

MPLS-TP

MPLS in Transport Network

In 2008, the ITU and IETF founded a joint working group to further develop the concept for the use of MPLS in transport networks, which had previously been known as T-MPLS. The architecture, now known as MPLS-TP (Transport Profile), has since undergone intensive further development and numerous standards have been adopted. Particular attention is paid to the topic of operation and maintenance. This course deals in detail with the operation and application area of MPLS-TP. The differences to the widely used IP-MPLS are particularly emphasized. Discussions and practical examples offer the opportunity to acquire detailed knowledge and to assess the new architecture competently.

Course Contents

- Status of standardization
- Areas of application of MPLS-TP
- MPLS-TP architecture
- Operation and maintenance
- Generic Associated Channel (G-ACh)
- Bidirectional Forwarding Detection (BFD)
- Optional control plane for MPLS-TP
- Integration of MPLS-TP into existing MPLS structures
- Linking with GMPLS
- Protection mechanisms
- Loss and delay management

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 technicians, product managers and developers who want to get to know and understand MPLS-TP.

Prerequisites

Knowledge of the common transport technologies Ethernet and SDH is desirable. Previous knowledge of MPLS is helpful, but not essential.

Course Target

You will learn how MPLS works in principle and the special role that MPLS-TP plays in the operation of infrastructure networks. You will understand how MPLS-TP switches to a secondary path in the event of a fault. Finally, you will gain an understanding of how MPLS-TP architectures will merge with conventional MPLS networks in the coming years.

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/MPTR

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a 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.

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| Training | Prices, excl. of V.A.T. | |
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