

DCT Wireless Essentials

Duration: 2 Days

Course Code: DCT - INFR - WE

Overview:

The DCT Wireless Essentials is a practical course for companies and Individuals planning to deploy a secured Enterprise Wireless System. Wireless technology has evolved over the years with the leading trends being security, speed and Frequency. The current wireless technology is 801.11ax (wi-fi 6) and 801.11be (wi-fi 7). The benefits of newer Enterprise Wireless systems are higher throughput, increased capacity, improved performance with many connected devices, improved power efficiencies, and lower latency and support for IoT devices. The new Wireless technology is ideal for video streaming, cloud computing, video calling, video conferencing, remote office etc. The course incorporates Physical Wireless Devices connected to a cloud-based Controller which can be managed from any location with a single pane of glass dashboard showing all wireless access points deployed in the network. The theory and the practical session include designing, installing and deploying efficient secured wireless in any environment.

Target Audience:

This program has been designed for individuals who are either new to the data centre sector (technicians with limited experience or exposure to data centre facilities) or for those who sell products and services to the data centre sector.

Content:

Main Areas Covered by DCT Wireless Essentials :

- Radio Frequency (RF) Technologies
- Antenna Concepts
- Wireless LAN Hardware and Software
- Network Design, Installation, and Management
- Wireless Standards and Organizations
- 802.11 Network Architecture
- Wireless LAN Security