

Read Online Database Security
And Auditing Protecting Data
Integrity And Accessibility

Database Security And Auditing Protecting Data Integrity And

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Accessibility

*Best Practices for
Comprehensive Oracle
Database Security
Written by renowned
experts from Oracle's*

Page 2/211

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*National Security Group,
Oracle Database 12c
Security provides proven
techniques for
designing, implementing,
and certifying secure
Oracle Database systems*

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*in a multitenant
architecture. The
strategies are also
applicable to standalone
databases. This Oracle
Press guide addresses
everything from*

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*infrastructure to audit
lifecycle and describes
how to apply security
measures in a holistic
manner. The latest
security features of
Oracle Database 12c are*

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*explored in detail with
practical and easy-to-
understand examples.*

*Connect users to
databases in a secure
manner Manage identity,
authentication, and*

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*access control Implement
database application
security Provide
security policies across
enterprise applications
using Real Application
Security Control data*

Read Online Database Security And Auditing Protecting Data Integrity And Accessibility *access with Oracle*

*Virtual Private Database
Control sensitive data
using data redaction and
transparent sensitive
data protection Control
data access with Oracle*

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Label Security Use

Oracle Database Vault

and Transparent Data

Encryption for

compliance,

cybersecurity, and

insider threats

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*Implement auditing
technologies, including
Unified Audit Trail
Manage security policies
and monitor a secure
database environment
with Oracle Enterprise*

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Manager Cloud Control

*"This book provides
comprehensive coverage
of issues associated
with maintaining
business protection in
digital environments,*

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*containing base level
knowledge for managers
who are not specialists
in the field as well as
advanced undergraduate
and postgraduate
students undertaking*

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*research and further
study"--Provided by
publisher.*

*This Oracle Press eBook
is filled with cutting-
edge security techniques
for Oracle Database 12c.*

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It covers

*authentication, access
control, encryption,
auditing, controlling
SQL input, data masking,
validating configuration
compliance, and more.*

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Each chapter covers a single threat area, and each security mechanism reinforces the others. Protect your data from attack by using SQL Server technologies to

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*implement a defense-in-
depth strategy for your
database enterprise.*

*This new edition covers
threat analysis, common
attacks and
countermeasures, and*

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*provides an introduction
to compliance that is
useful for meeting
regulatory requirements
such as the GDPR. The
multi-layered approach
in this book helps*

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*ensure that a single
breach does not lead to
loss or compromise of
confidential, or
business sensitive data.
Database professionals
in today's world deal*

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*increasingly with
repeated data attacks
against high-profile
organizations and
sensitive data. It is
more important than ever
to keep your company's*

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*data secure. Securing
SQL Server demonstrates
how developers,
administrators and
architects can all play
their part in the
protection of their*

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*company's SQL Server
enterprise. This book
not only provides a
comprehensive guide to
implementing the
security model in SQL
Server, including*

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*coverage of technologies
such as Always
Encrypted, Dynamic Data
Masking, and Row Level
Security, but also looks
at common forms of
attack against*

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*databases, such as SQL
Injection and backup
theft, with clear,
concise examples of how
to implement
countermeasures against
these specific*

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scenarios. Most importantly, this book gives practical advice and engaging examples of how to defend your data, and ultimately your job, against attack and

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*compromise. What You'll
Learn Perform threat
analysis Implement
access level control and
data encryption Avoid
non-reputability by
implementing*

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comprehensive auditing

*Use security metadata to
ensure your security
policies are enforced*

*Mitigate the risk of
credentials being stolen*

Put countermeasures in

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*place against common
forms of attack Who This
Book Is For Database
administrators who need
to understand and
counteract the threat of
attacks against their*

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*company's data, and
useful for SQL
developers and
architects*

*Databases Illuminated
Oracle Database 12c
Security*

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*International Conference
on Applications and
Techniques in Cyber
Security and
Intelligence ATCI 2018
Database Security with
Oracle 12c*

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*A Practical Managerial
Perspective*

GB/T 20270-2006:

*Translated English of
Chinese Standard. (GBT
20270-2006,*

GB/T20270-2006,

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(GBT20270-2006)

**Securing SQL Server:
Protecting Your Database
from Attackers provides
readers with the necessary
tools and techniques to help
maintain the security of
databases within their**

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environment. It begins with a discussion of network security issues, including public versus private IP addresses; accessing an SQL server from home; physical security; and testing network security. The

