

# IT Networks Training: Introduction to Wireless Networking (WLINTR, 2 jours)

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## Description

The course Introduction to Wireless Networking (IT Networks Training) explores the concepts and features of a wireless network. The training includes IPv4 & IPv6 address configuration, WEP & WPA wireless security and performance & topology considerations. This course provides a detailed discussion of wireless network design & implementation.

## Tarifs

- Tarification: \$1,500/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### Internet Protocol (IP) Technologies

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Internet Protocols Overview

The OSI Reference Model

The Core IP Protocol

IP Addressing

IP Routing Protocols Transport Mechanisms

Internet Protocol Summary References

A Note on IPV6

### Wireless Technologies

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Wireless Data Networking Overview

Introduction to Wireless LAN Technology

Wireless Physical Hardware/Equipment

Wireless Standards Bodies

802.11 Wireless Standards Technologies

Wireless Networking Transmission Layers

Wireless Network Architecture

Wireless Network/LAN Types

Wireless Security, Authentication Encryption

Wireless Wide-Area Networks (1G-5G)

Third Generation/3G WWAN Communications

Spread Spectrum Wireless Networks: WLANs/WPANs/WMANs/WWANs

Building Windows 2000 Wireless Networks

### Implementing the Network

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Planning the Networks

Implementing Support Servers: DHCP and DNS

Connecting the Routers

Configuring the Interfaces

Configuring Wireless Access

Configuring the Router IP Address

Adding Routing Table Entries

Enabling and Configuring the DHCP Server

### Securing the Wireless Network

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Setting User names and passwords

Security Protocol Overview

A Note on Key Length and Key Values

About WEP Security

About WPA Security

Security Configuration Options

Connecting an XP Client

Connecting a Vista Client