RETI-WIRE - Technology and wireless network design

ITCore Networking - Teoria delle Reti - Networking

Durata:	Lingue:	Certificazione:
2 Giorni	**Italiano**	**-**

Descrizione del corso

The course is an introduction to the wireless technology and focuses on the design of this kind of networks.

Programma

Introduction to wireless networks

- The 802.11 family
- Wireless network organizations
- Access Point
- Wireless Bridge
- HotSpot
- Wireless cards
- Wireless Switch
- Poe

Wireless network configuration

- Access Point configuration
- Access to a wireless network
- Extended services
- Roaming issues
- Interference Issues
- Wireless Bridge configuration
- Wireless Distribution System (WDS)
- HotSpot configuration

ITCore Group

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Wireless network deployment

- Environmental analysis
- Analysis of user request
- Determination of the requested band
- Determination of radio frequency coverage
- Interference detection
- Guidelines for realizing an analysis and a project

Security in wireless networks

- WEP, WPA and WPA2
- 802.1x
- EAP
- 802.11i
- Wireless network intrusion

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