



# SIP Demystified

By Gonzalo Camarillo

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State-of-the-art SIP primer

SIP (Session Initiation Protocol) is the open standard that will make IP telephony an irresistible force in communications, doing for converged services what http does for the Web. *SIP Demystified* – authored by Gonzalo Camarillo, one of the contributors to SIP development in the IETF?gives you the tools to keep your company and career competitive. This guide tells you why the standard is needed, what architectures it supports, and how it interacts with other protocols. As a bonus, you even get a context-setting background in data networking. Perfect if you're moving from switched voice into a data networking environment, here's everything you need to understand:

- \* Where, why, and how SIP is used
- \* What SIP can do and deliver
- \* SIP's fit with other standards and systems
- \* How to plan implementations of SIP-enabled services
- \* How to size up and choose from available SIP products

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## **Editorial Review**

From the Back Cover

SEE SIP IN A BROAD COMMUNICATIONS CONTEXT

ASSESS WHAT SIP CAN DO AND DELIVER

EVALUATE SIP's FIT WITH OTHER STANDARDS AND SYSTEMS

PLAN NEW SIP-ENABLED SERVICES

The Session Initiation Protocol (SIP) is the signalling protocol that will deliver IP multimedia services for the third generation of mobile systems. It will merge together the cellular and Internet worlds. It will provide ubiquitous access to the services it enables, and make us a truly mobile population for the first time. These are not small claims, which might explain why some people have started looking to SIP as an all-purpose solution to building the telecom future.

In fact, SIP is a powerful but limited protocol, with a well-defined scope. This book describes it in the context its framers intended, and meticulously explains how to use it as a transformative tool for telecom services. Written by one of the earliest contributors to SIP development in the IETF, SIP DEMYSTIFIED takes a long look at the "what's" and "why's" of today's most talked-about protocol, helping readers to move past the buzz, get poised for 3G, and start developing tomorrow's applications.

You must read this book if--

- \* You're a telecom engineer, manager, or developer who wants to survive professionally in a converged world
- \* You want a smooth transition from switched circuits to the connectionless paradigm
- \* You want to be first to market with SIP services
- \* You want to know how SIP interacts with other protocols
- \* You need to find out what architectures support SIP
- \* You have questions about QoS, security, and authentication
- \* You want to evaluate SIP products, such as gateways, proxy servers, application servers, SIP phones, instant messaging, and presence applications
- \* You're an industry analyst predicting and rating coming hot products and services
- \* You're a curious noncombatant who can't get enough insider details on how the newest technologies work

SIP DEMYSTIFIED gives you jargon-free explanations of the concepts that set SIP apart from other protocols and the reasons the standard was drafted--so you can decide what to do with it.

### **About the Author**

GONZALO CAMARILLO is the Principal Systems Expert with the Advanced Signaling Research Lab of Ericsson in Helsinki, Finland. An active participant in the IETF's SIP Working Group since its inception, he co-authored several contributions on SIP-related matters. He is also a frequent speaker at VoIP conferences and the Ericsson representative in the SIP Forum. He received an M.Sc. degree in Electrical Engineering from Universidad Politecnica de Madrid and another M.Sc. degree, also in Electrical Engineering, from the Royal Institute of Technology in Stockholm. He is continuing his studies as a Ph.D candidate at Helsinki

University of Technology.

## **Users Review**

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Information is provisions for people to get better life, information these days can get by anyone in everywhere. The information can be a information or any news even a problem. What people must be consider when those information which is from the former life are difficult to be find than now's taking seriously which one is appropriate to believe or which one typically the resource are convinced. If you have the unstable resource then you obtain it as your main information you will have huge disadvantage for you. All of those possibilities will not happen throughout you if you take SIP Demystified as your daily resource information.

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