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-- Preface xvii -- PART I PRELIMINARIES -- 1 Introduction to VoIP Networks 3 -- 1.1 Public Switched Telephone Network (PSTN) 3 -- 1.2 Fundamentals of Internet technology 7 -- 1.3 Performance issues in the Internet 11 -- 1.4 Quality of Service (QoS) guarantees 12 -- 1.5 Summary 15 -- 2 Basics of VoIP 17 -- 2.1 Packetization of voice 17 -- 2.2 Networking technology 18 -- 2.3 Architecture overview 18 -- 2.4 Process of making a VoIP call 22 -- 2.5 Deployment issues 23 -- 2.6 VoIP applications and services 26 -- 2.7 Summary 27 -- 3 VoIP Codecs 29 -- 3.1 Codec design overview 29 -- 3.2 Speech coding techniques 31 -- 3.3 Narrowband codecs 34 -- 3.4 Wideband and multirate codecs 36 -- 3.5 VoIP softwares 37 -- 3.6 Summary 38 -- 4 Performance of Voice Codecs 41 -- 4.1 Factors affecting VoIP quality 41 -- 4.2 Voice quality assessment 43 -- 4.3 Subjective measures and MOS score 44 -- 4.4 Conversational opinion score 45 -- 4.5 E-Model 46 -- 4.6 Sensitivity to loss 48 -- 4.7 Perceptual Evaluation of Speech Quality (PESQ) 50 -- 4.8 Tools for lab testbed setup 53 -- 4.9 Voice input/output tools 55 -- 4.10 Summary 57 -- 5 VoIP Protocols 59 -- 5.1 Introduction 59 -- 5.2 Signaling protocols 61 -- 5.3 Media transport protocols 70 -- 5.4 Summary 71 -- PART II VOIP IN OVERLAY NETWORKS -- 6 Overlay Networks 75 -- 6.1 Internet communication overview 75 -- 6.2 Limitations of the Internet 77 -- 6.3 Overlay networks 78 -- 6.4 Applications of overlay networks 82 -- 6.5 Summary 86 -- 7 P2P Technology 87 -- 7.1 P2P communication overview 87 -- 7.2 Classification of P2P networks 89 -- 7.3 Unstructured overlays 90 -- 7.4 Structured overlays / Distributed Hash Tables (DHTs) 92 -- 7.5 Types of DHT 96 -- 7.6 Semi-structured overlays 100 -- 7.7 Keyword search using DHT 101 -- 7.8 Summary 102 -- 8 VoIP over Infrastructure Overlays 103 -- 8.1 Introduction 104 -- 8.2 VoIP over overlay / generic architecture 104 -- 8.3 Methods to enhance VoIP quality 105 -- 8.4 Estimating network quality 110 -- 8.5 Route computation 114. 8.6 Perceived enhancement of VoIP quality 115 -- 8.7 Summary 116 -- 9 VoIP over P2P 119 -- 9.1 VoIP over P2P overlay / generic architecture 119 -- 9.2 VoIP issues in P2P overlay 120 -- 9.3 Case study: Skype 122 -- 9.4 Standardization 130 -- 9.5 Summary 130 -- PART III VOIP IN WIRELESS NETWORKS -- 10 IEEE 802.11 Wireless Networks 135 -- 10.1 Network architecture overview 135 -- 10.2 Network access management 137 -- 10.3 Basic medium access protocol 139 -- 10.4 Physical layer 142 -- 10.5 Network resource management 144 -- 10.6 IEEE 802.11 standardization overview 147 -- 10.7 Summary 148 -- 11 Voice over IEEE 802.11 Wireless Networks 149 -- 11.1 VoIP over WLAN performance problems 149 -- 11.2 VoIP capacity 151 -- 11.3 VoIP packet prioritization 155 -- 11.4 Handoff performance 157 -- 11.5 Reliable delivery 160 -- 11.6 Client power management 161 -- 11.7 Issues in mesh networks 161 -- 11.8 Summary 163 -- 12 IEEE 802.16 WiMAX 165 -- 12.1 WiMAX overview 165 -- 12.2 IEEE 802.11 MAC protocol architecture 166 -- 12.3 MAC layer framing 168 -- 12.4 Physical layer 170 -- 12.5 Radio resource management 174 -- 12.6 Competing technologies 175 -- 12.7 Summary 176 -- 13 Voice over WiMAX 177 -- 13.1 Introduction 177 -- 13.2 VoIP service delivery over WiMAX network 178 -- 13.3 QoS architecture 179 -- 13.4 Call admission control 181 -- 13.5 Uplink QoS control 181 -- 13.6 Enhanced QoS control for VoIP 182 -- 13.7 MAC enhancement strategies 185 -- 13.8 Comparison with competing technologies 187 -- 13.9 Summary 187 -- PART IV VOIP IN ENTERPRISE NETWORKS -- 14 Private Branch Exchange (PBX) 191 -- 14.1 Private Branch Exchange (PBX) 191 -- 14.2 Case study: Asterisk open-source IP-PBX 195 --

