

Certified Wireless Network Professional Course

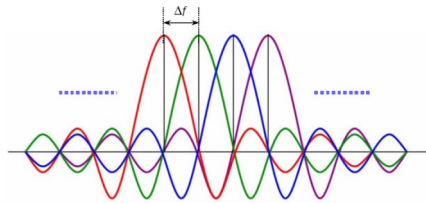
(Technology, Analysis and Testing)

Courses
that make
you 'Job
Ready'

A wireless local area network (WLAN) links two or more devices using wireless distribution method (typically spread-spectrum or OFDM radio), and usually providing a connection through an access point to the wider Internet. Most WLANs are based on IEEE 802.11x standards. Wireless LANs have become natural choices small/ medium offices and enterprise networks offering wireless access. While implementing a WLAN in a small / medium offices could be simple. But implementing it for a large Enterprise or for a wide area (City Wi-Fi) involves proper planning and execution.

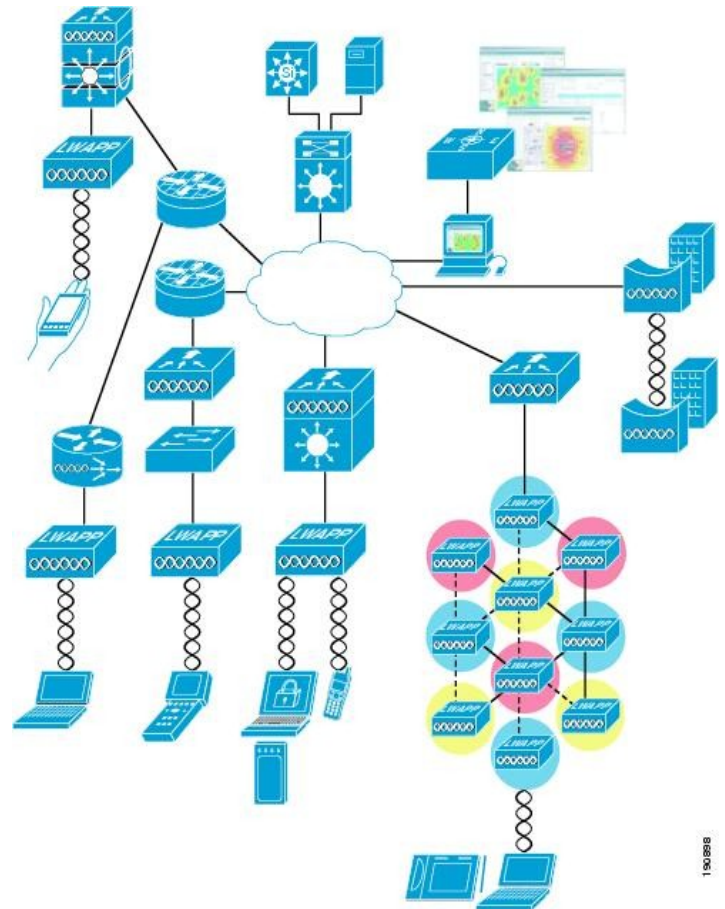
This training course is a expert level course for Engineers who are keen to gain expertise in planning , implementing and troubleshooting Wireless LANs . This course helps participants Understand the frame structures and exchange processes for each of the 802.11 series of standards in detail. Also, helps in using tools tools that are available for analyzing and troubleshooting wireless LANs.

The course is designed for those who have little or no wireless (RF/MW) experience. The course will include lab exercises and lays a lasting foundation for a promising career in the Wireless LAN technology



Frame Control	Duration /ID	Address1	Address2	Address3	Sequence Control	Address4	// Data	FCS
2 Bytes	2 Bytes	6 Bytes	6 Bytes	6 Bytes	2 Bytes	6 Bytes	0-2312 Bytes	4 Bytes

Protocol Version	Type	Subtype	To DS	From DS	More Frag	Retry	Pwr Mgmt	More Data	WEP	Order
Bits: 2	2	4	1	1	1	1	1	1	1	1



Course Contents

- TCP/IP protocol stack overview
- RF Fundamentals
- Spread Spectrum Technologies
- 802.11 Physical (PHY) Layer Frame Formats and Technologies
- 802.11 MAC Layer Frame Formats and Technologies
- 802.11 Operation and Frame Exchanges
- Spectrum Analysis and Troubleshooting
- Protocol Analysis and Troubleshooting

Course Duration

- 40 hrs

Training Options

- **Classroom sessions at client site (Monday to Friday)**
- **Classroom sessions (Sat & Sun)**
Career Booster Technologies
No.147/10, 4th Floor Krishna Mansion
9th Cross, JP Nagar 1st Phase
Bangalore - 560078.
- **On-line sessions (Mon to Fri)**
Web conference tool (Audio / Video)

Contact us (for more details and a demo session)

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