



# Implementing Database Security and Auditing

By Ron Ben Natan

Download now

Read Online 

## Implementing Database Security and Auditing By Ron Ben Natan

This book is about database security and auditing. You will learn many methods and techniques that will be helpful in securing, monitoring and auditing database environments. It covers diverse topics that include all aspects of database security and auditing - including network security for databases, authentication and authorization issues, links and replication, database Trojans, etc. You will also learn of vulnerabilities and attacks that exist within various database environments or that have been used to attack databases (and that have since been fixed). These will often be explained to an “internals” level. There are many sections which outline the “anatomy of an attack” – before delving into the details of how to combat such an attack. Equally important, you will learn about the database auditing landscape – both from a business and regulatory requirements perspective as well as from a technical implementation perspective.

- \* Useful to the database administrator and/or security administrator - regardless of the precise database vendor (or vendors) that you are using within your organization.
- \* Has a large number of examples - examples that pertain to Oracle, SQL Server, DB2, Sybase and even MySQL..
- \* Many of the techniques you will see in this book will never be described in a manual or a book that is devoted to a certain database product.
- \* Addressing complex issues must take into account more than just the database and focusing on capabilities that are provided only by the database vendor is not always enough. This book offers a broader view of the database environment - which is not dependent on the database platform - a view that is important to ensure good database security.

 [Download Implementing Database Security and Auditing ...pdf](#)

 [Read Online Implementing Database Security and Auditing ...pdf](#)



# Implementing Database Security and Auditing

*By Ron Ben Natan*

## **Implementing Database Security and Auditing** By Ron Ben Natan

This book is about database security and auditing. You will learn many methods and techniques that will be helpful in securing, monitoring and auditing database environments. It covers diverse topics that include all aspects of database security and auditing - including network security for databases, authentication and authorization issues, links and replication, database Trojans, etc. You will also learn of vulnerabilities and attacks that exist within various database environments or that have been used to attack databases (and that have since been fixed). These will often be explained to an “internals” level. There are many sections which outline the “anatomy of an attack” – before delving into the details of how to combat such an attack. Equally important, you will learn about the database auditing landscape – both from a business and regulatory requirements perspective as well as from a technical implementation perspective.

\* Useful to the database administrator and/or security administrator - regardless of the precise database vendor (or vendors) that you are using within your organization.

\* Has a large number of examples - examples that pertain to Oracle, SQL Server, DB2, Sybase and even MySQL..

\* Many of the techniques you will see in this book will never be described in a manual or a book that is devoted to a certain database product.

\* Addressing complex issues must take into account more than just the database and focusing on capabilities that are provided only by the database vendor is not always enough. This book offers a broader view of the database environment - which is not dependent on the database platform - a view that is important to ensure good database security.

## **Implementing Database Security and Auditing** By Ron Ben Natan Bibliography

- Sales Rank: #979546 in Books
- Brand: Brand: Digital Press
- Published on: 2005-05-02
- Released on: 2005-04-18
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .98" w x 7.25" l, 1.63 pounds
- Binding: Paperback
- 432 pages

 [Download Implementing Database Security and Auditing ...pdf](#)

 [Read Online Implementing Database Security and Auditing ...pdf](#)



## **Editorial Review**

### Review

"It's been said that everyone has their 15 minutes of fame. You certainly don't want to gain yours by allowing a security breach in your database environment or being the unfortunate victim of one. Information and Data are the currency of On Demand computing, and protecting their integrity and security has never been more important. Ron's book should be compulsory reading for managing and maintaining a secure database environment." Bob Picciano, VP Database Servers, IBM.

"Today, databases house our 'information crown jewels', but database security is one of the weakest areas of most information security programs. With this excellent book, Ben-Natan empowers you to close this database security gap and raise your database security bar!" Bruce W. Moulton. CISO/VP, Fidelity Investments (1995 - 2001)

"Let's start with a simple truth about today's world: If you have a database and you make it available to customers, employees, or whomever over a network, that database will be attacked by hackers -- probably sooner rather than later. If you are responsible for that database's security, then you need to read this book. No other single source covers all of the many disciplines and layers involved in protecting exposed databases, and it especially shines in synthesizing all of its concepts and strategies into very practical and specific checklists of things you need to do. I've been an Oracle DBA for 15 years, but I'm not embarrassed to admit that five minutes into Chapter One I was making notes on simple measures I had overlooked." -- Charles McClain, Senior Oracle DBA, North River Consulting, Inc.

"In just over 400 pages the author manages to quite thoroughly cover a wide variety of database security topics. Whether you want to learn more about encryption, authentication and password control, or access control, this book provides help." - dbazine.com, Craig Mullins

"I learned some new information that I would not have known if I hadn't been exposed to it by this book." - C.J. Kelly *Computerworld*

### From the Back Cover

"Today, databases house our 'information crown jewels', but database security is one of the weakest areas of most information security programs. With this excellent book, Ben-Natan empowers you to close this database security gap and raise your database security bar!" Bruce W. Moulton. CISO/VP, Fidelity Investments (1995 - 2001)

"Let's start with a simple truth about today's world: If you have a database and you make it available to customers, employees, or whomever over a network, that database will be attacked by hackers -- probably sooner rather than later. If you are responsible for that database's security, then you need to read this book. No other single source covers all of the many disciplines and layers involved in protecting exposed databases, and it especially shines in synthesizing all of its concepts and strategies into very practical and specific checklists of things you need to do. I've been an Oracle DBA for 15 years, but I'm not embarrassed to admit that five minutes into Chapter One I was making notes on simple measures I had overlooked." -- Charles McClain, Senior Oracle DBA, North River Consulting, Inc.