14.3 Summary 206 -- 15 Network Address Translation (NAT) and Firewall 207 -- 15.1 Introduction 208 -- 15.2 NAT fundamentals 208 -- 15.3 Applications of NAT 210 -- 15.4 Types of NAT 212 -- 15.5 Firewall 214 -- 15.6 NAT traversal solutions 214 -- 15.7 NAT traversal in H.323 219 -- 15.8 Summary 220 -- PART V VOIP SERVICE DEPLOYMENT.

16 Supporting Services and Applications 223 -- 16.1 Domain Name System (DNS) 223 -- 16.2 ENUM 225 -- 16.3 Network monitoring 225 -- 16.4 Direct Inward Dialing (DID) 226 -- 16.5 Emergency calling (911) 226 -- 16.6 Fax 227 -- 16.7 Summary 228 -- 17 Security and Privacy 231 -- 17.1 Security and privacy issues 232 -- 17.2 Generic issues 232 -- 17.3 VoIP-related issues 234 -- 17.4 Solutions 236 -- 17.5 Recommendations 239 -- 17.6 Summary 240 -- 18 IP Multimedia Subsystem (IMS) 241 -- 18.1 Introduction 241 -- 18.2 Architecture design goals 242 -- 18.3 IMS advantages 243 -- 18.4 IMS architecture organization 244 -- 18.5 Network Attachment SubSystem (NASS) 246 -- 18.6 Resource Admission Control Subsystem (RACS) 247 -- 18.7 IMS core subsystem 247 -- 18.8 IMS QoS management 249 -- 18.9 QoS provisioning approach 249 -- 18.10 Summary 251 -- Index 253.

Sommario/riassunto

Voice over Internet Protocol (VoIP) is revolutionizing the way people communicate - both in the corporate world and in personal life. The enormous success of VoIP has led to its adoption in a wide range of networking technologies. Each network technology has its unique features and poses distinct challenges to the performance of VoIP. VoIP: Wireless, P2P and New Enterprise Voice over IP describes the issues arising in the deployment of VoIP in an emerging heterogeneous network environment. Along with a brief overview of the concepts, protocols, algorithms, and equipment involved in realizing VoIP, this book focuses on two areas; quality and performance issues in deploying VoIP, this book focuses on two areas: quality and performance issues in deploying VoIP over various network settings, and the new mechanisms and protocols in these emerging networks to assist the deployment of VoIP. This book is an invaluable resource for professional network engineers, designers, managers, researchers, decision makers and project managers overseeing VoIP implementations. Market analysts, consultants, and those studying advanced undergraduate and graduate courses on data, voice and multimedia communications will also find this book insightful. VoIP; Wireless, P2P and New Enterprise Voice over IP: . Discusses the basics of VoIP, VoIP codecs and VoIP protocols including SIP and H.323. . Details new technologies such as P2P technology, VoWiFi, WiMax, and 3G networks. . Explains the QoS issues arising from deploying VoIP using the new technologies. . Solves the performance issues that emerge when VoIP is deployed over different network technologies.
