

1. Record Nr.	UNINA9910827880403321
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Titolo	VoIP : wireless, P2P and New Enterprise Voice Over IP / / Samrat Ganguly, Sudeept Bhatnagar
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : Wiley, c2008
ISBN	9786612350184 9781282350182 1282350188 9780470997925 0470997923 9780470997918 0470997915
Edizione	[1st ed.]
Descrizione fisica	1 online resource (278 p.)
Altri autori (Persone)	BhatnagarSudeept
Disciplina	004.69/5
Soggetti	Internet telephony
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
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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.
