Quiz

Note: It is recommended that you save your response as you complete each question.

Question 1 (1 point)

A service is an immutable encapsulation of some atomic behavior of a device.

Save

Question 2 (1 point)

Select all the statements below that incorporate the Bluetooth Low Energy Asymmetric Design Philosophy.

- [x] The client runs the profile
- [x] The client determines what connInterval that the paired devices will operate while connected
- [x] A device with smaller energy resources are given less to do
- [x] Slave devices perform advertising

Save

Question 3 (1 point)

How long is the typically data packet in Bluetooth Low Energy?

- ( ) 80uS
- ( ) 128uS
- (•) 144uS
- ( ) 376uS

Save

Question 4 (1 point)

How long is the typically advertising packet in Bluetooth Low Energy?

- ○ 80uS
- ◉ 128uS
- ○ 144uS
- ○ 376uS

Save

Question 5 (1 point)

For which hop value would result in remapping due to WiFi channel 1 interference that corresponds to BLE channels 0-8 if at n=0, f = channel 3 at n = 8?

- ○ hop = 13
- ○ hop = 10
- ◉ hop = 14
- ○ hop = 7

Save

Question 6 (1 point)

Select all that apply to Bluetooth Classic

- ☑ The Bluetooth radio hops 1600 times per second
- ☑ Each time slot is equal to 625uS
- ☐ The 2.4GHz RF band is broken into 40 2MHz channels
- ☐ Master transmits on odd time slots

Save

Question 7 (1 point)

Fundamentally, Bluetooth Smart is very simple (single word answer).

Save

Question 8 (1 point)

For which hop value would result in remapping due to WiFi channel 6 interference that corresponds to BLE channels 11-20 if at n=0, f = channel 7 at n = 8?

- (●) hop = 10
- ( ) hop = 14
- ( ) hop = 7
- ( ) hop = 12

Save

Question 9 (1 point)

When connections are transient like in Bluetooth Low energy, the time to make a connection must be short (single word answer).

Save

Question 10 (1 point)

Bluetooth Smart is an asymmetric architecture where the resource rich devices perform the advertising.

- ( ) True
- (●) False

Save

Save All Responses | Go to Submit Quiz