

WiFi Protocols Interview Questions And Answers Guide.



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WiFi Protocols Job Interview Preparation Guide.

Question # 1

What does ultra wideband (UWB) mean?

Answer:-

Ultra Wideband or UWB is a technique based on transmitting very-short-duration pulses, often of duration of only nanoseconds or less, whereby the occupied bandwidth goes to very large values. This allows it to deliver data rates in excess of 100 Mbit/s, while using a small amount of power

Applications

Build a home theater environment without cables
Share live multimedia content between televisions
Instantaneously transfer the images from a digital camera to another product

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Question # 2

List of Wi-Fi Protocols Job Interview Questions:

Answer:-

What is difference between WPA and WPA2?
Explain MAC frame format?
Explain Random backoff algorithm?
EAPOL authentication?
In WLAN what do you mean by synchronization?
Explain power save mechanism?
Explain fram control?
What in NAV ,where it is found?
what are carrier sensing techniques??
what is different between throughput and data rate?
what are three types of frame ,explain?
explain process of wep?
which throughput is maximum tcp or udp?
drawback of wep?
explain 4 way handshake in wlan?
What is PS-Poll and its structure??
difference between Power save and legacy power save??
What is TIM?
What is trigger frame?
What is ACM bit where it is found?
explain key exchanges in all security modes WPA,WPA2,TLS?
What is contained in control frame?
what are four access categories,which one has more priority?
Difference between EAP and EAP-TLS?
what is broadcast domain for 10 STAS connected to router at layer 3?
router,hub,switch,snmp?
what does four address field signifies??
explain powermanagement?
Working of RTS/CTS?
Explain hidden node problem?
what are different type of frame spacing?
What is cipher?

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Question # 3

How is UWB different from Bluetooth, FireWire and Wi-Fi?



Answer:-

Difference between uwb & bluetooth?

Ultra-wide band wireless radios send short signal pulses over a broad spectrum. For example, a UWB signal centered at 5 GHz typically extends across 4 GHz and 6 GHz. The wide signal allows UWB to commonly support high wireless data rates of 480 Mbps up to 1.6 Gbps at distances up to a few meters. At longer distances, UWB data rates drop considerably.

Bluetooth:-

One way to share wireless high-definition video across a home network is via UWB connections. As an alternative to Wi-Fi, UWB's higher bandwidth links can better handle large volumes of content. Several industry standards for wireless video streaming compete with UWB including Wireless HD (WiHD) and Wireless High Definition Interface (WHDI). Because its radios require low power to operate, UWB technology can work well in Bluetooth devices. While Bluetooth 1.0 and 2.0 did not utilize UWB, newer high-speed versions of Bluetooth may.

The limited range of UWB signals preclude it being used for direct connections to Internet hotspots. However, some industry efforts have existed to enable cell phones with UWB for peer-to-peer applications.

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Question # 4

How to configure Wi-Fi connection and what is wifi protocols?

Answer:-

basically there are many standards of wi-fi in the industry but some popular of them are 802.11a, 802.11b and 802.11g/n with the support of these wi-fi protocols we can communicate/interact among the devices at the speed of 5Ghz to 2.4 Ghz dual band communication.

if our wi-fi nic card so firstly we have to install their drivers and after installation if we have wi-fi access point then we can see the signal strength in the right corner below just open that and find the access point to connect, if A/P is configured with the security, type the key to connect

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WiFi Most Popular Interview Topics.

- 1 : [WiFi Security Frequently Asked Interview Questions and Answers Guide.](#)
- 2 : [WiFi Hardware Frequently Asked Interview Questions and Answers Guide.](#)

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