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remaining chapters cover database encryption; SQL password security; SQL injection attacks; database backup security; security auditing; and server rights. The Appendix features checklists that database

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**administrators can use to
pass external audits. Named
a 2011 Systems
Administration Book by
InfoSec Reviews Author Denny
Cherry is an MVP by
Microsoft for his expertise
in the SQL Server product**

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**Learn expert techniques to
protect your SQL database
environment Discover how to
identify what an intruder
accessed or damaged
A Standardized Financial
Statement Auditing Framework
for the CLOUD Ecosystem:**

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**Vol. 1 By: Robert Llewellyn
Kilby, CPA, CITP, CCSK The
fact that you are reading
the back of this SKYBLUE
BOOK means you are well on
your way to discovering how
CLOUD computing has impacted
business in the 21st**

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century. The Wall Street Journal has reported that the sale of CLOUD technologies is increasing astronomically, revenue reaching \$175 billion in 2015 and investment expected to exceed \$1 trillion by

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2020. Businesses and government agencies are increasingly moving their information assets to the CLOUD ecosystem, as CLOUD services are more robust, economical, cost effective, and agile than traditional

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data centers. However, this shift to a new computing paradigm demands a change in the financial statement auditor's mindset. Because business transactions and financial controls no longer exist in traditional paper-

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based environments and because significant segments of business operations are outsourced to third-party service providers, it is challenging to conduct financial statement auditing in the CLOUD ecosystem. The

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agile, complex, and distributed nature of CLOUD technology exacerbates auditors' challenges. Imagine being a financial statement auditor engaged to audit a client who has outsourced its online sales,

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**benefits management,
payroll, data warehousing,
direct payroll, and tax
deposits to third-party
CLOUD service providers.
Imagine being an accounting
professor with textbooks
that barely cover CLOUD**

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**auditing. You find yourself
constrained by resources
that are not designed for
the 21st-century business
environment. Imagine being
an accounting student and
paying hundreds of dollars
for accounting materials**

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**that cover little, if any,
information about auditing
financial transactions in
the CLOUD. Consider also
that the smartphone you use
for course registration,
online purchases, tax
filing, and online banking**

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are all connected to computer systems in the CLOUD. When you venture into the business world, you will be faced with the challenge of auditing these and many other automated business processes. Imagine being a

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chief financial officer who oversees the internal audit of your company's e-commerce transactions, electronic tax filings, and online banking, all of which have been outsourced to multiple CLOUD providers and financial

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**institutions. This SKYBLUE
BOOK – the first of a three-
volume series – will inform
your understanding of the
dynamic and agile nature of
CLOUD technologies and will
teach you how to navigate
the nuances involved with**

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**auditing financial
statements in the CLOUD. The
book provides the knowledge
and hands-on training needed
to navigate the nuances
involved with auditing in
the CLOUD ecosystem and
includes topics such as**

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**“Constructing Accounting
Cycles in the CLOUD,”**

**“Testing Segregation of
Duties in the CLOUD,”**

**“Constructing Transaction
Cycles in the CLOUD,”**

**“Continuous Auditing in the
CLOUD,” and much more.**

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Whether you are fresh out of college with a degree in accounting, an auditor in public or private practice, a tenured accounting professor, a chief financial officer, or an accounting manager of a government

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invaluable tool in your
daily work.**

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cover leading-edge tools and**

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**technologies, IT Auditing:
Using Controls to Protect
Information Assets, Third
Edition explains, step by
step, how to implement a
successful, enterprise-wide
IT audit program. New
chapters on auditing**

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cybersecurity programs, big data and data repositories, and new technologies are included. This comprehensive guide describes how to assemble an effective IT audit team and maximize the value of the IT audit

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function. In-depth details on performing specific audits are accompanied by real-world examples, ready-to-use checklists, and valuable templates. Standards, frameworks, regulations, and risk

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management techniques are also covered in this definitive resource. • Build and maintain an internal IT audit function with maximum effectiveness and value • Audit entity-level controls and cybersecurity programs •

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Assess data centers and disaster recovery • Examine switches, routers, and firewalls • Evaluate Windows, UNIX, and Linux operating systems • Audit Web servers and applications • Analyze databases and

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**storage solutions • Review
big data and data
repositories • Assess end
user computer devices,
including PCs and mobile
devices • Audit virtualized
environments • Evaluate
risks associated with cloud**

