



Cisco

Exam 300-360

Designing Cisco Wireless Enterprise Networks

Version: 7.1

[Total Questions: 60]

Question No : 1

When designing a WLAN, AP placement is important. Which option describes how to rank the density of APs needed to support location services versus data and voice services?

- A. Data services have the lowest density of APs compared to location services, which has the highest density.
- B. Data services have a lower density of APs compared to location services, but more than voice.
- C. Voice services have the highest density of APs over location and data services.
- D. Voice and data services require a higher density of APs than location services.

Answer: A

Question No : 2

A network engineer is configuring QoS with a DSCP value of 46. To which queue must the CoS be mapped for priority queuing of the voice frames?

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

Answer: C

Question No : 3

An engineer is preparing for an indoor wireless LAN survey and is provisioning a survey kit. Which three pieces of equipment should be included? (Choose three.)

- A. external connector access point
- B. integrated antenna access point
- C. coax low-loss cable
- D. battery operated power supply
- E. range finder
- F. Yagi antennas

Answer: B,D,E

Question No : 4

What is the optimal distance between APs for location services without considering the physical environment?

- A. 10 to 25 feet
- B. 90 to 120 feet
- C. 50 to 70 feet
- C. 80 to 100 feet

Answer: C

Reference:

<http://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/emob41dg/emob41dg-wrapper/ch13Loca.html>

Question No : 5

An engineer is tuning RRM parameters to improve client connectivity. Which channel band results in the best 802.11n client compatibility?

- A. UNII-2
- B. UNII-2e
- C. UNII-3
- D. UNII
- E. UNII-1

Answer: E

Explanation:

802.11n operates on the same channel as 802.11a. For better compatibility with 802.11n clients, it is recommended to stay on lower channels (UNII-1 band).

Reference: <http://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers/108184config-802-11n-wlc.html>

Question No : 6

When reviewing a design for a voice over wireless deployment, what per-call bandwidth cost should be factored in when determining maximum calls per cell using SIP and G.711u as the codec?

- A. 64 bytes B. 8 bytes
- B. 80 bytes
- C. 10 bytes

Answer: C

Question No : 7

The AP has been configured properly for a VoWLAN survey. The RF environment contains a noise of -87 to -90 dBm. What is the target value for the cell edge reading?

- A. -62 dBm
- B. -67 dBm
- C. -60 dBm
- D. -70 dBm

Answer: B

Question No : 8

A customer is deploying a mesh outdoor wireless network based on FCC standards where spectrum analysis shows significant radar energy propagating throughout the coverage area from a local weather station. Which channel must be excluded from the access points RRM calculation to avoid network disruption due to weather radar activity?

- A. 132
- B. 44
- C. 11
- D. 36

Answer: A

Explanation:

Weather radars operate within the 5600- to 5650-MHz band, which means that channels 124 and 128 might be affected, but also channels 120 and 132 might suffer from weather radar activity.

Reference: http://www.cisco.com/c/en/us/td/docs/wireless/technology/mesh/7-3/design/guide/Mesh/Mesh_chapter_01111.html

Question No : 9

An engineer is deploying an outdoor Mesh network. Which four major factors should be considered? (Choose four.)

- A. power
- B. buildings
- C. traffic lights
- D. satellite dishes
- E. line of sight
- F. network connectivity
- G. power lines
- H. mounting

Answer: A,E,F,H

Question No : 10

An engineer receives a digital image scanned from the floor plans of a facility to be surveyed for wireless survey and imported it into Air Magnet Pro. However, the document contains no scale. Which action can the engineer take to most accurately calibrate the size of the floor plan in Air Magnet?

- A. Mark the length of a hallway, then count the ceiling tiles, multiply that number by 2 and enter that value.
- B. Zoom in and mark across a hallway, then count the floor tiles across that hallway and enter that value.
- C. Zoom in and mark a doorway, then size it at 3 feet because most doorways are 36 inches.
- D. Mark the entire longest dimension of the floorplan, then use Google Earth to measure the corresponding outside dimension and enter that value.

Answer: D

Question No : 11

An engineer installed a 3702 AP and is getting power from the switch. What is the reason for getting 3x3 MIMO instead of 4x4?

- A. 802.1p
- B. 802.3af
- C. 802.11e
- D. 802.3at

Answer: B

Question No : 12

An engineer is determining the signal levels for the wireless cells. Which signal-to-noise ratio is an optimal configuration to achieve?

