### **MEN@NET TRAINING**





# SAN Services from MEN@NET: fast-acting, secure, highly-performant



The advantages of a Storage Area Network (SAN) are obvious: Efficiency, flexibility, speed and above all disaster tolerance are key factors. Certainly, all network components should be compatible and communicate error-free with each other. The compatibility of different original equipment manufacturers (OEM) equipment is usually an issue before an upcoming expansion of the network. Nevertheless the performance of the SAN should be guaranteed, too. And that is where we come in.

The company specialises in network and performance management of high-speed data networks. We provide a comprehensive product portfolio for your SAN. We have developed our own monitoring software SAN RM and offer services, training, workshops as well as measurement and analysis equipment from popular vendors. Since 1999 we have been your reliable partner in this sector.

## **Fibre Channel Technology Training**

No administrator can afford to manage a network without basic protocol knowledge. There are many well-known and mostly freely available tools. So the use of a protocol analyser is taken for granted today. Appropriate basic knowledge is required for the configuration and operation of networks.



The reality often looks different. Especially Fibre Channel seems to be a closed book for many. Those responsible are usually not aware of the route of data traffic through the SAN and the effects of changes in the network architecture. Basic knowledge in Fibre Channel gives administrators confidence in their daily work and in solving problems. In addition, the knowledge imparted can be used to question the performance promises of manufacturers.

### Target audience

The MEN@NET Fibre Channel technology training is aimed at SAN managers and their employees who are involved in the implementation, operation and maintenance of SAN environments and want to build up their knowledge of Fibre Channel fundamentally.



### Fibre Channel Technology



The goal of the Fibre Channel Technology Training is to give the participant a profound understanding of the architecture and processes of the Fibre Channel protocol. With the training the processes within the SAN become understandable, conceptual errors can be avoided and anomalies can be analysed. Instructions for action and optimisation potentials are presented, after their implementation a flawless operation of the SAN environment can be guaranteed.

#### Fibre Channel Technology Training in brief

- Physical basics of the Fibre Channel Protocol
- Signalling and coding
- Management Services
- Processes in a Fibre Channel Fabric
- Error detection and problem solving
- Analysis tools and standard features
- Guidelines and optimisation potentials

## Our Training Program in Lübeck

You can find the current course schedules at www.menatnet.com. All training courses are also available as in-house training at your company or at another location. Please contact us!

Fibre Channel Technology

Training: Architecture and processes of the Fibre Channel protocol

Reporting with the SANRM API

Workshop: Optimal use of the API included in SAN RM

VM Performance in the SAN

Workshop: Communication of virtual machines in Fibre Channel

SAN Management with SAN RM

Workshop: Optimal use of the monitoring software SAN RM

Fibre Channel Troubleshooting

Training: Detection and analysis of disturbances in the SAN

SAN Performance Monitoring

Workshop: Setting up and implementing effective operational monitoring.

NVMe Technology

Workshop: Use of the non-volatile Memory Express Protocols









We make performance happen • • •