is the number of APs per device?

- A. QoS per device
- B. AVC per device
- C. RF per device
- D. ISE per device

Answer: A (LEAVE A REPLY)

CC: CC CC CC

NEW QUESTION: 20

Which of the following is a Cisco recommendation for the number of APs per device? 400 APs per device. The number of APs per device is the number of APs per device?

- A. 4000 is the number of APs per device.
- B. 4000 802.3af is the number of APs per device.
- C. APs per device is the number of APs per device.
- D. 4000 PoE+ is the number of APs per device.

Answer: B (LEAVE A REPLY)

The AP 3700 with integrated 802.11ac wave-1 radio is designed to run from Power over Ethernet (PoE) sources, local power, or via mid-span or power injector. If the AP 3700 is powered by PoE and the source is 802.3af (15.4 Watts) the AP will come up and fully function in a 3x3:3 mode, for enhanced performance additional power sources such as 802.3at, enhanced PoE, Cisco PoE Injector-4, or local power may be used. With additional power (greater than 15.4W) supplied, the 3700 will shift into the 4x4:3 mode.

The big difference between 802.3af (PoE) and 802.3at (PoE+) is the amount of power delivered over each standard.

NEW QUESTION: 21

Which of the following is a Cisco recommendation for the number of APs per device? 400 APs per device. The number of APs per device is the number of APs per device?

- A. CC
- B. CC
- C. CC
- D. CC

Answer: (SHOW ANSWER)

NEW QUESTION: 22

Which two statements are true about the Cisco WLC and the Cisco ISE? (Choose two.)

- A. SSID is configured on the WLC and the VLAN is configured on the ISE.
- B. FlexConnect is configured on the WLC and the VLAN is configured on the ISE.
- C. The WLC is configured with the AP and the VLAN is configured on the ISE.
- D. SSID is configured on the WLC and the VLAN is configured on the ISE.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 23

Which two statements are true about the Cisco WLC and the Cisco ISE? (Choose two.)

complex configuration on the Cisco WLC and infrastructure

achieves optimal AP join process with src-dst-ip load-balancing

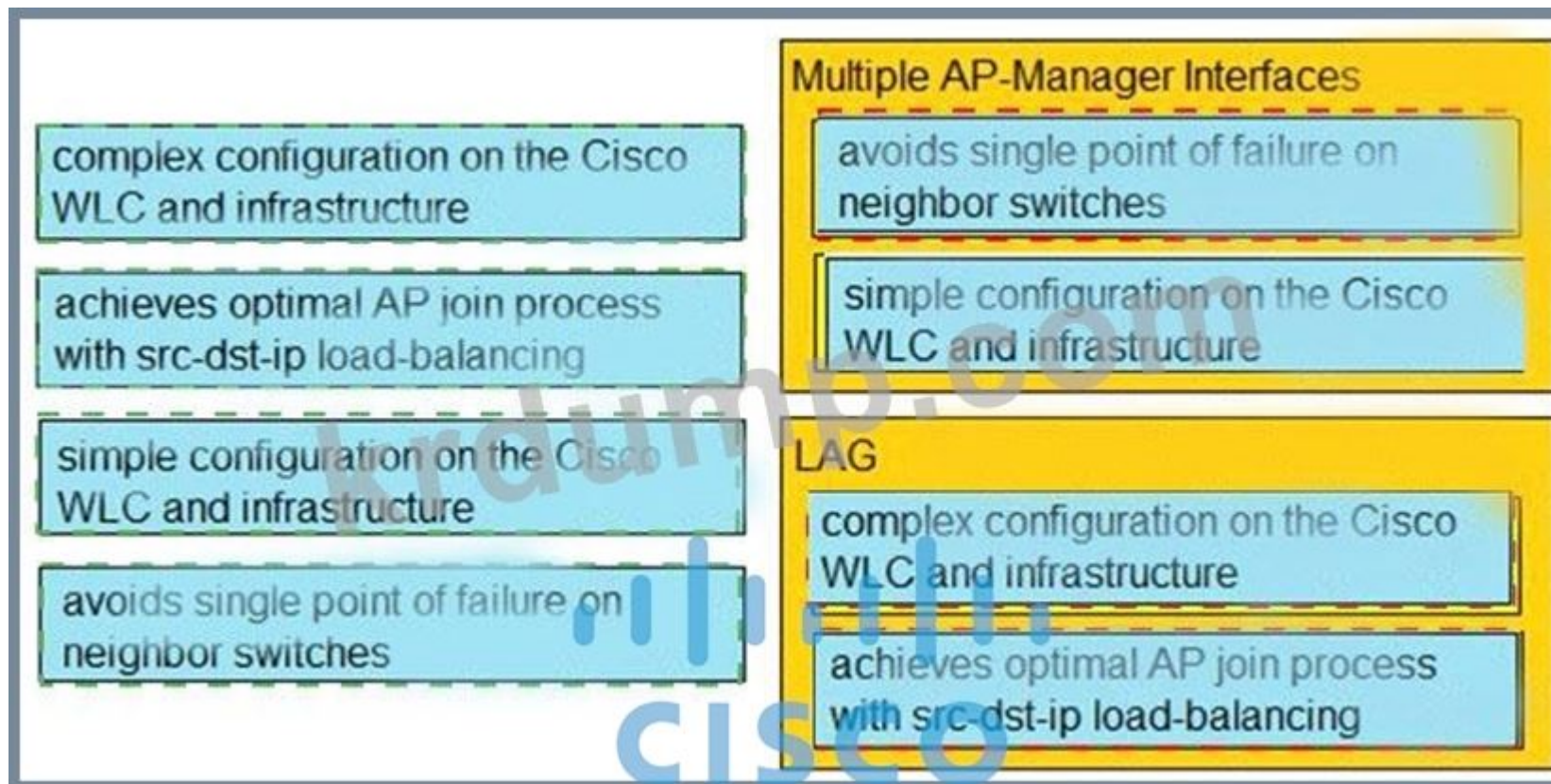
simple configuration on the Cisco WLC and infrastructure

