DNS Security

Synopsis

This book provides a comprehensive coverage of DNS security. It will give the reader an in depth understanding of how DNS works securely. After reading the book, the reader will be able to complete the setup of DNS knowing which architecture and what type of software and configuration he will need to have, given the working environment (e.g., large, medium or small corporation, educational organization, government).

Book Information

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Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

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Customer Reviews

DNS security is an issue that often get overlooked until there is a major service outage. Running DNS is almost maintenance free until getting attacked. While most of small fish may be able to stay hidden, DNS for ISPs, content providers, or large corporate networks have to stay vigilant to prepare for worst case otherwise their business may suffer the consequence.This book covers many DNS security topics of running a large scale DNS service. The author, a network security researcher, have been working with AT&T operations on DNS security issues for many years. The book is written with a perceptive from a security researcher's yet it is clear and concise manner with ample illustrated examples such that people familiar with DNS can follow. People not comfortable with math may find detection algorithms bit hard to follow in some sections but that they can still benefit from many insights through out the book. This book is about taking DNS service to the next level.Unlike most of DNS books out there, this is the very first book that examines topics DNS security issues holistically instead as yet another book chapter. The book contains many gems. Chapter 4 includes many basic algorithms already used in AT&T network to monitor and detect DNS attacks and anomalies in traffic. Chapter 6 has the best presentation of DNSSEC protocol with insights behind the implementation.

DNS infrastructure , security and design is a very unglamorous and underated field of expertise. Yet the growth and use of cloud technologies , mobile device usage and an every more complex app ecosystem all assume a working & secure foundation of DNS services underpinning all critical transactions & services. At $11 dollars this book is a steal, buy it :)

I could read this book over and over to glean more information around attack vectors and threats for DNS. One to keep close by if you deal with DNS security

Great read! Used it for class. But wished that there is a hardcover/softcover book in print, not just the kindle version. Concepts explained well enough.

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