This book is about database security and auditing. You will learn many methods and techniques that will be helpful in securing, monitoring and auditing database environments. It covers diverse topics that include all

aspects of database security and auditing - including network security for databases, authentication and authorization issues, links and replication, database Trojans, etc. You will also learn of vulnerabilities and attacks that exist within various database environments or that have been used to attack databases (and that have since been fixed). These will often be explained to an “internals” level. There are many sections which outline the “anatomy of an attack” – before delving into the details of how to combat such an attack. Equally important, you will learn about the database auditing landscape – both from a business and regulatory requirements perspective as well as from a technical implementation perspective.

#### Features:

- \* Useful to the database administrator and/or security administrator – regardless of the precise database vendor (or vendors) that you are using within your organization.
- \* Has a large number of examples – examples that pertain to Oracle, SQL Server, DB2, Sybase and even MySQL..
- \* Many of the techniques you will see in this book will never be described in a manual or a book that is devoted to a certain database product.
- \* Addressing complex issues must take into account more than just the database and focusing on capabilities that are provided only by the database vendor is not always enough. This book offers a broader view of the database environment – which is not dependent on the database platform – a view that is important to ensure good database security.

Ron Ben Natan Ron Ben Natan is CTO at Guardium Inc., a leader in database security and auditing. Prior to Guardium Ron worked for companies such as Intel, AT&T Bell Laboratories, Merrill Lynch, J.P. Morgan and ViryaNet. He holds a Ph.D. in the field of distributed computing from the University of Jerusalem. Ron is an expert on the subject of distributed application environments, application security and database security and has authored nine technical books and numerous articles on these topics.

#### About the Author

Ron Ben-Natan is Chief Technical Officer at Guardium, a leader in database and application security. Ron is an expert in the field of application security, database security and enterprise applications. He is also an expert in distributed computing, J2EE applications, and Web services. He has published 9 technical books including several best-selling WebSphere application server books and over 40 technical articles.

#### Books published:

CORBA, McGraw Hill, 353pp, 0070054274

Objects on the Web, McGraw Hill, 488pp, 0070062811

CORBA on the Web, McGraw Hill, 432pp, 0070067244

IBM San Francisco Developer's Guide, McGraw Hill, co-authored with Ori Sasson, 928pp, 0071351779

IBM WebSphere Starter Kit, Osborne/McGraw Hill, co-authored with Ori Sasson, 720pp, 0072124075

Web Applications - Published in Japanese for the Japanese market, co-authored with Ori Sasson

Integrating Service Level Agreements, John Wiley & Sons, co-authored with John Lee, 352pp, 0471210129

IBM WebSphere Application Server - the Complete Reference, Osborne/McGraw Hill, co-authored with Ori

Sasson, 997pp, 0072223944

Mastering WebSphere Portal, John Wiley & Sons, co-authored with Richard Gornitsky, Tim Hannis, and Ori Sasson, 552pp, 0764539914

## **Users Review**

### **From reader reviews:**

#### **Philip Logan:**

Implementing Database Security and Auditing can be one of your starter books that are good idea. All of us recommend that straight away because this publication has good vocabulary that could increase your knowledge in language, easy to understand, bit entertaining however delivering the information. The writer giving his/her effort to place every word into satisfaction arrangement in writing Implementing Database Security and Auditing but doesn't forget the main position, giving the reader the hottest as well as based confirm resource information that maybe you can be one of it. This great information may drawn you into brand new stage of crucial considering.

#### **Michael Turner:**

This Implementing Database Security and Auditing is great guide for you because the content that is certainly full of information for you who all always deal with world and have to make decision every minute. That book reveal it data accurately using great organize word or we can point out no rambling sentences in it. So if you are read this hurriedly you can have whole info in it. Doesn't mean it only offers you straight forward sentences but hard core information with lovely delivering sentences. Having Implementing Database Security and Auditing in your hand like getting the world in your arm, facts in it is not ridiculous a single. We can say that no publication that offer you world in ten or fifteen minute right but this book already do that. So , this is good reading book. Hi Mr. and Mrs. active do you still doubt that will?

#### **Kelli Smith:**

Beside that Implementing Database Security and Auditing in your phone, it may give you a way to get more close to the new knowledge or info. The information and the knowledge you may got here is fresh from the oven so don't become worry if you feel like an previous people live in narrow community. It is good thing to have Implementing Database Security and Auditing because this book offers for you readable information. Do you at times have book but you seldom get what it's facts concerning. Oh come on, that won't happen if you have this in the hand. The Enjoyable arrangement here cannot be questionable, just like treasuring beautiful island. Use you still want to miss this? Find this book and also read it from now!

#### **Ruth Mullins:**

You may get this Implementing Database Security and Auditing by visit the bookstore or Mall. Just simply viewing or reviewing it may to be your solve challenge if you get difficulties for your knowledge. Kinds of this e-book are various. Not only by written or printed but also can you enjoy this book through e-book. In

the modern era like now, you just looking by your mobile phone and searching what your problem. Right now, choose your own ways to get more information about your publication. It is most important to arrange you to ultimately make your knowledge are still revise. Let's try to choose appropriate ways for you.

**Download and Read Online Implementing Database Security and Auditing By Ron Ben Natan #CZD87OXY34N**



# **Read Implementing Database Security and Auditing By Ron Ben Natan for online ebook**

Implementing Database Security and Auditing By Ron Ben Natan 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 Implementing Database Security and Auditing By Ron Ben Natan books to read online.

## **Online Implementing Database Security and Auditing By Ron Ben Natan ebook PDF download**

**Implementing Database Security and Auditing By Ron Ben Natan Doc**

**Implementing Database Security and Auditing By Ron Ben Natan Mobipocket**

**Implementing Database Security and Auditing By Ron Ben Natan EPub**

**CZD87OXY34N: Implementing Database Security and Auditing By Ron Ben Natan**