



Voice over IP Fundamentals (2nd Edition)

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Cisco Press, 2006. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: IntroductionPart I PSTNChapter 1 Overview of the PSTN and Comparisons to Voice over IP The Beginning of the PSTN Understanding PSTN Basics Analog and Digital Signaling Digital Voice Signals Local Loops, Trunks, and Interswitch Communication PSTN Signaling PSTN Services and Applications PSTN Numbering Plans Drivers Behind the Convergence Between Voice and Data Networking Drawbacks to the PSTN Packet Telephony Network Drivers Standards-Based Packet Infrastructure Layer Open Call-Control Layer VoIP Call-Control Protocols Open Service Application Layer New PSTN Network Infrastructure Model SummaryChapter 2 Enterprise Telephony Today Similarities Between PSTN and ET Differences Between PSTN and ET Signaling Treatment Advanced Features Common ET and PSTN Interworking ET Networks Provided by PSTN Private ET Networks SummaryChapter 3 Basic Telephony Signaling Signaling Overview Analog and Digital Signaling Direct Current Signaling8 In-Band and Out-of-Band Signaling Loop-Start and Ground-Start Signaling CAS and CCS E & M Signaling Type I Type II Type III Type IV Type V CAS Bell System MF Signaling CCITT No. 5 Signaling R1 R2 ISDN ISDN Service5 ISDN Access Interface6 ISDN L2 and L3 Protocols Basic ISDN Call QSIG QSIG Service4 QSIG Architecture and Reference...



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