avoids single point of failure on neighbor switches

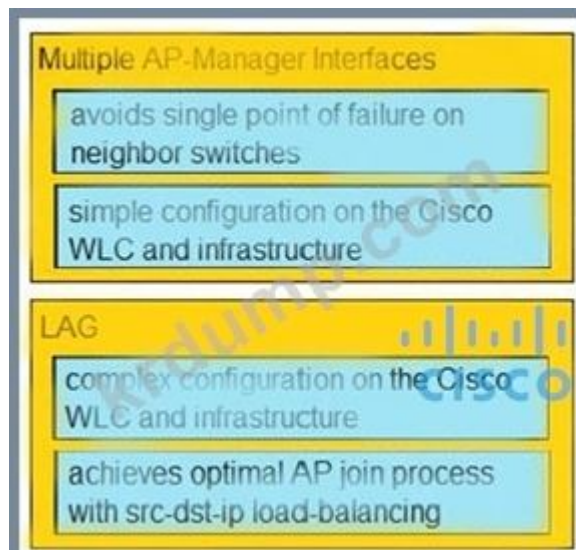
Multiple AP-Manager Interfaces

LAG

Answer:



□□



https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONS

NEW QUESTION: 24

□□□ □□□□ □□□ □□ □□□□□ □□□ □□□ Cisco □□□□ □□□□ □□□□ □□□ □□□ □□□ □□□□ □□□□ □□□□ □□□ □□□□□□. 42□□ □□ □□ □□ □□ □□□□ VoIP □□□ □□□ □□□□. □□ □□□ □□□□ □□ □□□ □□□□□ □ □□ □□□□ □□□□ AP□ □□□□ □□□?

- A. 4
- B. 5
- C. 6
- D. 7

Answer: (SHOW ANSWER)

NEW QUESTION: 25

□□□□□ □□ □□ □□□ □□ □ □□□ □□□□ □□□. □□ Cisco □□ □□ □□□ □□□□ □□□?

- A. 2.4GHz □□□□ □□□□ □□□.
- B. □□ □□□□□ -67dBm□□□ □□□.
- C. 3000□□□□□ □□□ AP□ □□□□ □□□.
- D. □□ □□□□□ 35 RSSI □□□□□ □□□.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 26

□□□□ □□□□□ □□□, □□ □ □□ □□□□ □□□□ □□ □□ □□□□ □□ □□□ □□ □□□□. □□□ □□□□ □□□□□ □□□□□ □□□□ □□ □□□ □□□ □□□ □□□□□?

- A. □□□
- B. □□ □ □□□
- C. □□□
- D. □□ □ □□

Answer: ([SHOW ANSWER](#))

In a location-ready design, it is important to ensure that access points are not solely clustered in the interior and toward the center of floors. Rather, perimeter access points should complement access points located within floor interior areas. In addition, access points should be placed in each of the four corners of the floor, and at any other corners that are encountered along the floor perimeter. These perimeter access points play a vital role in ensuring good location fidelity within the areas they encircle, and in some cases may participate in the provisioning of general voice or data coverage as well.

NEW QUESTION: 27

□□□ □□ Cisco WLC□□ 10□□ □□□ □□□ □□□□□ □□□ □ □□□ □□ Cisco WLC□ □□ □□□□ 5□□ □□□ □□□□ □□ □□ □□ □□ □□□ □□□□ 7□□ □□□ □□□□ □□□ □□ □□ □□ □□□ □□□□□. □□□ □□□□ □□ □□ □□ □□□ □□□□ □□ Cisco WLC□ □□ □□□□□ □□□□□. □□ □□□ □ □□□ □□□□□?

- A. □□ □□□ □□ □□□ □□□□ □□ □□□□□□□.
- B. □□□□ □□ □□□ □□□□ □□□□□.
- C. □□ □□ □□ □□□ □□□ □□ □□ □□□□□□□.
- D. □□□□ □□ □□□ □□□□□ □□□□□.

Answer: A ([LEAVE A REPLY](#))

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2016/pdf/BRKCOL-2275.pdf>

NEW QUESTION: 28

Metageek Chanalyzer□ □□□ □ □□ Wi-Fi□ □□ □□□□ □□□□□?

- A. PDA
- B. □□ □□
- C. □□□□
- D. □□□

Answer: ([SHOW ANSWER](#))

□□

<https://www.metageek.com/training/resources/wifi-and-non-wifi-interference>

A jamming transmitter creates constant noise across each frequency. These are used in a denial-of-service attack, and will prevent other wireless technologies from fully operating.

NEW QUESTION: 29

Which two statements are true about the Cisco Catalyst 3850 switch? (2 correct answers.)

- A. It supports 10Gb Ethernet.
- B. It supports 1Gb Ethernet.
- C. It supports 100Gb Ethernet.
- D. It supports 10Gb Ethernet.
- E. It supports 100Gb Ethernet.

Answer: (SHOW ANSWER)

Correct: 100% 100%

NEW QUESTION: 30

Which two statements are true about the Cisco Catalyst 3850 switch? (2 correct answers.)

