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1.6 Build scalable and robust telephony

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by Betty Vaughan-Pope on 1st February

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1

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I've been working in the telephony industry for several years now, mainly with Asterisk based systems. My company is currently in need of a SIP proxy to handle load balancing, and least cost routing, so I decided to go with OpenSIPS (which is the most active version of the original OpenSER project today).

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The first one was Configuration Guide for Asterisk PBX, by BookSurge Publishing, the second was Building Telephony Systems with OpenSER, by Packt Publishing, and the third was Building Telephony Systems With OpenSIPS 1.6, by Packt Publishing. As the CTO of SipPulse, Flavio balances his time between family, work, and fun.

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- Make calls to and from the PSTN and create access control lists to authorize calls
- Install a graphical user interface to simplify the task of provisioning user and system information
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- Install and configure OpenSIPS to authenticate, route, bill, and monitor VoIP calls
- Gain a competitive edge using the most scalable VoIP technology
- Discover the latest features of OpenSIPS with practical examples and case studies

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If you want to understand how to build a SIP provider from scratch using OpenSIPS, then this book is ideal for you. It is beneficial for VoIP providers, large enterprises, and universities. This book will also help readers who were using OpenSER but are now confused with the new OpenSIPS.

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commercial help In Detail FreeSWITCH is an open source telephony platform designed to facilitate the creation of voice and chat-driven products, scaling from a soft-phone to a PBX and even up to an enterprise-class soft-switch. This book introduces FreeSWITCH to IT professionals who want to build their own telephony system. This book starts with a brief introduction to the latest version of FreeSWITCH. We then move on to the fundamentals and the new features added in version 1.6, showing you how to set up a basic system so you can make and receive phone calls, make calls between extensions, and utilize basic PBX functionality. Once you have a basic system in place, we'll show you how to add more and more functionalities to it. You'll learn to deploy the features on the system using unique techniques and tips to make it work better. Also, there are changes in the security-related components, which will affect the

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content in the book, so we will make that intact with the latest version. There are new support libraries introduced, such as SQLite, OpenSS, and more, which will make FreeSWITCH more efficient and add more functions to it. We'll cover these in the new edition to make it more appealing for you.

Style and approach This easy-to-follow guide helps you understand every topic easily using real-world examples of FreeSWITCH tasks. This book is full of practical code so you get a gradual learning curve.

Master the art of advanced VoIP and WebRTC communication with the most dynamic application server, FreeSWITCH

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Written by members of the team who actually helped build FreeSWITCH, it will guide you through some of the newest features of version 1.6 including video transcoding and conferencing. Find out how FreeSWITCH interacts with other tools and APIs, learn how to tackle common (and not so common) challenges ranging from high availability to IVR development and programming advanced PBXs. Great communication functionality begins with FreeSWITCH – find out how and get your project up and running today. Style and

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This book is for programmers who want to learn about real-time communication and utilize the full potential of WebRTC. It is assumed that you have working knowledge of setting up a basic telecom infrastructure as well as basic programming and scripting knowledge.

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