

SIP – Signalling in data networks

In the IP world, SIP will receive in future the status which SS7-signaling has today within line placement managing networks.

In the future, within multi-service-networks, IP basic knowledge will not be sufficient anymore. Signalling messages will gain more and more importance.

The course informs about the basics of signalling within IP networks using SIP and provides an overview of the current and future applications in fixed-line networks and mobile networks.

Target Group / Requirements

The course is addressed to technical personnel of data-network operating companies which use SIP signalling and the respective architecture in their network. Basic knowledge about data networks is a prerequisite for this course.

Course Content

Signalling in IP networks

- Overview of message content
- Typical procedures overview

SIP basic principles

- Overview relating to the OSI reference model
- SIP architecture
- Gateways
- End devices
- Proxy server
- SIP addressing
- SIP messages and their structure

Typical signaling procedure

- Registration
- Call setup

Session Description Protocol

- SDP for specifying the connection
- SDP parameters

SIP in IP networks

- Voice over IP in data networks
- SIP mobile networks

Certification

Certificates are given to all participants at the end of the course about the successful completion.

Course Duration:

1 day

Course Number:

ND1365

Requirements:

Basic knowledge of data networks

Course Registration:

Please contact us via

- phone: +49 89 1894354-405
- email: training@tfk.de or
- via our website www.tfk.de/training

You will receive a confirmation of your registration. We can also advise you concerning the best combination of course contents.

For clients with special requirements the optimal training concept can be customized. Modules from our training portfolio can be combined to meet your company-specific needs.