- A. minimum SNR of -33 dBm
- B. minimum SNR of -25 dBm
- C. minimum SNR of 25 dB
- D. minimum SNR of 33 dB

Answer: C

Explanation:

The minimum recommended wireless signal strength for voice applications is -67 dBm and the minimum SNR is 25 dB.

Reference: <http://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/116057-sitesurvey-guidelines-wlan-00.html>

Question No : 13

Which two types of information must be included in the installation inventory portion of the

post-installation report? (Choose two.)

- A. all AP, controller, and MSE administrator credentials
- B. the names, locations, IP addresses, MAC addresses, etc. for every AP, controller, and MSE in the WLAN
- C. a layout of the rack that the equipment is installed
- D. results of the coverage audit performed with the site survey mapping tool
- E. the number and type of all WLAN clients and tags

Answer: A,B

Question No : 14

A hospital environment was designed to guarantee RF coverage at or better than -67 dBm in the 5 GHz spectrum. The customer mandates that RRM be used for DCA and TPC in both bands. After deployment, why do many of the legacy 802.11b/g devices have difficulty maintaining connectivity?

- A. Excessive co-channel interference in the 2.4 GHz band exists.
- B. Excessive overlapping channels in the 2.4 GHz band exists.
- C. TPC drastically reduces Tx power in the 2.4 GHz band.
- D. TCP drastically increases Tx power in the 2.4 GHz band.

Answer: C

Question No : 15

An engineer must perform a survey where the target client devices range from standard Wi-Fi-equipped laptops, consumer handhelds and tablets, and low power tracking tags limited to 12 mW Tx power. With which setting should the survey AP be configured?

- A. local power 11
- B. local power 5
- C. local power 14
- D. local power 8

Answer: B

Question No : 16

An engineer would like to calibrate the RF environment to improve accuracy. Which wireless attribute is added to the floor-level calculation by calibrating the floor?

- A. attenuation
- B. TX power
- C. multipath
- D. SNR

Answer: A

Question No : 17

What are two advantages of conducting an active survey versus a passive survey when verifying RF coverage?

(Choose two.)

- A. verifies packet loss
- B. verifies roaming
- C. verifies SNR
- D. verifies signal level
- E. verifies interferers

Answer: A,B

Question No : 18

An engineer is assigned to replace an older data-grade autonomous wireless network with a Cisco controllerbased wireless network to meet Voice over WLAN needs. The customer also wants all existing cable infrastructure to be reused and no new cable be specified. How should the engineer respond to the customer's requirements?

- A. Implement the wireless network with the restraints and decrease the TPC neighbor threshold to increase Txpower to provide overlapping cell coverage at sufficient SNR to provide for Voice over WLAN service.
- B. Implement the wireless network with the restraints and utilize high-gain antenna to provide overlapping cellcoverage at sufficient SNR to provide for Voice over WLAN service.
- C. Inform the customer that the network will not likely function as desired and a post install survey with thepossibility of some new cable would be recommended.
- D. Inform the customer that it is not possible to provide coverage and quality for Voice over

WLAN using existing AP locations and an entire overbuild will be necessary.

Answer: C

Question No : 19

Which three options are benefits of U-APSD? (Choose three.)

- A. optimized power-save mode periods
- B. increased call capacity
- C. bandwidth reservation
- D. synchronization of the transmission and reception of voice frames
- E. efficient roaming
- F. priority bandwidth and polling

Answer: A,B,D

Explanation:

Unscheduled automatic power-save delivery (U-APSD) is a feature that has two key benefits:

The primary benefit of U-APSD is that it allows the voice client to synchronize the transmission and reception of voice frames with the AP, thereby allowing the client to go into power-save mode between the transmission/reception of each voice frame tuple. The WLAN client frame transmission in the access categories supporting U-APSD triggers the AP to send any data frames queued for that WLAN client in that AC. A U-APSD client remains listening to the AP until it receives a frame from the AP with an end-of-service period (EOSP) bit set. This tells the client that it can now go back into its power-save mode. This triggering mechanism is considered a more efficient use of client power than the regular listening for beacons method, at a period controlled by the delivery traffic indication map (DTIM) interval, because the latency and jitter requirements of voice are such that a WVoIP client would either not be in power-save mode during a call, resulting in reduced talk times, or would use a short DTIM interval, resulting in reduced standby times. The use of U-APSD allows the use of long DTIM intervals to maximize standby time without sacrificing call quality. The U-APSD feature can be applied individually across access categories, allowing U-APSD can be applied to the voice ACs in the AP, but the other ACs still use the standard power save feature.

