

IPv6 Overview

Is your network ready of IPv6?

This 1-day seminar discusses technical details behind IPv6 networking and migrations issues including addressing, QoS, multi-media, security, mobility, and advanced management. Learn IPv6 features on a Cisco router, as well as, IPv6 hosts running Microsoft Windows and Linux.

This course provides baseline technical information and training on the next-generation Internet protocol, IPv6. The goal of this course is to prepare the learner for transitioning to IPv6 based networks. The course covers IPv6 features such as, DNS, DHCP, integrating IPv6 in an IPv4 network, multicast and much more.

Course Outline

- 1 DAY SEMINAR**
- Introduction to IPv6
 - Comparison with IPv4
 - IPv6 Migration
 - IPv6 Addressing
 - Auto configuration
 - EUI 64
 - Dual Stacks
 - IPv6 Transition Mechanisms
 - Configured tunnels
 - 6 to 4 (RFC 3056)
 - ISATAP (Intra-Site Automatic Tunnel Addressing Protocol)
 - 6 over 4 (RFC 2529)
 - Teredo
 - IPv64
 - DSTM Dual Stack Transition Mechanism)
 - Using IPv6 Services
 - Using DNS and DHCP with IPv6
 - Describing IPv6 - Enabled Routing Protocols
 - Discussing Security Issues in IPv6
 - Deploying IPv6
 - LAB: IPv6 Router and Workstation Configuration

**For more information about CTCLC
Authorized IT Training, please contact:
Donna Doan 219-764-3800 x102 DDoan@ctclc.com**