



MPLS Seminar

Multi Protocol Label Switching

Multi Protocol Label Switching (MPLS) is the most advanced technology for the realisation of traffic engineering, virtual private networks and service quality classes in large IP networks. Seminar participants (network planners, decision-makers and network operators) will gain an overview of current developments and standards as well as detailed knowledge about the operation of the individual MPLS protocols.

In addition to the technology, emphasis is placed on explaining the concepts of MPLS. The independence of EANTC ensures that the principles of MPLS and recent developments will be presented without any bias to individual

manufacturers.

The seminar is limited to ten participants. In our professionally equipped test laboratory you have the opportunity to try out your newly acquired expertise directly on various routers and analysers under the guidance of our training personnel.

■ **Aim of seminar**

You will learn about the current scope for the application of MPLS. You will know how MPLS works together with other technologies. You will be given an overview of how media independent VPNs are implemented and how MPLS works together with traditional routing protocols. You will have understood the principles of traffic engineering.

■ Seminar contents

- Introduction to MPLS technology and current state of development
- MPLS recovery and protection: Path protection, fast rerouting, BFD, VCCV
- Signalling protocols: LDP, RSVP-TE
- Layer 2 and Layer 3 VPNs (VPLS, BGP/MPLS IP VPN)
- Multicast in BGP/MPLS IP VPNs
- MPLS traffic engineering, concepts and implementation
- Quality of Service: Interaction between MPLS and Differentiated Services
- Hands-on training: Setting up an MPLS network in the lab with switches and emulators, analysis of the signalling and data flows

Dates

Please check

<http://www.eantc.com/seminars/mpls>

for an up-to-date overview of seminar dates.

Price per person

EUR 1 636 + VAT

The participation fee includes seminar material, lunch and light refreshments

Seminar documentation is provided in English. Seminars are held in German or in English.

■ Any questions?

Our courses are all available as cost effective on-site presentations. We will work with you to provide precisely the training you need at the time and place you want.

Please write us an E-mail or give us a call.

**LSP
Label Switched
Path**

**BFD
Bidirectional
Fault Detection**

**VCCV
Virtual Circuit
Connection
Verification**

**VPN
Virtual Private
Networks**

**DiffServ
Differentiated
Services**

**RSVP
Resource
Reservation
Protocol**

**TE
Traffic
Engineering**

■ Registration

I would like to register the following persons:

Company: _____

Seminar: **MPLS** _____

Address: _____

Date: _____

ZIP/City/Country: _____

Participant1: _____

Phone: _____

Participant2: _____

Fax: _____

Participant3: _____

E-mail: _____

Participant4: _____



EANTC AG
Einsteinufer 17
10587 Berlin, Germany
Phone: +49(0)30 31 80 595-0
Fax: +49(0)30 31 80 595-10
E-mail: seminars@eantc.com
Web: <http://www.eantc.com>

Seminar fees are payable at the start of the seminar. Cancellations must be received at least 14 days before the seminar, otherwise a cancellation charge will be made of 50% of the seminar fee. An alternative seminar can be attended if available.

_____ Date Signature