VOIP in MPLS Networks
Two Trend Technologies Combined

ExperTeach Networking

VOIP in MPLS Networks

Even if there is no direct connection between MPLS and QoS from the technical viewpoint: It is a fact that almost all MPLS networks have been and continue to be equipped with notable quality of service features. One of the central real-time applications for the utilization of this quality of service is the implementation of voice over IP/IP telephony in MPLS networks. The available product range of ISPs extends from pure transport services for real-time data over VoIP-capable VPNs to a complete IP telephony service, where the customer only requires the end devices. The course will enable the participants to integrate voice solutions on the basis of voice-over-IP over an MPLS network. This includes the pure transport of voice over the data network up to the complete scope of performance of a voice network operator on an MPLS platform.

Course Contents
- MPLS Concepts and Trunk Protocols
- Voice over IP (VoIP) and IP Telephony
- VoIP Signaling: SIP, H.323, MGCP
- The Soft Switch in the MPLS Network
- Gateways into the PSTN
- Quality of Service: 802.1p/Q, QoS for VoIP with MPLS, MPLS with DiffServ
- End-to-End QoS and Mapping
- Appropriate MPLS-VPN Concepts for VoIP/IP Telephony
- Central Service VPN (CS-VPN) for VoIP/IP Telephony

In this course of the ExperTeach Networking series, each student will receive the comprehensive ExperTeach course documentation.

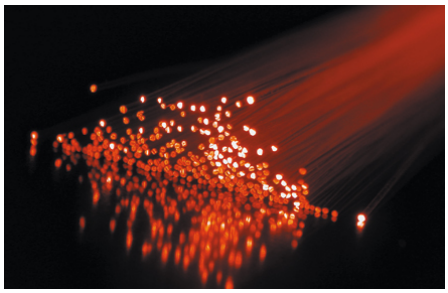
Target Group
The course addresses designers and operators of MPLS networks who wish to implement and optimize integrated voice-over-IP solutions.

Knowledge Prerequisites
A profound knowledge in the fields of IP and IP routing is required. A good basic know-how in the sectors MPLS and voice-over-IP will be helpful, but is not mandatory.

ExperTeach Networking

Reservation and Registration
We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach.de under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



3 days **€ 1,695** exclusive of V.A.T.

Course date (mm/dd/yy)/Location

10/04-10/06/10	Frankfurt	12/20-12/22/10	München

Up-to-date information: www.experteach-training.com MPVO

ExperTeach

Service Provider

ICT Training International

ExperTeach Networking

Table of Contents

VOIP in MPLS Networks – Two Trend Technologies Combined

ExperTeach Gesellschaft für Netzwerkkompetenz mbH
Waldstr. 94 • D-63128 Dietzenbach
Phone +49 6074 4868-0 • Fax +49 6074 4868-109
info@experteach.de • www.experteach.de

© ExperTeach GmbH, all specifications made are exempted from liability.

Status 06/23/2010