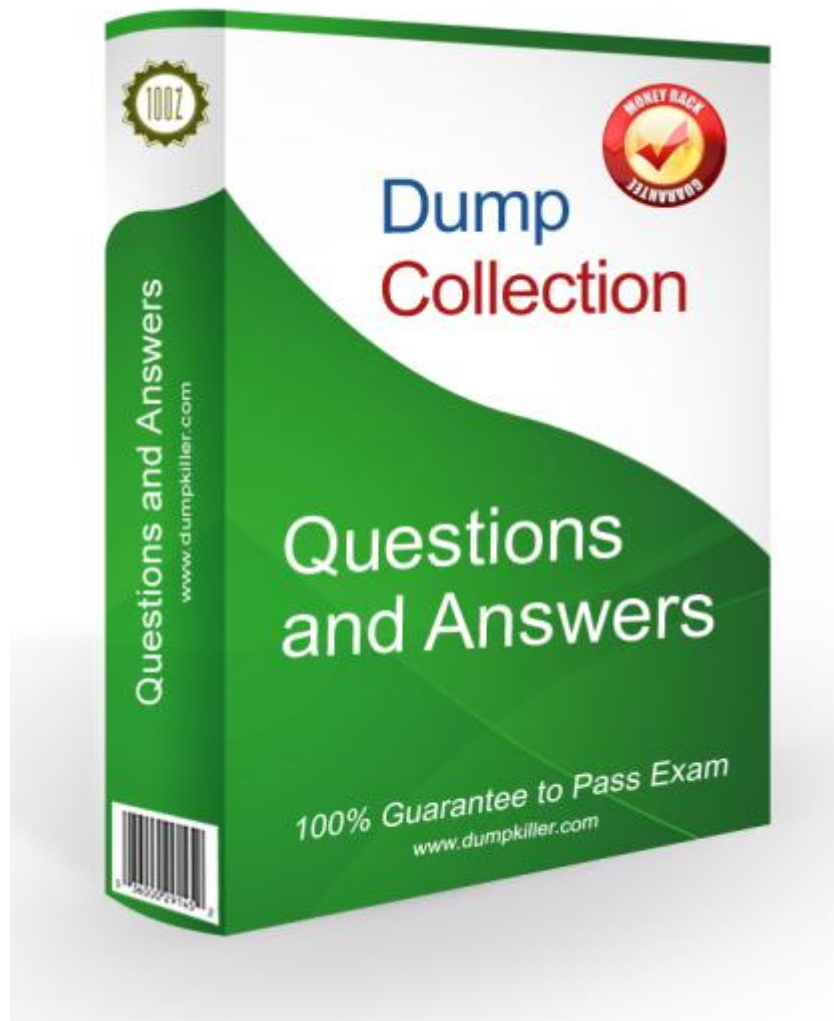


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Exam : **300-360**

Title : Designing Cisco Wireless
Enterprise Networks

Vendor : Cisco

Version : DEMO

NO.1 What is the recommended minimum speed at the edge of the cells in an 802.11g network for a good Cisco VoWLAN deployment?

- A. 11 Mb/s
- B. 36 Mb/s
- C. 12 Mb/s
- D. 18 Mb/s

Answer: C

NO.2 An engineer is assigned to provide wireless coverage in a provincial capital building. Due to the age and historic nature of the building, the ability to run new copper Ethernet cable to desired AP locations is limited.

Which requirement should the engineer specify to overcome this restriction?

- A. Deploy access points where the survey indicates and connect them via fiber optic cable, using a mediaadapter, and locally provide power.
- B. Deploy access points to each phone location converting two spare pairs of copper from the phone line to Ethernet and locally provide power.
- C. Deploy access point devices where limited cable can be run or exists and connect high-gain antennas and increase Tx power to increase cell size.
- D. Deploy RAP where limited cable can be run or exists, and extend coverage using MAP.

