

Course Description

This course provides an overview of home wi-fi networking.

Objectives

- Describe the basic attributes of wireless home networking.
- Describe wireless home network deployment considerations and best practices.
- Describe how to analyze and improve Wi-Fi performance.
- Describe Node and Band Steering.
- Describe common issues that impact wireless network performance.
- Know where to find Calix Resources.

Who should attend?

- Those who are interested in learning the basics of Wi-Fi networks

Prerequisite Training and Skills

- None

Training Resources in My Calix

- [Learning Solutions](#)
- [Certifications](#)

Delivery Mode

This interactive online eLearning course consists of content delivered as video clips, simulations, demonstrations, and other self-paced formats. Learners are prompted to interact with the content as they progress through the course. Calix eLearning courses are often accompanied by voice-over audio. To get the most out of your learning experience, Calix recommends accessing your eLearning course through Chrome or Firefox.

Lessons		Topics
01	Introduction to Wi-Fi Networks	<ul style="list-style-type: none"> Introduction to Wireless Networks 802.11 Standards Wi-Fi Radio Frequencies Wi-Fi Terminology Carrier Class Wi-Fi
02	Wi-Fi Deployment Considerations	<ul style="list-style-type: none"> Wi-Fi Network Planning Impact of Building Materials Performing a Site Scan General Best Practices
03	Measuring Wi-Fi Performance	<ul style="list-style-type: none"> Using the Wi-Fi Analyzer
04	Band and Node Steering	<ul style="list-style-type: none"> Band Steering Overview Node Steering Overview
05	Wi-Fi Troubleshooting	<ul style="list-style-type: none"> Common Wi-Fi Network Issues Interference Attenuation and Weak Signals Client Device Characteristics
05	Using Calix Resources	<ul style="list-style-type: none"> Calix.com My Calix Calix Academy Command Center / Calix Cloud