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computing and outsourced operations • Drill down into applications and projects to find potential control weaknesses • Learn best practices for auditing new technologies • Use standards and frameworks, such as

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**COBIT, ITIL, and ISO •
Understand regulations,
including Sarbanes-Oxley,
HIPAA, and PCI • Implement
proven risk management
practices
The auditor's guide to
ensuring correct security**

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**and privacy practices in a
cloud computing environment
Many organizations are
reporting or projecting a
significant cost savings
through the use of cloud
computing—utilizing shared
computing resources to**

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**provide ubiquitous access
for organizations and end
users. Just as many
organizations, however, are
expressing concern with
security and privacy issues
for their organization's
data in the "cloud."**

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Auditing Cloud Computing provides necessary guidance to build a proper audit to ensure operational integrity and customer data protection, among other aspects, are addressed for cloud based resources.

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**Provides necessary guidance
to ensure auditors address
security and privacy aspects
that through a proper audit
can provide a specified
level of assurance for an
organization's resources
Reveals effective methods**

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**for evaluating the security
and privacy practices of
cloud services A cloud
computing reference for
auditors and IT security
professionals, as well as
those preparing for
certification credentials,**

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**such as Certified
Information Systems Auditor
(CISA) Timely and practical,
Auditing Cloud Computing
expertly provides
information to assist in
preparing for an audit
addressing cloud computing**

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**security and privacy for
both businesses and cloud
based service providers.
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Oracle Database
Real World Microsoft Access
Database Protection and
Security**

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efficient databases and query them to extract useful information. Using a straightforward, step-by-step approach, each lesson builds on the previous one, allowing you to learn the essentials of ANSI SQL from the ground up. Example code

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demonstrates the authors' professional techniques, while exercises written for MySQL offer the reader hands-on learning with an open-source database. Included are advanced techniques for using views, managing transactions,

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database administration, and extending SQL. Step-by-step instructions carefully walk you through the most common SQL tasks. Q&As, Quizzes, and Exercises at the end of each chapter help you test your knowledge. Notes

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and Tips point out shortcuts and solutions. New terms are clearly defined and explained. Learn how to... Use SQL-2003, the latest standard for the Structured Query Language Design and deploy efficient, secure databases Build

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advanced queries for information
retrieval Sort, group, and
summarize information for best
presentation Tune databases and
queries for maximum performance
Understand database
administration and security

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techniques For more than ten years the authors have studied, applied, and documented the SQL standard and its application to critical database systems. Ryan Stephens and Ron Plew are entrepreneurs, speakers, and

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cofounders of Perpetual Technologies, Inc. (PTI), a fast-growing IT management and consulting firm which specializes in database technologies. They taught database courses for Indiana University–Purdue

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University in Indianapolis for five years and have authored more than a dozen books on Oracle, SQL, database design, and the high availability of critical systems. Arie D. Jones is Senior SQL Server database administrator and

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analyst for PTI. He is a regular speaker at technical events and has authored several books and articles. Category: Database Covers: ANSI SQL User Level: Beginning–Intermediate Register your book at

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and don't know where to start?

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Examine a company's hardware, software, and data organization and processing methods to ensure quality control and security with this easy, practical guide to auditing computer systems--the tools necessary to implement an

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effective ISaudit. In nontechnical language and following the format of an ISaudit program, you'll gain insight into new types of security certifications (e.g., TruSecure, CAP SysTrust, CPA WebTrust) as well as the

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importance of physical security controls, adequate insurance, and digital surveillance systems. Order your copy today!

This complete new guide to auditing network security is an indispensable resource for

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security, network, and IT professionals, and for the consultants and technology partners who serve them. Cisco network security expert Chris Jackson begins with a thorough overview of the auditing process,

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including coverage of the latest regulations, compliance issues, and industry best practices. The author then demonstrates how to segment security architectures into domains and measure security effectiveness through a

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comprehensive systems approach. Network Security Auditing thoroughly covers the use of both commercial and open source tools to assist in auditing and validating security policy assumptions. The book also introduces leading IT

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governance frameworks such as COBIT, ITIL, and ISO 17799/27001, explaining their values, usages, and effective integrations with Cisco security products.

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protection grades in GB
17859-1999 and the roles of
network system in information
system.

