Fast Lane

IPv6 Fundamentals (IPV6FUN)

ID IPV6FUN   **Price** CHF 3,190.—(excl. VAT)   **Duration** 4 days

Who should attend

Administrators, managers, engineers, network architects and network designers.

Prerequisites

- Network fundamentals background.
- Knowledge of Host Operating Systems.
- Hands-on experience in building, managing and/or troubleshooting IPv4 networks on Cisco devices.

Course Objectives

This four-day entry-level IPv6 course comprises theoretical and practical technical training and helps the participants to design, implement, configure and maintain IPv6 networks.

We use a dual-stack lab environment, based on IPv4/IPv6 native addresses for an optimal hands-on learning experience. Dual stack offers the students a real internet access via IPv4 or IPv6. The configuration is executed on Cisco devices, Windows and Linux hosts.

Course Content

- Course Introduction
- IP History and Overview
- IPv6 Header and Extension Header Format
- IPv6 Address Architecture
- IPv6 Supported Platforms
- IPv6 ICMPv6
- IPv6 Applications
- IPv6 Neighbor Discovery Protocol
- IPv6 Migrations Methods
- IPv6 Transition and Address Design
- IPv6 Network Protection
- IPv6 Traffic Filtering
- IPv6 FHRP Protocols
- IPv6 Routing Protocols

Training Centres worldwide

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