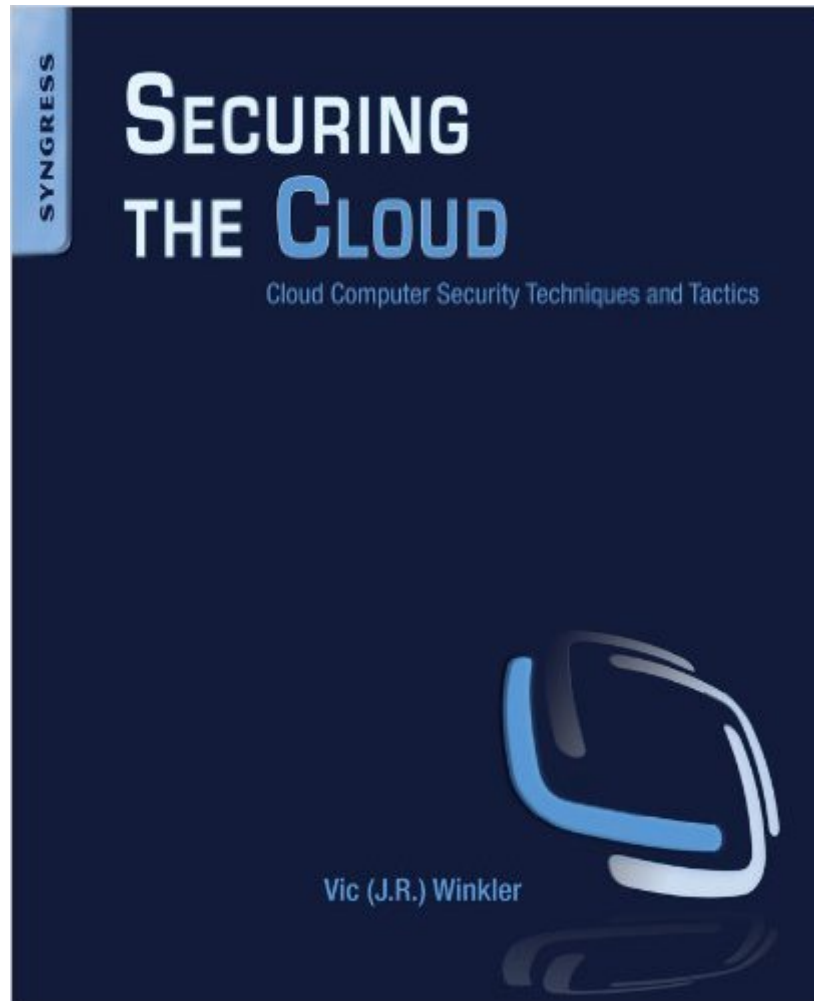


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# Securing The Cloud: Cloud Computer Security Techniques And Tactics



## Synopsis

As companies turn to burgeoning cloud computing technology to streamline and save money, security is a fundamental concern. Loss of certain control and lack of trust make this transition difficult unless you know how to handle it. *Securing the Cloud* discusses making the move to the cloud while securing your piece of it! The cloud offers flexibility, adaptability, scalability, and in the case of security, resilience. This book details the strengths and weaknesses of securing your company's information with different cloud approaches. Attacks can focus on your infrastructure, communications network, data, or services. The author offers a clear and concise framework to secure your business' assets while making the most of this new technology. Named The 2011 Best Identity Management Book by InfoSec Reviews, it provides a sturdy and stable framework to secure your piece of the cloud, considering alternate approaches such as private vs. public clouds, SaaS vs. IaaS, and loss of control and lack of trust. It discusses the cloud's impact on security roles, highlighting security as a service, data backup, and disaster recovery. It details the benefits of moving to the cloud—solving for limited availability of space, power, and storage.

## Book Information

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## Customer Reviews

Cloud computing is one of the hottest technologies around. Using it as a barometer, there are scores of books on cloud computing. Companies are spending billions of dollars migrating applications and data centers to the cloud. In fact, one is hard pressed to find many of the Fortune 500 who has not yet used some semblance of cloud computing. But in the rush to move to the cloud, many companies have neglected to ensure that cloud security is built into their model. Firms often assume that a cloud vendor is a secure cloud vendor. Nothing could be further from the truth. Not all cloud vendors are created equal and the levels of security and privacy protection they provide ranges from world class to world's worst. With that, *Securing the Cloud: Cloud Computer Security Techniques and Tactics* provides the reader with a good overview of what you need to do to ensure that your cloud-based infrastructure provides you with an adequate level of security. At 275 pages, the book provides the reader with a comprehensive overview of the core topics around cloud security. The 10 chapters progress from introduction to more detailed technical issues, all in an easy to read style. The book is written for those who need a good high-level framework in which to design security around their cloud initiatives. The author provides many real-world examples of how you can implement the various scenarios he details. This makes some of the more abstract concepts a bit easier to understand. The first two chapters of the book provide the reader with an introduction to cloud computing and security and the various cloud computing architectures.

Securing the cloud is perhaps one of the most difficult things to do on a network. Unless you're building your own cloud you will be relying on vendors that provide the cloud service. It can be hard to understand the topology which is key for network administration implementation, intrusion detection, auditing and forensics. Cloud computing is beginning to redefine how we use our computers on the network and redefining networks themselves as we move away from information and programs being stored and installed locally. Author JR Winkler has done an outstanding job detailing what a network cloud is, how it functions, its advantages, disadvantages and how to secure it. Winkler takes the reader through the basic idea of a cloud through the design architecture, storage and security. How to plan for your cloud, testing and implementation. Building a data center including specifications, planning for expansion etc. Other than the subject of security one of the most useful parts of the book is dedicated to asking all of the right questions of your csp (cloud service provider). I found this book easy to read and understand. There aren't a lot of screen shots here and that's ok. It means more space dedicated to technical explanation however when there are screen shots they are very useful. I found this book to be very complete. It's laid out in an order that

makes sense. I believe that a novice network administrator or even someone vaguely interested in network computing will find that this book makes sense. Securing the cloud is written in chronological order from idea to completion. Very easy to understand.

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