- A. It supports 10Gb Ethernet.
- B. AES
- C. WEP
- D. 3DES

Answer: B (LEAVE A REPLY)

In a Cisco wireless backhaul network, traffic can be bridged between MAPs and RAPs. This traffic can be from wired devices that are being bridged by the wireless mesh or CAPWAP traffic from the mesh access points. This traffic is always AES encrypted when it crosses a wireless mesh link such as a wireless backhaul.

NEW QUESTION: 31

Which two statements are true about the Cisco Catalyst 3850 switch? (2 correct answers.)

- A. It supports 10Gb Ethernet.
- B. It supports 10Gb Ethernet.
- C. It supports 100Gb Ethernet.
- D. XG SFP
- E. It supports 100Gb Ethernet.

Answer: (SHOW ANSWER)

Correct: 100% 100%

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NEW QUESTION: 32

Which two statements are true about the Cisco Catalyst 3850 switch? (2 correct answers.)

- A. It supports 10Gb Ethernet.

- B. 100 100 100
- C. 1 100 100
- D. 1000 100

Answer: (SHOW ANSWER)

NEW QUESTION: 33

Which of the following is a valid configuration for a Cisco Wireless LAN Controller (WLC) to enable a user to connect to the WLC using a web browser? (Choose two.)

- A. RX SOP
- B. 802.11w
- C. AP 1000 100 100
- D. 1000000 100 100

Answer: A (LEAVE A REPLY)

https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-5/configguide/b_cg85/advanced_wireless_tuning.html

NEW QUESTION: 34

Which of the following is a valid configuration for a Cisco Wireless LAN Controller (WLC) to enable a user to connect to the WLC using a web browser? (Choose two.)

- A. QoS 1000
- B. AVC 1000
- C. RF 1000
- D. ISE 1000

Answer: (SHOW ANSWER)

Information About RF Profiles

RF Profiles allows you to tune groups of APs that share a common coverage zone together and selectively change how RRM will operate the APs within that coverage zone.

For example, a university might deploy a high density of APs in an area where a high number of users will congregate or meet. This situation requires that you manipulate both data rates and power to address the cell density while managing the co-channel interference. In adjacent areas, normal coverage is provided and such manipulation would result in a loss of coverage.

NEW QUESTION: 35

Which of the following is a valid configuration for a Cisco Wireless LAN Controller (WLC) to enable a user to connect to the WLC using a web browser? (Choose two.)

- A. 1000 100 1000 AP 1000 100000.
- B. 1000 1000 1000 10000 AP 1 100000 1000 10000.
- C. 10000 100000 AP DoS 1000 100000.
- D. 1000 10000 100 AP 100000.
- E. 10 10000 10 AP 100000.
- F. 10000 1000 AP 100000.

Answer: A,B,F (LEAVE A REPLY)

100: 100 1000 100

NEW QUESTION: 36

A. 4
B. 5
C. 6
D. 7

11

- □ AP□□ 25□□ □□□□□□ □□□□. □□ 4□□ AP□ □□□□□.

Name Prefix

AP

Add APs

Automatic

AP Type

AP3700I

Enable 11n Support

☐

802.11a/n/ac Antenna

Internal-3700-5GHz

802.11b/g/n Antenna

Internal-3700-2.4GHz

Protocol

802.11a/n/ac/b/g/n

Throughput

802.11a/n/ac

15-18

802.11b/g/n

6

Services:

☒ Advanced Options

☒ Data/Coverage

Safety Margin

Aggressive

☒ Voice

Safety Margin

Aggressive

☒ Location

☐ Location with Monitor Mode APs

☐ Demand

☐ Override Coverage Per AP

Per AP Area0 (sq feet)

Total Coverage Area

179312 (sq feet)

Calculate

Recommended AP Count

74

Data/Coverage

48

Voice

48

Location

59

Location with Monitor

Mode APs

Demand

Floor Type: Cubes and Walled Offices

Add APs Automatically:

Realize and move the rectangle using the mouse over the desired coverage area, then specify placement criteria. Click "Calculate" to determine the number of APs recommended by NCS. If you are satisfied with the result, press "Apply". APs will be created and automatically positioned on the map.

A. Cisco Prime Infrastructure □ □□ □□ □□□ □□□□□.

B. □□□ □□□□ □□□ □□ □□□ □□□ □□ □□□□ AP □□□ □□□□□.

- Answer: A,D (LEAVE A REPLY)**

Client A entry moved to new WLC

Client A: MAC, IP Address, AP, QoS, Security, ...

WLC1 Client Database

WLC2 Client Database

VLAN X

Data Traffic Bridged From/To VLAN X

WLC1

WLC2

IPv4 or IPv6 Network

CAPWAP Tunnel

AP1

AP2

Pre-Roam Data Path

Post-Roam Data Path

Client A

Client A roams from AP1 to AP2

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- C. 802.11a □□□□□ UNII-2 □□ □□□ □□□□□ □□□ □□□□□.
- D. □□□□□□ □□ □□ □□ RSSI □□□□□ □□ RSSI□ □□□□ □□□ □□□□□.
- E. □□□□□□ □□ □□□ □□□□□ □□□□□□.
- F. WLAN□ 802.11a□ □□□□□ □□□ □□□□□.

Answer: C,D,E ([LEAVE A REPLY](#))

□□: □□ □ □□ □□□

NEW QUESTION: 43

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- A. □□□□ □□□ □□□ □□□□ -87dBm□ □□□□ □□□ □□□.
- B. □□□□□ □□□□ □□ -67dBm RSSI□ □□□ □□□.
- C. □□□□□ □□□ □□□ 15% □□□□ □□□.
- D. □□□□□ □□□ □□□ 20% □□□□ □□□.
- E. □□□□□ □□□□ -65dBm RSSI □□□ □□□ □□□.