The secondary benefit of this feature is increased call capacity. The coupling of transmission buffered data frames from the AP with the triggering data frame from the WLAN client allows the frames from the AP to be sent without the accompanying interframe spacing and random backoff, thereby reducing the contention experience by call.

Microsoft Exams List

70-246 Dump PDF VCE	70-485 Dump PDF VCE	70-742 Dump PDF VCE	98-366 Dump PDF VCE
70-247 Dump PDF VCE	70-486 Dump PDF VCE	70-743 Dump PDF VCE	98-367 Dump PDF VCE
70-331 Dump PDF VCE	70-487 Dump PDF VCE	70-744 Dump PDF VCE	98-368 Dump PDF VCE
70-332 Dump PDF VCE	70-488 Dump PDF VCE	70-761 Dump PDF VCE	98-369 Dump PDF VCE
70-333 Dump PDF VCE	70-489 Dump PDF VCE	70-762 Dump PDF VCE	98-372 Dump PDF VCE
70-334 Dump PDF VCE	70-490 Dump PDF VCE	70-765 Dump PDF VCE	98-373 Dump PDF VCE
70-339 Dump PDF VCE	70-491 Dump PDF VCE	70-768 Dump PDF VCE	98-374 Dump PDF VCE
70-341 Dump PDF VCE	70-492 Dump PDF VCE	70-980 Dump PDF VCE	98-375 Dump PDF VCE
70-342 Dump PDF VCE	70-494 Dump PDF VCE	70-981 Dump PDF VCE	98-379 Dump PDF VCE
70-345 Dump PDF VCE	70-496 Dump PDF VCE	70-982 Dump PDF VCE	MB2-700 Dump PDF VCE
70-346 Dump PDF VCE	70-497 Dump PDF VCE	74-343 Dump PDF VCE	MB2-701 Dump PDF VCE
70-347 Dump PDF VCE	70-498 Dump PDF VCE	74-344 Dump PDF VCE	MB2-702 Dump PDF VCE
70-348 Dump PDF VCE	70-499 Dump PDF VCE	74-409 Dump PDF VCE	MB2-703 Dump PDF VCE
70-354 Dump PDF VCE	70-517 Dump PDF VCE	74-678 Dump PDF VCE	MB2-704 Dump PDF VCE
70-383 Dump PDF VCE	70-532 Dump PDF VCE	74-697 Dump PDF VCE	MB2-707 Dump PDF VCE
70-384 Dump PDF VCE	70-533 Dump PDF VCE	77-420 Dump PDF VCE	MB2-710 Dump PDF VCE
70-385 Dump PDF VCE	70-534 Dump PDF VCE	77-427 Dump PDF VCE	MB2-711 Dump PDF VCE
70-410 Dump PDF VCE	70-640 Dump PDF VCE	77-600 Dump PDF VCE	MB2-712 Dump PDF VCE
70-411 Dump PDF VCE	70-642 Dump PDF VCE	77-601 Dump PDF VCE	MB2-713 Dump PDF VCE
70-412 Dump PDF VCE	70-646 Dump PDF VCE	77-602 Dump PDF VCE	MB2-714 Dump PDF VCE
70-413 Dump PDF VCE	70-673 Dump PDF VCE	77-603 Dump PDF VCE	MB2-715 Dump PDF VCE
70-414 Dump PDF VCE	70-680 Dump PDF VCE	77-604 Dump PDF VCE	MB2-716 Dump PDF VCE
70-417 Dump PDF VCE	70-681 Dump PDF VCE	77-605 Dump PDF VCE	MB2-717 Dump PDF VCE
70-461 Dump PDF VCE	70-682 Dump PDF VCE	77-881 Dump PDF VCE	MB2-718 Dump PDF VCE
70-462 Dump PDF VCE	70-684 Dump PDF VCE	77-882 Dump PDF VCE	MB5-705 Dump PDF VCE
70-463 Dump PDF VCE	70-685 Dump PDF VCE	77-883 Dump PDF VCE	MB6-700 Dump PDF VCE
70-464 Dump PDF VCE	70-686 Dump PDF VCE	77-884 Dump PDF VCE	MB6-701 Dump PDF VCE
70-465 Dump PDF VCE	70-687 Dump PDF VCE	77-885 Dump PDF VCE	MB6-702 Dump PDF VCE
70-466 Dump PDF VCE	70-688 Dump PDF VCE	77-886 Dump PDF VCE	MB6-703 Dump PDF VCE
70-467 Dump PDF VCE	70-689 Dump PDF VCE	77-887 Dump PDF VCE	MB6-704 Dump PDF VCE
70-469 Dump PDF VCE	70-692 Dump PDF VCE	77-888 Dump PDF VCE	MB6-705 Dump PDF VCE
70-470 Dump PDF VCE	70-695 Dump PDF VCE	77-891 Dump PDF VCE	MB6-884 Dump PDF VCE
70-473 Dump PDF VCE	70-696 Dump PDF VCE	98-349 Dump PDF VCE	MB6-885 Dump PDF VCE
70-480 Dump PDF VCE	70-697 Dump PDF VCE	98-361 Dump PDF VCE	MB6-886 Dump PDF VCE
70-481 Dump PDF VCE	70-698 Dump PDF VCE	98-362 Dump PDF VCE	MB6-889 Dump PDF VCE
70-482 Dump PDF VCE	70-734 Dump PDF VCE	98-363 Dump PDF VCE	MB6-890 Dump PDF VCE
70-483 Dump PDF VCE	70-740 Dump PDF VCE	98-364 Dump PDF VCE	MB6-892 Dump PDF VCE
70-484 Dump PDF VCE	70-741 Dump PDF VCE	98-365 Dump PDF VCE	MB6-893 Dump PDF VCE

