



## CCNA Wireless

### Conteúdo Programático do Curso

#### Wireless Fundamentals

- Wireless Networks and Topologies
- Wireless LANs RF Principles
- Radio Frequency Mathematics
- Antennae
- Spread Spectrum Technologies Basics
- Wireless Regulatory Bodies, Standards and Certifications
- Examining Wireless Media Access
- Other Wireless Technologies and Their Impact
- Wireless Frame Journey: End-to-End
- Cisco Unified Wireless Network Architecture Basics

#### Basic Cisco WLAN Installation

- Configure a Controller
- Discovering and Associating to a Controller
- Different AP Modes
- Roaming
- Managing the Network from the Controller
- Configuring and Migrating Stand-Alone Access Points
- Cisco Mobility Express Wireless Architecture

#### Wireless Clients

- Using Default OS Configuration Tool
- Cisco Aironet WLAN Client Adapter
- Cisco Secure Services Client
- Cisco Client Extension Program

#### WLAN Security

- Wireless Security Framework and Components
- Establishing Basic IEEE 802.11 Security
- Centralizing the WLAN Authentication
- EAP Authentications
- Managing Authentication and Encryption with WPA and WPA2
- Configuring Security on Controllers and Clients

#### WCS Administration

- WCS and Navigator
- Installing WCS
- Administering WCS
- Working with Controllers from WCS
- Working with Maps
- Monitoring the Network with WCS

#### WLAN Maintenance and Troubleshooting

- Maintaining the System
- Design and Site Survey Considerations
- Using Troubleshooting Tools