ExperTeach NETWORKING

MPLS
Architecture & Design

MPLS is an essential technology in service provider networks and in various campus structures. Depending on the area of application, there are various options for setting up label switched paths. The course explains the functions and the necessary protocol sequences for the operation of MPLS. The content taught enables course participants to plan and implement MPLS networks. In addition, the course provides in-depth knowledge of the applications of the protocol for tailored customer-specific solutions.

Course Contents

- MPLS application scenarios
- Label switching for data transmission
- Label switching routers and label switched paths
- Forwarding Information Base and Forwarding Equivalence Classes
- Label Distribution and LDP
- IP Routing in MPLS Networks
- Rerouting of Label Switched Paths
- VPN Concepts with MPLS
- Basics of BGP-4 and MP-BGP4
- MPLS VPNs and Their Properties
- Quality of Service with MPLS
- VPLS – Virtual Private LAN Service

The course contents will be deepened by hands-on exercises in a router network.

E-Book The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

Target Group

The course is aimed at anyone who wants to understand MPLS in detail at protocol level.

Prerequisites

In-depth knowledge of common LAN and WAN technologies as well as good knowledge of the TCP/IP protocol family including IP routing are required for successful participation in the course. Attending the course TCP/IP - Protocols, Addressing, Routing is recommended as preparation.

This Course in the Web

You can find the up-to-date information and options for ordering under the following link:
www.experteach-training.com/go/**MPLS**

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.
Classes in Germany	3 Days	€ 2,195
Online Training	3 Days	€ 2,195

Date/course venue — Course language German

26/01-28/01/26 HY Frankfurt	11/05-13/05/26 HY Frankfurt
26/01-28/01/26 HY Online	11/05-13/05/26 HY Online

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