Answer: B,C ([LEAVE A REPLY](#))

1. The optimal VoWLAN Cell Edge recommendation is -67 dBm.
5. Retransmissions should be kept under 20 percent.

NEW QUESTION: 44

2□□ cisco 5520 □□ LAN □□□□□ □□□□ □□□ □□ □□□ □□□□ □□□□□. WLC□ □□□ □□□□ □□□□ □□ □□ □□ □□□ □□□□. □□□ □□□ □ WLC□ □□□□□□ □ □□□□ □□□□ UP □□□□□. □□ A□ Ap□ □□□□ A□ □□□□ □□□□ □□□□ B□ □□□ □□□□□ □□□□ □□□□□. □□ A□ WLC□ □□□□□ □□ □□. Ap□ □□ □□□ □ WLC□ □□□□□ □□□□□ □□ □□□ □□□□□ □□ □□□□ □□□□□. □□ □□ □□□ □□□ □□□□□?

- A. WLC□□ □□□□□ AP □□□ □□□□□□.
- B. □□ □□ A □□□ □□□□□ CAPWAP AP □□□□ IP □□ □□□ □□□□ □□ A□ WLC□ □□□□ □□□□□.
- C. AP Failover Priority□ critical□ □□□□□.
- D. DHCP □□ 43□ □□□□ □□ A□ WLC□ □□□□ □□□□□.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 45

□□ □□□□□ Cisco IP □□□□□ □□□□□ □□□ □□ Cisco Prime□ □□ □□ □□□ □□□□ □□□□. □□□□□ □□□□ dBm □□□ □□□□□?

- A. -78 ~ -65dBm
- B. -72 ~ -67dBm
- C. -85 ~ -65dBm
- D. -85 ~ -67dBm

Answer: D ([LEAVE A REPLY](#))

Default voice minimum RSSI is -75 dBm. but cisco reccomend to get RSSI better than -67 dBm.

https://www.cisco.com/c/en/us/td/docs/net_mgmt/prime/infrastructure/34/user/guide/bk_CiscoPrimeInfrastructure_3_4_0_UserGuide/bk_CiscoPrimeInfrastructure_3_4_0_UserGuide_chapter_01010.html
□ □□ □□ IP□ -670.html□□□.

NEW QUESTION: 46

Which of the following is the most important factor to consider when designing a wireless network for a large enterprise?

- A. RF channel planning
- B. Network security
- C. Network scalability
- D. RF channel planning

Answer: (SHOW ANSWER)

CC

With the proliferation of clients with varying wireless capabilities, it is important to survey for the 'worst' clients in order to ensure a consistent experience across all your clients once your wireless network is in production.

https://documentation.meraki.com/MR/WiFi_Basics_and_Best_Practices/Conducting_Site_Surveys_with_MR_A

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NEW QUESTION: 47

Which of the following is the most important factor to consider when designing a wireless network for a large enterprise?

- A. Network security
- B. Network scalability
- C. Network scalability
- D. Network security

Answer: D (LEAVE A REPLY)

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2016/pdf/BRKCOL-2275.pdf>

NEW QUESTION: 48

Which of the following is the most important factor to consider when designing a wireless network for a large enterprise?

- A. FT
- B. FT
- C. PMF
- D. GTK-AP

Answer: (SHOW ANSWER)

802.11r, which is the IEEE standard for fast roaming, introduces a new concept of roaming where the initial handshake with the new AP is done even before the client roams to the target AP, which is called Fast Transition (FT). The initial handshake allows the client and APs to do the Pairwise Transient Key (PTK) calculation in advance. These PTK keys are applied to the client and AP after the client does the reassociation request or response exchange with new target AP.

NEW QUESTION: 49

Which of the following is the most important factor to consider when designing a wireless network for a large enterprise?

NEW QUESTION: 52

Which of the following is a symmetric encryption algorithm?

- A. RSA
- B. AES
- C. WEP
- D. 3DES

Answer: B (LEAVE A REPLY)

Explanation: AES is a symmetric encryption algorithm.

