

SIP Lab

Practical Application in the Test Network

The SIP lab enables the participants of the 3-day SIP - The Universal Signaling Protocol course to become acquainted with and to configure SIP telephones, the SIP Express Router (SER), and the Asterisk IP-PBX. In the course of the workshop, small-scale VoIP networks will be set up, errors will be identified and rectified, and features will be integrated. Interworking with ISDN accesses can be practiced. For this purpose, the Asterisk open source solution can be used, as well.

Course Contents

The SIP lab constitutes a workshop, where the participants are given the opportunity to set up components on their own, to configure them, and to test the telephony environment.

- Setup and Basic Configuration of SIP Telephones (Soft and Hard Phones) and IADs (Fritzbox, Easybox, Horstbox)
- Configuration of an SIP Proxy (SER)
- Basic Configuration of an SER
- Configuration of an Asterisk IP PBX
- Configuration Files and Syntax
- Tools for the Asterisk PBX—Graphical User Interfaces
- Basic Call
- Activating Acknowledged Registrations
- Recording and Analyzing Traces
- Features
- Call Redirection
- Configuring Voice Mailboxes
- Connecting SIP Environments to the ISDN

Target Group

This workshop is designed for participants of the SIP - The Universal Signaling Protocol course, who wish to transfer the theoretical knowledge imparted into practical application. Particularly those students who will be dealing with VoIP PBXs or end devices in their companies or as providers will profit from this 2-day event.

Knowledge Prerequisites

A profound knowledge of SIP is required to attend the workshop successfully. Attending the SIP course is the optimal preparation and is urgently recommended.



Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach-training.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



2 days €1,195 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

02/09-02/10/12	Wien	07/19-07/20/12	München
02/09-02/10/12	München	07/19-07/20/12	Wien
03/01-03/02/12	Frankfurt	09/06-09/07/12	Frankfurt
04/19-04/20/12	Düsseldorf	10/18-10/19/12	Düsseldorf
06/07-06/08/12	Hamburg	11/29-11/30/12	Hamburg

Up-to-date information: www.experteach-training.com SIPL



EXPERTeach





ExperTeach Gesellschaft für Netzwerkkompetenz mbH

Waldstr. 94 • D-63128 Dietzenbach

Phone +49 6074 4868-0 • Fax +49 6074 4868-109

info@experteach.de • www.experteach.de

© ExperTeach GmbH, all specifications made are exempted from liability.

Status 12/21/2011