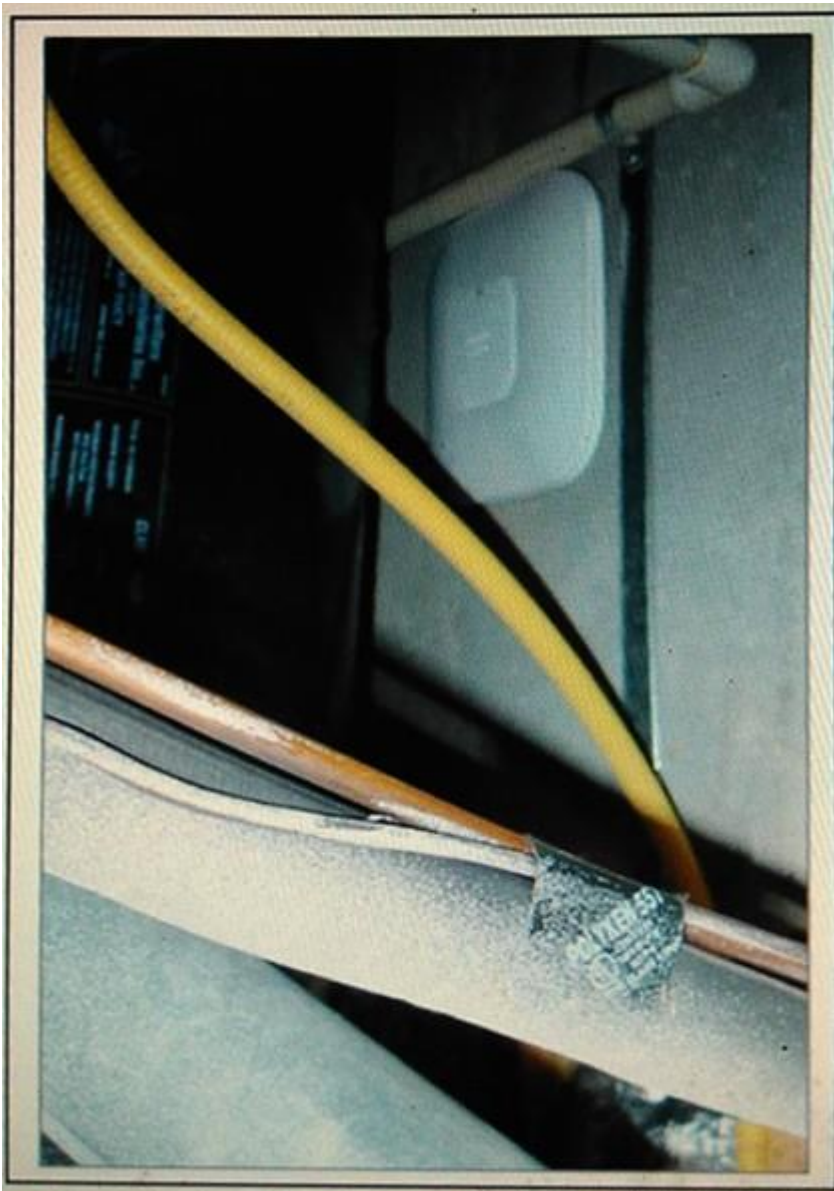
Answer: D

NO.3 A network engineer is configuring CAC on a WLC. If CAC is configured with 85% of the total radio bandwidth on a 5-GHz radio, how many clients can be accommodated?

- A. 5
- B. 12
- C. 15
- D. 22

Answer: D

NO.4 Refer to the exhibit.



While testing the post-deployment WLAN network, you discover that an AP has been placed in a difficult area.

The AP cannot be moved easily because of various requirements. The client performance of various Apple and Microsoft operating system-based products does not meet expectations. Which two options can help mitigate the performance issue? (Choose two.)

- A. Add additional APs.
- B. Increase the AP power level to maximum.
- C. Rotate the AP 90 degrees to change antenna polarity.
- D. Replace the AP with an AP and external antenna.
- E. Change the AP location to one that is less RF hostile.

Answer: A,D

NO.5 A customer reports that wireless clients are not able to receive multicast data from known working multicast servers on the wired network. The client is connecting at the highest mandatory wireless rate of 24 Mbps and the wireless controller is configured for multicast- unicast mode. What three actions should the engineer take next to troubleshoot the issue?

(Choose three.)

- A.** verify that the L3 interfaces are configured for pim sparse-dense-mode on the VLAN servicing the wireless access points as well as the wireless controller's management VLAN
- B.** change the wireless controller from Multicast-Unicast mode to Multicast-Multicast mode and assign a multicast address in the 239.X.X.X/8 subnet
- C.** verify that IGMP snooping is disabled on the wireless controller since the access points are handling IGMP messages from the clients
- D.** verify that Global Multicast mode has been enabled
- E.** make sure the highest mandatory rate is set to 54 Mbps so that the multicast traffic has sufficient bandwidth
- F.** verify Multicast Listener Discovery (MLD) v1 snooping has been enabled to keep track of and deliver IPv4 multicast flows

Answer: A,B,D

NO.6 An engineer is preparing for an outdoor wireless survey to mesh connect a distant remote building to a connected building. Which two types of antennas are appropriate for this application? (Choose two.)

- A.** circular polarized
- B.** patch
- C.** dish
- D.** Yagi
- E.** omni

Answer: C,D

NO.7 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

NO.8 A customer recently placed 10 WLCs in a mobility group and now sees a large amount of additional traffic to and from the controller. What setting should be changed to reduce the traffic?

- A.** Mobility Multicast Messaging
- B.** Mobility Unicast Messaging
- C.** Mobility Anchor Keep Alive Count
- D.** Mobility Anchor Keep Alive Interval

Answer: A