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Offering Dynamics; 2.5.3 Wireless Summary; 2.6 Conclusion; 3 Basic VoIP Signaling and SIP Concepts; 3.1 Introduction; 3.2 Overview; 3.3 Fundamental SIP Functionality; 3.4 Overview of Operation; 3.5 Structure of the Protocol; 3.6 SIP Details; Appendix A; A.1 Definitions; A.2 SIP Messages; A.2.1 Requests; A.2.2 Responses
A.2.3 Header FieldsA.2.4 Bodies; A.2.5 Framing SIP Messages; A.3 General User Agent Behavior; A.3.1 UAC Behavior; A.3.2 UAS Behavior; A.3.3 Redirect Servers; A.4 Canceling a Request; A.4.1 Client Behavior; A.4.2 Server Behavior; A.5 Registrations; A.5.1 Overview; A.5.2 Constructing the REGISTER Request; A.5.3 Processing REGISTER Requests; A.6 Querying for Capabilities; A.6.1 Construction of OPTIONS Request; A.6.2 Processing of OPTIONS Request; A.7 Dialogs; A.7.1 Creation of a Dialog; A.7.2 Requests within a Dialog; A.7.3 Termination of a Dialog; A.8 Initiating a Session; A.8.1 Overview
A.8.2 UAC ProcessingA.8.3 UAS Processing; A.9 Modifying an Existing Session; A.9.1 UAC Behavior; A.9.2 UAS Behavior; A.10 Terminating a Session; A.10.1 Terminating a Session with a BYE Request; A.11 Proxy Behavior; A.11.1 Overview; A.11.2 Stateful Proxy; A.11.3 Summary of Proxy Route Processing; A.12 Transactions; A.12.1 Client Transaction; A.12.2 Server Transaction; A.13 Transport; A.13.1 Clients; A.13.2 Servers; A.13.3 Framing; A.13.4 Error Handling; A.14 Additional Details; 4 Basic "Presence" Concepts; 4.1 Introduction; 4.2 Abstract Model for a Presence and Instant Messaging
4.2.1 Introduction

Sommario/riassunto

IPv6 (Internet Protocol version 6) is the future of Internet telephony. And this book is your guide to that future. IPv6 is the replacement for the currently used IPv4 (Internet Protocol version 4). IPv6 will offer increased IP addresses (full 128-bit addresses, compared to the 32-bit addresses of IPv4), enhanced security, and greater robustness. It will also be fully "backwards compatible" with existing IPv4 systems. These capabilities will finally make Internet telephony a viable competitor to conventional switched telephone networks. In this book, Dan Minoli clearly explains IPv6 and