NEW QUESTION: 53

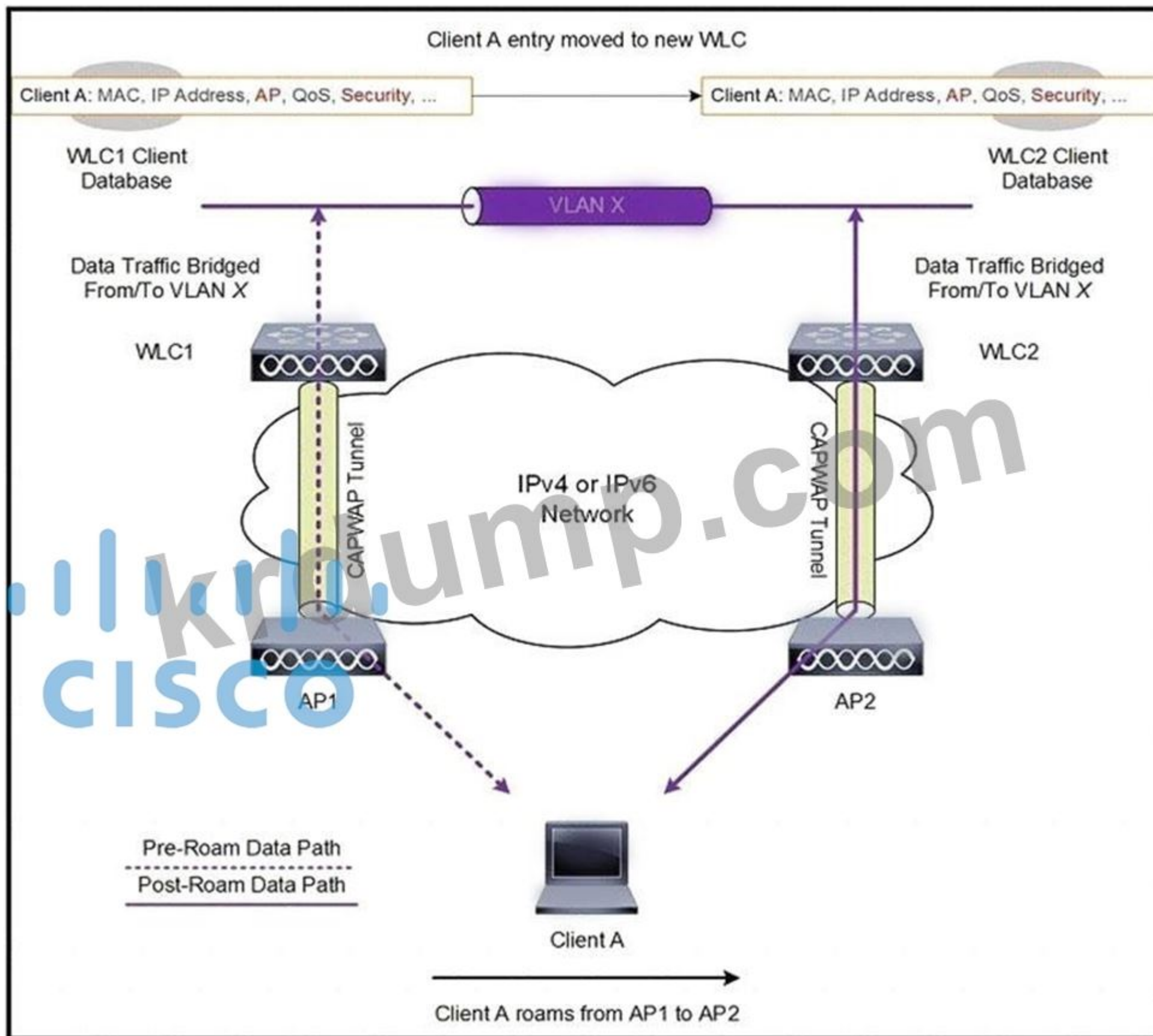
Which of the following is a valid IP address for a host on a network with a 10.0.0.0/24 subnet mask?

- A. 10.0.0.3
- B. 10.0.0.1
- C. 10.0.0.255
- D. 10.0.0.2

Answer: C (LEAVE A REPLY)

NEW QUESTION: 54

Which of the following is a valid IP address for a host on a network with a 10.0.0.0/24 subnet mask?



□□□□□ □ □□ □□ □□ □□□□ □□□ □ □□ AP □□□ □□□□, □ □□□□□ □□□□□ □□□□ □□□□□ □□□□. □ □□□□ □□ AireOS□ □□□□ □□□□. □□□ □□ □□ □□□ □□□□ □□□□□ □□□□□?

- A. □□□□□ UDP □□ 16666□ □□ □□□ □□ □□□□ □□□□□ □□□□□ □□□ □□ □□□□□ □ □□□□□ □□□□□.
- B. □□□□□ □□□ □□ □□□(UDP □□ 16666□ □□)□ □□□□ □□□ □□□□□ □□□□□□, □□□ □□ □□□□□□ □ □□□□□ □□□□ □□□□.
- C. □□□□□ UDP □□ 16666□ □□ □□□ □□ □□□□ □□□□ □ □□□□□ □□ □ □□□□□ □□□ □□□□□.

- Use cables that are resistive to bend loss if excessive bending of cables cannot be prevented due to installation constraints.
- Avoid mounting the cabling components in places that block accessibility to other equipment (such as a power strip or fans) in and out of the racks.

NEW QUESTION: 57

□ □□□ □□□□□□ □□□ □□□ □ □□□ □□□ □□□□□ □□□□□. □□□□□ □□ □□□ □□□□□?

- A. WLC□ □□□ □□□ □□□□ □□□ □□ □□□□□, □□ WLC□ □□ □□□□ □□□ □□□ □□□□ □□□ □□□□□.
- B. WLC□ □□□ □□□ □□□□ □□ □□ □□ □□□□□. □□□ □□□ □□□□□□ □□ □□□□ □□□ □□□□ □□□□ □□ AP □□ □□□ □□□□□.
- C. □□□ □□□ □□□□□□ □□ □□□□ □□□ □□□□ □□□ WLC□ □□□ □□□ □□□□ □□ □□ □□□□ □□ AP □□ □□□ □□□□ □□□□.
- D. WLC□ □□ □□□□ □□ □□□ □□□ □□□□ □□ □□□ □□□□. □□□ □□□ □□□□□□ □□ □□□□ □□□ □□□□ □□□□ □□ AP □□ □□□ □□□□□.

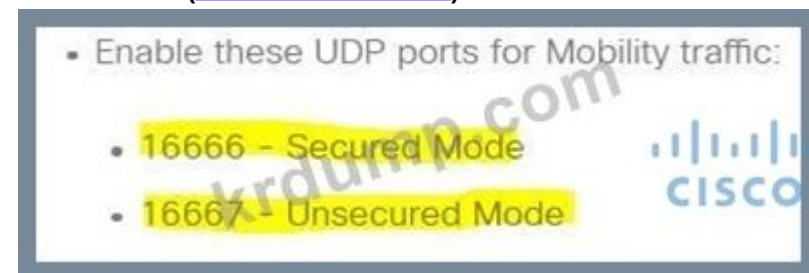
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 58

AireOS □□ □□□□ □□□ □□ □□□ □□□□ UDP □□ □□□ □□□□□?