Cisco Exams List

010-151 Dump PDF VCE	350-018 Dump PDF VCE	642-737 Dump PDF VCE	650-667 Dump PDF VCE
100-105 Dump PDF VCE	352-001 Dump PDF VCE	642-742 Dump PDF VCE	650-669 Dump PDF VCE
200-001 Dump PDF VCE	400-051 Dump PDF VCE	642-883 Dump PDF VCE	650-752 Dump PDF VCE
200-105 Dump PDF VCE	400-101 Dump PDF VCE	642-885 Dump PDF VCE	650-756 Dump PDF VCE
200-120 Dump PDF VCE	400-151 Dump PDF VCE	642-887 Dump PDF VCE	650-968 Dump PDF VCE
200-125 Dump PDF VCE	400-201 Dump PDF VCE	642-889 Dump PDF VCE	700-001 Dump PDF VCE
200-150 Dump PDF VCE	400-251 Dump PDF VCE	642-980 Dump PDF VCE	700-037 Dump PDF VCE
200-155 Dump PDF VCE	400-351 Dump PDF VCE	642-996 Dump PDF VCE	700-038 Dump PDF VCE
200-310 Dump PDF VCE	500-006 Dump PDF VCE	642-997 Dump PDF VCE	700-039 Dump PDF VCE
200-355 Dump PDF VCE	500-007 Dump PDF VCE	642-998 Dump PDF VCE	700-101 Dump PDF VCE
200-401 Dump PDF VCE	500-051 Dump PDF VCE	642-999 Dump PDF VCE	700-104 Dump PDF VCE
200-601 Dump PDF VCE	500-052 Dump PDF VCE	644-066 Dump PDF VCE	700-201 Dump PDF VCE
210-060 Dump PDF VCE	500-170 Dump PDF VCE	644-068 Dump PDF VCE	700-205 Dump PDF VCE
210-065 Dump PDF VCE	500-201 Dump PDF VCE	644-906 Dump PDF VCE	700-260 Dump PDF VCE
210-250 Dump PDF VCE	500-202 Dump PDF VCE	646-048 Dump PDF VCE	700-270 Dump PDF VCE
210-255 Dump PDF VCE	500-254 Dump PDF VCE	646-365 Dump PDF VCE	700-280 Dump PDF VCE
210-260 Dump PDF VCE	500-258 Dump PDF VCE	646-580 Dump PDF VCE	700-281 Dump PDF VCE
210-451 Dump PDF VCE	500-260 Dump PDF VCE	646-671 Dump PDF VCE	700-295 Dump PDF VCE
210-455 Dump PDF VCE	500-265 Dump PDF VCE	646-985 Dump PDF VCE	700-501 Dump PDF VCE
300-070 Dump PDF VCE	500-275 Dump PDF VCE	648-232 Dump PDF VCE	700-505 Dump PDF VCE
300-075 Dump PDF VCE	500-280 Dump PDF VCE	648-238 Dump PDF VCE	700-601 Dump PDF VCE
300-080 Dump PDF VCE	500-285 Dump PDF VCE	648-244 Dump PDF VCE	700-602 Dump PDF VCE
300-085 Dump PDF VCE	500-290 Dump PDF VCE	648-247 Dump PDF VCE	700-603 Dump PDF VCE
300-101 Dump PDF VCE	500-801 Dump PDF VCE	648-375 Dump PDF VCE	700-701 Dump PDF VCE
