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A customer wants to deploy a WLAN that employs centralized forwarding. What LAN requirements should you look for? Response:

- A. High-speed Ethernet links
- B. Layer 3 at the access layer
- C. Layer 2 at the distribution layer
- D. Routing redundancy protocol

Correct Answer: A

QUESTION 2

A company wants to connect its headquarters to its remote office that is 13 kilometers away using a wireless bridge. What requirement must not be forgotten by their Wireless Engineer when considering the Fresnel Zone?

- A. Earth bulge
- B. Antenna gain
- C. FSPL
- D. Receive sensitivity
- Correct Answer: A

QUESTION 3

You are testing a VoWLAN deployment, and your communication measurements show a certain amount of lost packets. What would be an acceptable packet error rate value to still provide acceptable call quality?

- A. There should be 0% error in a VoWLAN type of deployment
- B. No more than 1% PER max should be acceptable
- C. No more than 4% PER max should be acceptable
- D. No more than 8% PER max should be acceptable

Correct Answer: D



What differences exist between VLANs in wireless and wired domains?

Response:

A. Wireless VLANs are not effective for segmenting the available services and network permissions available to clients. Wired VLANs are effective for this purpose.

B. Wireless VLANs are never carried in 802.11 frames that cross the wireless medium. VLAN identifiers are always carried in Ethernet frames to indicate the proper VLAN.

C. Wireless VLANs do not always segment traffic into separate broadcast domains on the wireless medium. Wired VLANs do segment broadcast domains on the wired network.

D. Wireless VLANs are not an effective way to utilize a single set of infrastructure equipment to provide different services to different client groups. Wired VLANs are effective for this purpose.

Correct Answer: C

QUESTION 5

What are the deliverables to your customer after successfully implementing a WLAN infrastructure?

A. Digital or physical assets, guides, floorplans and configuration documents

- B. Project Charter
- C. Facility blueprints
- D. Nothing is required. The implemented WLAN was deliverable

Correct Answer: A

QUESTION 6

An MSA commonly addresses at least which two legal categories?

- A. Nondisclosure agreement
- B. Hold harmless
- C. Intellectual property protection
- D. Indemnity clause

Correct Answer: A

QUESTION 7



When deploying long-distance 802.11 bridge links (10 miles / 16 km), what parameter may be critical for improving data flow by reducing retries caused by the long distances?

- A. The sequence control field value
- B. The acknowledgement timeout threshold
- C. The minimum transmit data rate value
- D. The CTS-to-self threshold

Correct Answer: B

QUESTION 8

You are using site software design features. You have imported a floor plan, but the simulated RF coverage is nowhere close to the real RF coverage you see with a walkabout.

Given that the simulation is significantly different, when step was likely missed when using the software?

Response:

- A. Conversion to DWG
- B. Conversion to PNG
- C. Adding extra APs to simulate interference
- D. Calibration

Correct Answer: D

QUESTION 9

Which of the following items could be considered constraints when performing a network design? (Choose all that apply.)

Response:

- A. Timeline
- B. Personnel
- C. Politics
- D. Budget

Correct Answer: ABCD



What document is typically created to launch a project?

Response:

- A. Project Charter
- B. Budget
- C. Bill of Materials
- D. Work Breakdown Structure

Correct Answer: A

QUESTION 11

Location technology (RTLS) can use which of the following methods?(Choose all that apply.)

Response:

- A. Sound
- B. 802.11-capable laptops
- C. Active RFID
- D. Infrared
- E. UHV
- F. UWB
- G. Passive RFID

Correct Answer: ABCD

QUESTION 12

When performing an active site survey in an existing WLAN infrastructure, in addition to gathering throughput data, what other important function will you typically be testing at the same time?

- A. Application filtering
- B. Internet bandwidth
- C. Roaming
- D. ACL configuration

Correct Answer: C



Using a SCA means that all APs will be using the same channel in a given layer. How is the AP with which the client associates determined?

A. All APs share a virtual IP address. A controller will tell the closest AP to the client to communicate with it, since it has a greater RSSI from the client.

B. All APs share a virtual Multicast Address. A controller will tell the closest AP to the client to communicate with it, since it has a greater RSSI from the client.

C. All APs share a virtual BSSID. A controller will tell the closest AP to the client to communicate with it, since it has a greater RSSI from the client.

D. The client selects the AP based on a known set of MAC to BSSID mappings stored in the clients authorized SSID listing.

Correct Answer: A

QUESTION 14

What are some common problems with short (12 or fewer characters) ASCII passphrases in WPA/WPA2-Personal networks?

Response: A. They are more susceptible to dictionary attacks than longer passphrases.

- B. They lead to weak group keys in a BSS.
- C. They only produce a 64-bit PMK instead of a 256-bit PMK.

D. Very few AP and client vendors support entry of an ASCII-based passphrase.

Correct Answer: A

QUESTION 15

The installation crew for your WLAN project wants to install a few APs to locations nearby the ones specified in the RF design document. What next step should occur? Response:

- A. Confirm the mounting hardware.
- B. Choose a different AP model.
- C. Update the documentation.
- D. Consult the RF designer.



Correct Answer: D

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