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Authentication; Authentication defined; Details of 802.1x authentication; Use a VoIP-enabled firewall; Use 802.1X authentication for IP phones; Attacking VoIP Authentication; Encrypt the traffic; Authentication on wireless networks; Summary
Chapter 6 - Other protocolsOther protocols; Overview of Real-Time Transport Protocol and Real-Time Transport Control Protocol (RTCP); RTCP; Function of Secure RTP; Enter SRTP and SRTCP; SRTP framework; Secure RTP using ZRTP; Mikey; Modes of MIKEY; Preshared key transfer; Public key transfer; Public key with Diffie-Hellman exchange; Transport protocols; Signaling: Session Initiation Protocol; Attacks on SIP; Denial of service; BYE; Authentication; Secure SIP; Transport and network layer security; Summary; Chapter 7 - The business case for securing VoIP; Before we start
Overview of the RFC 2196Internal issues; Toll fraud - a big threat; Summary; Chapter 8 - Approaches to VoIP security; Before we start; Build it in layers; Some best practices for infrastructure security; Integrating network security; Additional thoughts and items; Registration spoofing; Summary; Chapter 9 - Final thoughts; Before we start; What we have already covered; Vendor issues; Controlling the risks; PBX best practices; Summary; Index

Sommario/riassunto

Securing VoIP: Keeping Your VoIP Network Safe will show you how to take the initiative to prevent hackers from recording and exploiting your company's secrets. Drawing upon years of practical experience and using numerous examples and case studies, technology guru Bud Bates discusses the business realities that necessitate VoIP system security and the threats to VoIP over both wire and wireless networks. He also provides essential guidance on how to conduct system security audits and how to integrate your existing IT security plan with your VoIP system and security plans, helping you prevent
