

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.

Training Fibre Channel Troubleshooting

The current variety of applications, systems and networks in the IT sector of every company requires comprehensive expertise. As long as everything goes according to plan, no intervention is usually necessary. However, if problems occur, especially in complex SANs, a quick response is required to avoid far-reaching effects, for example on entire production areas. In MEN@NET training of Fibre Channel Troubleshooting action steps are developed, which simplify a structured error analysis in case of failure. They are based above all on the many years of experience of our experts from a wide variety of customer projects. The consideration of jointly developed recommendations ensures a stable operation of the SAN environment both for daily tasks and for upcoming technology changes.



Target audience

The Fibre Channel Troubleshooting training addresses SAN managers and their employees who want to deepen their knowledge of the Fibre Channel protocol in order to independently detect and analyse possible errors.

 **Fibre Channel Troubleshooting**

By means of practical exercises in the specially set up training laboratory environment, the training participants learn about possible disturbances in the SAN. You will learn how to specifically remedy the disturbances in acute cases. Therefore Fibre Channel protocol basics are deepened and visualised by using the Xgig Fibre Channel Analyser or the monitoring software SAN RM. The participants will be able to identify known potential problems and thus proactively avoid faults.

Training Fibre Channel Troubleshooting in brief

- Functionality of a protocol analyser
- Analysis of an initialisation procedure
- Error detection and communication recovery
- Explanation of the used Time Out values in the Fibre Channel
- Information acquisition via manufacturer's own interfaces
- Proactive fault avoidance
- Development of a structured procedure in the event of a fault

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 SAN RM 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 ● ● ●



training@menatnet.com
www.menatnet.com



MEN@NET GmbH
 Am Flugplatz 4
 23560 Lübeck | Germany



+49 451 5040 500