300-115 Dump PDF VCE	600-199 Dump PDF VCE	648-385 Dump PDF VCE	700-702 Dump PDF VCE
300-135 Dump PDF VCE	600-210 Dump PDF VCE	650-032 Dump PDF VCE	700-703 Dump PDF VCE
300-160 Dump PDF VCE	600-211 Dump PDF VCE	650-042 Dump PDF VCE	700-801 Dump PDF VCE
300-165 Dump PDF VCE	600-212 Dump PDF VCE	650-059 Dump PDF VCE	700-802 Dump PDF VCE
300-180 Dump PDF VCE	600-455 Dump PDF VCE	650-082 Dump PDF VCE	700-803 Dump PDF VCE
300-206 Dump PDF VCE	600-460 Dump PDF VCE	650-127 Dump PDF VCE	810-403 Dump PDF VCE
300-207 Dump PDF VCE	600-501 Dump PDF VCE	650-128 Dump PDF VCE	820-424 Dump PDF VCE
300-208 Dump PDF VCE	600-502 Dump PDF VCE	650-148 Dump PDF VCE	840-425 Dump PDF VCE
300-209 Dump PDF VCE	600-503 Dump PDF VCE	650-159 Dump PDF VCE	
300-210 Dump PDF VCE	600-504 Dump PDF VCE	650-281 Dump PDF VCE	
300-320 Dump PDF VCE	640-692 Dump PDF VCE	650-393 Dump PDF VCE	
300-360 Dump PDF VCE	640-875 Dump PDF VCE	650-472 Dump PDF VCE	
300-365 Dump PDF VCE	640-878 Dump PDF VCE	650-474 Dump PDF VCE	
300-370 Dump PDF VCE	640-911 Dump PDF VCE	650-575 Dump PDF VCE	
300-375 Dump PDF VCE	640-916 Dump PDF VCE	650-621 Dump PDF VCE	
300-465 Dump PDF VCE	642-035 Dump PDF VCE	650-663 Dump PDF VCE	
300-470 Dump PDF VCE	642-732 Dump PDF VCE	650-665 Dump PDF VCE	
300-475 Dump PDF VCE	642-747 Dump PDF VCE	650-754 Dump PDF VCE	

HOT EXAMS

Cisco

[100-105 Dumps VCE PDF](#)
[200-105 Dumps VCE PDF](#)
[300-101 Dumps VCE PDF](#)
[300-115 Dumps VCE PDF](#)
[300-135 Dumps VCE PDF](#)
[300-320 Dumps VCE PDF](#)
[400-101 Dumps VCE PDF](#)
[640-911 Dumps VCE PDF](#)
[640-916 Dumps VCE PDF](#)

Microsoft

[70-410 Dumps VCE PDF](#)
[70-411 Dumps VCE PDF](#)
[70-412 Dumps VCE PDF](#)
[70-413 Dumps VCE PDF](#)
[70-414 Dumps VCE PDF](#)
[70-417 Dumps VCE PDF](#)
[70-461 Dumps VCE PDF](#)
[70-462 Dumps VCE PDF](#)
[70-463 Dumps VCE PDF](#)
[70-464 Dumps VCE PDF](#)
[70-465 Dumps VCE PDF](#)
[70-480 Dumps VCE PDF](#)
[70-483 Dumps VCE PDF](#)
[70-486 Dumps VCE PDF](#)
[70-487 Dumps VCE PDF](#)

CompTIA

[220-901 Dumps VCE PDF](#)
[220-902 Dumps VCE PDF](#)
[N10-006 Dumps VCE PDF](#)
[SY0-401 Dumps VCE PDF](#)