- A. □□ □□□ UDP 16666, □□□ □□□ EoIP(IP □□□□ 97)
- B. □□ □□□ UDP 16668, □□□ □□□ UDP 16667
- C. □□ □□□ UDP 16667, □□□ □□□ UDP 16666
- D. □□ □□□ UDP 16666, □□□ □□□ UDP 16667

Answer: D ([LEAVE A REPLY](#))



NEW QUESTION: 59

□□□ □□□□□.

Centralized – Works across APs and WLCs in the same Mobility group

NEW QUESTION: 65

Which of the following is the recommended maximum transmit power for a Cisco Aironet 1242G-MR access point in a mobility group?

- A. 17 dBm
- B. 17 dBi
- C. 17 dBm
- D. 17 dBi

Answer: B (LEAVE A REPLY)

00

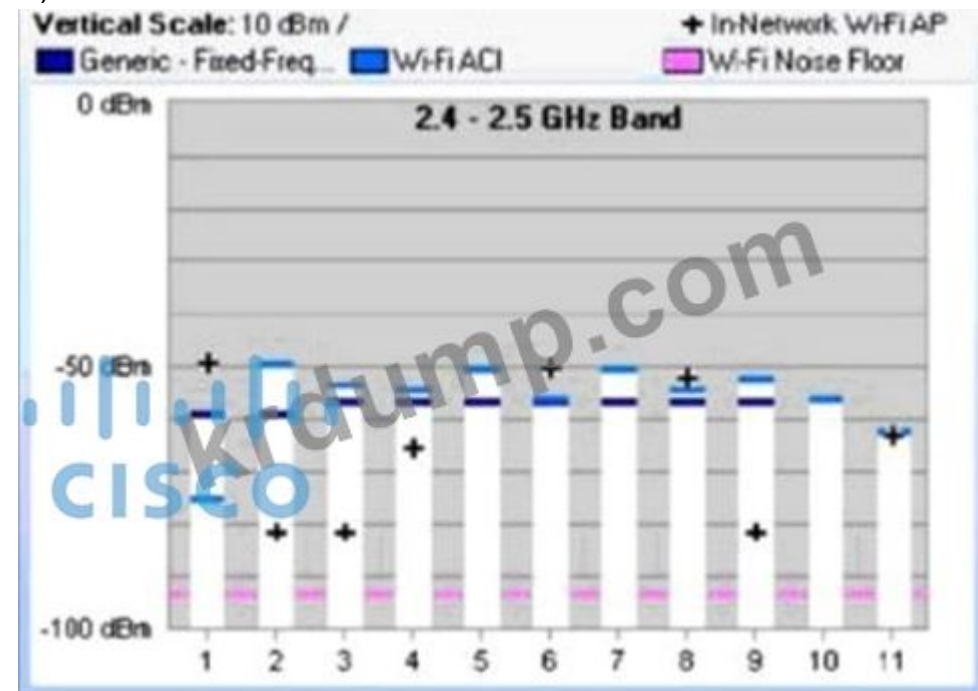
✓ The TX power of 17 dBi is 50mW. What you see on your laptop of a -20 dBm is a good signal. Cisco's recommendation for data is a max of -72 dBm and for voice it is -65dBm. You will notice this when you start walking away from your AP. So if you are planning on adding another ap, you would want your coverage to be bordering either -72 dBm or -65 dBm.

000 -67dBm 000 AP 000 0 00 000 000000.

NEW QUESTION: 66

2.4GHz channel 11 is the best channel for a Cisco Aironet 1242G-MR access point in a mobility group. Which of the following is the recommended maximum transmit power for a Cisco Aironet 1242G-MR access point in a mobility group?

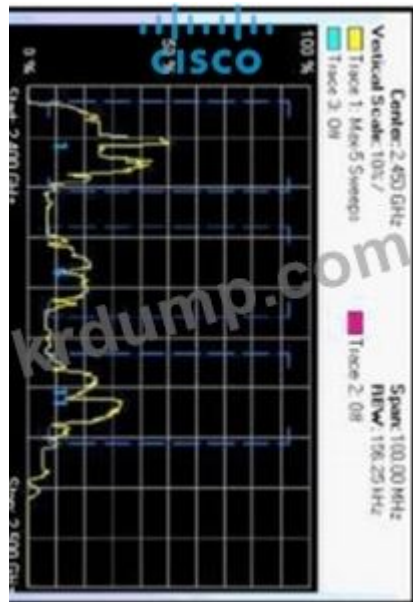
A)



B)



C)



- A. ☐ ☐ A
- B. ☐ ☐ D
- C. ☐ ☐ B
- D. ☐ ☐ C

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 67

Which of the following is a valid 2.4 GHz RF channel? (20 points)

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: ([SHOW ANSWER](#))

1

<https://www.ciscopress.com/articles/article.asp?p=2351131&seqNum=2>

NEW QUESTION: 68

Which 802.11 standard is used for Fast Transition (FT) Roaming? (Select two.)

- A. 802.11i
- B. 802.11ac
- C. 802.11r
- D. 802.11e

Answer: C (LEAVE A REPLY)

The 802.11r Fast Transition (FT) Roaming is an amendment to the 802.11 IEEE standards.

