Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures

Peter Thermos, Ari Takanen

Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures

Peter Thermos, Ari Takanen

Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures Peter Thermos, Ari Takanen
In *Securing VoIP Networks,* two leading experts systematically review the security risks and vulnerabilities associated with VoIP networks and offer proven, detailed recommendations for securing them. Drawing on case studies from their own fieldwork, the authors address VoIP security from the perspective of real-world network implementers, managers, and security specialists. The authors identify key threats to VoIP networks, including eavesdropping, unauthorized access, denial of service, masquerading, and fraud; and review vulnerabilities in protocol design, network architecture, software, and system configuration that place networks at risk. They discuss the advantages and tradeoffs associated with protection mechanisms built into SIP, SRTP, and other VoIP protocols; and review key management solutions such as MIKEY and ZRTP. Next, they present a complete security framework for enterprise VoIP networks, and provide detailed architectural guidance for both service providers and enterprise users.

1   Introduction
2   VoIP Architectures and Protocols
3   Threats and Attacks
4   VoIP Vulnerabilites
5   Signaling Protection Mechanisms
6   Media Protection Mechanisms
7   Key Management Mechanisms
8   VoIP and Network Security Controls
9   A Security Framework for Enterprise VoIP Networks
10   Provider Architectures and Security
11   Enterprise Architectures and Security

Download and Read Free Online Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures Peter Thermos, Ari Takanen

---

From reader reviews:

Fernando Rowe:

The book Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures can give more knowledge and also the precise product information about everything you want. Why must we leave the great thing like a book Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures? A number of you have a different opinion about reserve. But one aim this book can give many details for us. It is absolutely correct. Right now, try to closer together with your book. Knowledge or data that you take for that, it is possible to give for each other; you may share all of these. Book Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures has simple shape but the truth is know: it has great and big function for you. You can look the enormous world by start and read a book. So it is very wonderful.

Ciara Wolfe:

Reading a guide can be one of a lot of task that everyone in the world loves. Do you like reading book therefore. There are a lot of reasons why people fantastic. First reading a guide will give you a lot of new data. When you read a e-book you will get new information because book is one of several ways to share the information or even their idea. Second, reading a book will make anyone more imaginative. When you reading through a book especially tale fantasy book the author will bring one to imagine the story how the figures do it anything. Third, you could share your knowledge to other individuals. When you read this Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures, you are able to tells your family, friends and also soon about yours guide. Your knowledge can inspire others, make them reading a book.

Russell Diamond:

A lot of people always spent all their free time to vacation or perhaps go to the outside with them household or their friend. Did you know? Many a lot of people spent these people free time just watching TV, or playing video games all day long. If you need to try to find a new activity here is look different you can read the book. It is really fun for you. If you enjoy the book that you simply read you can spent 24 hours a day to reading a publication. The book Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures it is very good to read. There are a lot of those who recommended this book. These folks were enjoying reading this book. In case you did not have enough space to create this book you can buy typically the e-book. You can m0ore very easily to read this book from the smart phone. The price is not too costly but this book offers high quality.

Charles Myers:

Many people said that they feel bored when they reading a reserve. They are directly felt the idea when they get a half parts of the book. You can choose the book Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures to make your reading is interesting. Your own skill of reading skill is developing when you like reading. Try to choose simple book to make you enjoy you just read it and mingle the sensation about

book and reading especially. It is to be initial opinion for you to like to open up a book and go through it. Beside that the e-book Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures can to be your friend when you're feel alone and confuse in what must you're doing of that time.

Download and Read Online Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures Peter Thermos, Ari Takanen #A17HYBPUEV5

Read Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen for online ebook

Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen books to read online.

Online Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen ebook PDF download

Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen Doc

Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen Mobipocket

Securing VoIP Networks: Threats, Vulnerabilities, and Countermeasures by Peter Thermos, Ari Takanen EPub