Course Training

Design and Deploy 802.11 Wireless Network

Course Content

Plan, deploy, and operate high-performance 802.11ac and 802.11n wireless networks

The new 802.11ac standard enables WLANs to deliver significantly higher performance. Network equipment manufacturers have refocused on 802.11ac- and 802.11n-compliant solutions, rapidly moving older versions of 802.11 toward "legacy" status. Now, there's a complete guide to planning, designing, installing, testing, and supporting 802.11ac and 802.11n wireless networks in any environment, for virtually any application.

Course Objectives

After taking this course, you should be able to:

- Understand the IEEE 802.11 versions and evolution
- Learn in-depth into the Design process by gaining adequate knowledge on Planning, Designing, Deploying and Auditing modern 802.11-based networks.
- Examine an Independent assessment of competing wireless LAN technologies
- Acquire the necessary skills for planning, performing and documenting site surveys and troubleshooting.

Course Prerequisite

- Network Basics
- Wireless Technology Basics
- Equipment Usage Skills
- Understanding Network Security

Who should attend

- IT Professionals who are deploying Enterprise WiFi Networks
- IT Professionals
- People who want to have a real world understanding of WiFi

Course Outline

- Fundamental Concepts
- The 802.11 Standard
- Wireless Network Design
- Wireless Network Installation and Testing

- Operational Support Considerations