NEW QUESTION: 69

Add APs

Name Prefix: AP_

Add APs: Automatic

AP Type: AP3700i

Enable 11n Support: ☐

802.11a/n/ac Antenna: Internal-3700-5GHz

802.11b/g/n Antenna: Internal-3700-2.4GHz

Protocol: 802.11a/n/ac,b/g/n

Optimize for High Throughput: ☐

Throughput (MB/s): 802.11a/n/ac: 15-18, 802.11b/g/n: 6

Services: ☒ Advanced Options

☒ Data/Coverage

Safety Margin: Aggressive

☒ Voice

Safety Margin: Aggressive

☒ Location

☐ Location with Monitor Mode APs

☐ Demand

☐ Override Coverage Per AP

Per AP Area: (sq feet)

Total Coverage Area: 179312 (sq feet)

Calculate

Recommended AP Count: 74

Data/Coverage: 48

Voice: 48

Location: 59

Location with Monitor Mode APs: 0

Floor Type: Cubes And Walled Offices

Add APs Automatically: Resize and move the rectangle using the mouse over the desired coverage area, then specify placement criteria. Click "Calculate" to determine the number of APs recommended by NCS. If you are satisfied with the result, press "Apply". APs will be created and automatically positioned on the map.



Which two Cisco Prime Infrastructure features are used for AP placement? (Select two.)

- A. AP placement tool
- B. AP placement tool
- C. Cisco Prime Infrastructure AP placement tool
- D. AP placement tool
- E. Cisco Prime Infrastructure AP placement tool

Answer: (SHOW ANSWER)

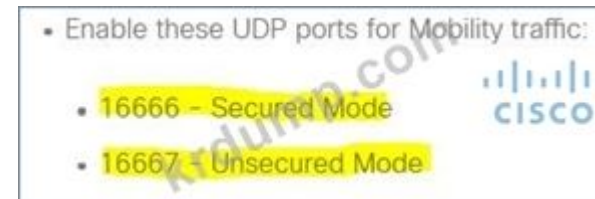
AP: AP AP AP AP

NEW QUESTION: 70

AireOS ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ UDP ☐ ☐ ☐ ☐ ☐ ☐?

- A. ☐ ☐ ☐ UDP 16666, ☐ ☐ ☐ EoIP(IP ☐ ☐ ☐ 97)
- B. ☐ ☐ ☐ UDP 16668, ☐ ☐ ☐ UDP 16667
- C. ☐ ☐ ☐ UDP 16667, ☐ ☐ ☐ UDP 16666
- D. ☐ ☐ ☐ UDP 16666, ☐ ☐ ☐ UDP 16667

Answer: D ([LEAVE A REPLY](#))



NEW QUESTION: 71

☐ ☐ ☐ ☐ ☐ Cisco 5508 Wireless LAN Controller ☐ ☐ ☐ ☐ ☐ SSO ☐ ☐ ☐ ☐ ☐. ☐ ☐ ☐ ☐ WLC ☐ ☐ ☐ ☐ ☐ WLC ☐ ☐ ☐ ☐ ☐ ☐. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐? (2 ☐ ☐ ☐ ☐.)

- A. ☐ ☐ ☐ ☐
- B. ☐ WLC ☐ ☐ ☐ ☐ ☐ ☐ ☐ SSH
- C. ☐ ☐ ☐ ☐ ☐ ☐ ☐ SSH
- D. ☐ WLC ☐ ☐ ☐ ☐ ☐ ☐ ☐ SSH
- E. ☐ WLC ☐ ☐ ☐ ☐ ☐ ☐ ☐ SSH

Answer: A,C ([LEAVE A REPLY](#))



NEW QUESTION: 72

☐ ☐ ☐ ☐ ☐.

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NEW QUESTION: 77

Which of the following is a valid IP address for a mesh access point?

- A. 10.10.10.10
- B. 10.10.10.10
- C. 10.10.10.10
- D. 10.10.10.10

Answer: D ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/config-guide/b_wl_16_10_cg/mesh-access-points.html

NEW QUESTION: 78

Which of the following is a valid IP address for a mesh access point?

- A. 802.11i
- B. 802.11ac
- C. 802.11r
- D. 802.11e

Answer: C ([LEAVE A REPLY](#))

The 802.11r Fast Transition (FT) Roaming is an amendment to the 802.11 IEEE standards.

NEW QUESTION: 79

Which of the following is a valid IP address for a mesh access point?

- A. 10.10.10.10
- B. 10.10.10.10
- C. 10.10.10.10
- D. 10.10.10.10

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

Which of the following is a valid IP address for a mesh access point? (200 points)

- A. 802.11ac
- B. 802.11ac

- C. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- D. 802.11r ☐ ☐ ☐ ☐ ☐
- E. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Answer: C,E ([LEAVE A REPLY](#))

Site surveys are one of the basic requirements when you deploy a WLAN, and you must always consider the Wi-Fi capabilities of the client devices or endpoints. Most smartphones and tablets support 802.11. However, generally, the smartphones and tablets have fewer antennas and lower data rates than laptops. In addition, most are not purpose-built for the enterprise WLAN market. Almost all smartphones and tablets support enterprise security policies. However, many of them do not support

NEW QUESTION: 81

Which two statements are true about the Cisco Mobility Services Engine (MSE)? (Choose two.)
A. MSE is a standalone appliance that can be deployed on-premise or in the cloud.
B. MSE is a software-based solution that can be deployed on a virtual machine or as a container.
C. MSE is a hardware-based solution that can be deployed on a physical appliance.
D. MSE is a software-based solution that can be deployed on a physical appliance.
E. MSE is a hardware-based solution that can be deployed on a virtual machine or as a container.

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

Answer: D ([LEAVE A REPLY](#))

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.

NEW QUESTION: 82

Which two statements are true about the Cisco Mobility Services Engine (MSE)? (Choose two.)

- A. ☐ ☐
- B. RRM
- C. Cisco ☐ ☐ ☐ ☐
- D. ☐ ☐

Answer: ([SHOW ANSWER](#))

Band Select will impact the initial scan, steering clients towards 5 GHz

NEW QUESTION: 83

Which two statements are true about the Cisco Mobility Services Engine (MSE)? (Choose two.)

- A. ☐ ☐
- B. ☐
- C. ☐
- D. ☐
- E. ☐ ☐

Answer: A,D ([LEAVE A REPLY](#))

☐

<https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/116057-site-survey-guidel>

NEW QUESTION: 84

☐ ☐ ☐ ☐ ☐ ☐.

- B. 4000 APs can be supported by a single WLC in HA mode. The WLCs must be connected to the same switch and the switch must be connected to the Internet.
- C. 4000 APs can be supported by a single WLC in HA mode. The WLCs must be connected to the same switch and the switch must be connected to the Internet.
- D. 1000 APs can be supported by a single WLC in HA mode. The WLCs must be connected to the same switch and the switch must be connected to the Internet.

Answer: B ([LEAVE A REPLY](#))

N+1 Redundancy

AP Failover Priority

- Assign priorities to APs: Critical, High, Medium, Low
- Critical priority APs get precedence over all other APs when joining a controller
- In a failover situation, a higher priority AP will be allowed to join ahead of all other APs

NEW QUESTION: 86

Which command is used to configure Stateful Switchover on a WLC?

- A. `stateful switchover enable`
- B. `stateful switchover on`
- C. `stateful switchover off`
- D. `stateful switchover disable`

Answer: (SHOW ANSWER)

Both the WLCs in HA setup keep track of gateway reachability. The Active WLC sends an Internet Control Message Protocol (ICMP) ping to the gateway using the Management IP address as the source.

NEW QUESTION: 87

Cisco WLCs support RF profiles for RRM. Which Cisco WLC RF profile is used for 802.11n APs?

- A. 2000 WLC 4000 AP
- B. 2000 WLC 1000 AP
- C. 2000 WLC 3000 AP
- D. 2000 WLC 6000 AP

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 88

Which Cisco WLC RF profile is used for 802.11n APs? 5000 WLC RF profile is used for 802.11n APs. 7000 WLC RF profile is used for 802.11n APs.

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NEW QUESTION: 92

在 TPC 中，-65dBm 的功率水平表示什么？

A. 功率水平

B. 功率水平

C. 功率水平

D. 功率水平

Answer: C (LEAVE A REPLY)

NEW QUESTION: 93

在 NTP 中，哪个选项表示时间？(2 个选项)

A. NTP 时间

B. NTP 时间

C. NTP 时间

D. NTP 时间

E. NTP 时间

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 94

在 VLAN 中，哪个选项表示 VLAN？

A. WLC

B. RF

C. AP

D. 功率水平

Answer: (SHOW ANSWER)

- AP groups give the ability to statically map Wi-Fi service (WLAN) to VLAN based on physical location
- Users see the same Wi-Fi service on all sites.
- Admin can monitor and filter based on different IP@ each site
- Can also be used to have smaller Wi-Fi subnets

NEW QUESTION: 95

Which IEEE standard defines the 802.11k, 802.11r, and 802.11v amendments to the 802.11 standard? (Choose one)

- A. 802.11w
- B. 802.11k
- C. 802.11r
- D. 802.11i

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 96

Which command shows the spanning-tree consistency ports for FastEthernet 0/1 and FastEthernet 0/2? (Choose one)

```
SW1# show spanning-tree inconsistentports
```

Name	Interface	Inconsistency
VLAN0001	FastEthernet0/1	Root Inconsistent
VLAN0001	FastEthernet0/2	Root Inconsistent

Number of inconsistent ports (segments) in the system : 2

- A. spanning-tree bpduguard enable
- B. spanning-tree bpduguard disable
- C. spanning-tree bpdufilter enable
- D. spanning-tree bpdufilter disable
- E. spanning-tree bpduguard enable
- F. spanning-tree bpduguard disable

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 97

Which two methods can be used to configure Cisco Hyperlocation on an AP4800? (Choose two.)

- A. Cisco FastLocate
- B. Cisco CMX
- C. Cisco FastLocate
- D. Cisco CMX SDK

Answer: ([SHOW ANSWER](#))

https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/8-8/b_ap_4800_hyperlocation_deployment_guide.html

NEW QUESTION: 98

Which two features are supported by the IEEE 802.11ac Wave 2 standard? (Choose two.)

- A. 55mW transmit power
- B. CAT-7E cabling
- C. 100m transmit power
- D. mGig
- E. 10G Ethernet

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 99

Which two protocols are used to configure a WLAN? (Choose two.)

- A. UDP 16666
- B. UDP 97
- C. TCP 97
- D. TCP 16666

Answer: ([SHOW ANSWER](#))

- UDP 16666 for tunnel control traffic
- IP Protocol 97 for user data traffic
- UDP 161 and 162 for SNMP

NEW QUESTION: 100

Metageek Chanalyzer can be used to analyze which type of network traffic?

- A. PDA
- B. Wi-Fi
- C. Ethernet
- D. Bluetooth

Answer: B ([LEAVE A REPLY](#))