Auditing Cloud Computing
IT Auditing Using Controls to
Protect Information Assets, Third

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Edition

Implementing Database Security
and Auditing
Auditing Information and Cyber
Security Governance
Securing Oracle Database 12c: A
Technical Primer eBook

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Protecting Data Accessibility and
Availability

This book provides a
comprehensive review of the
most up to date research
related to cloud security
auditing and discusses auditing

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the cloud infrastructure from the structural point of view, while focusing on virtualization-related security properties and consistency between multiple control layers. It presents an off-line automated framework for

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auditing consistent isolation
between virtual networks in
OpenStack-managed cloud
spanning over overlay and layer
2 by considering both cloud
layers' views. A runtime
security auditing framework for

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the cloud with special focus on the user-level including common access control and authentication mechanisms e.g., RBAC, ABAC and SSO is covered as well. This book also discusses a learning-based

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proactive security auditing system, which extracts probabilistic dependencies between runtime events and applies such dependencies to proactively audit and prevent security violations resulting

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from critical events. Finally, this book elaborates the design and implementation of a middleware as a pluggable interface to OpenStack for intercepting and verifying the legitimacy of user requests at

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runtime. Many companies nowadays leverage cloud services for conducting major business operations (e.g., Web service, inventory management, customer service, etc.). However, the fear of losing

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control and governance still persists due to the inherent lack of transparency and trust in clouds. The complex design and implementation of cloud infrastructures may cause numerous vulnerabilities and

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misconfigurations, while the unique properties of clouds (elastic, self-service, multi-tenancy) can bring novel security challenges. In this book, the authors discuss how state-of-the-art security

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auditing solutions may help increase cloud tenants' trust in the service providers by providing assurance on the compliance with the applicable laws, regulations, policies, and standards. This book introduces

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the latest research results on both traditional retroactive auditing and novel (runtime and proactive) auditing techniques to serve different stakeholders in the cloud. This book covers security threats from different

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cloud abstraction levels and discusses a wide-range of security properties related to cloud-specific standards (e.g., Cloud Control Matrix (CCM) and ISO 27017). It also elaborates on the integration of

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security auditing solutions into real world cloud management platforms (e.g., OpenStack, Amazon AWS and Google GCP). This book targets industrial scientists, who are working on cloud or security-related topics,

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as well as security practitioners, administrators, cloud providers and operators. Researchers and advanced-level students studying and working in computer science, practically in

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cloud security will also be interested in this book.

The book highlights innovative ideas, cutting-edge findings, and novel techniques, methods and applications touching on all aspects of technology and

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intelligence in smart city
management and services.

Above all, it explores
developments and applications
that are of practical use and
value for Cyber Intelligence-
related methods, which are

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frequently used in the context of city management and services.

Many Cloud data auditing algorithms have been proposed to maintain the integrity and privacy of data held in the

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Cloud. In this book, we present a survey of the state of the art and research of Cloud data auditing techniques with a brief introduction of the basic cloud computing concepts, its architecture and security

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issues. This book presents an overview of the various methods presently used to perform Cloud data auditing, mostly focusing on integrity and privacy.

As a society that relies on

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technology to thrive, we face a growing number of potentially catastrophic threats to network security daily. DATABASE SECURITY delivers the know-how and skills that today's professionals must have to

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protect their company's technology infrastructures, intellectual property, and future prosperity. From database installation and testing to auditing and SQL Injection, this text delves into the essential

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processes and protocols required to prevent intrusions, and supports each topic with real-world examples that help future IT professionals understand their critical responsibilities. Unlike most

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texts on database security,
which take a computer
scientist's analytical approach,
Database Security focuses on
implementation, and was
written expressly for the
expanding field of Information

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Oracle Privacy Security

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Auditing

Securing SQL Server

Applications and Techniques in
Cyber Security and Intelligence

A Guide to MySQL

A Controls-Based Approach

Security, Audit and Control

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Features

Databases Illuminated, Second Edition integrates database theory with a practical approach to database design and implementation. The text is specifically designed for the

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modern database student, who will be expected to know both theory and applied design and implementation as professionals in the field. This Second Edition has been revised and updated to incorporate information about the new releases of Access

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*2010, Oracle 11g, and Intersystems
Cache. It includes material on the
most recent topics such as, web
access, JDBC, web programming,
XML, data mining, and other
emerging database technologies and
applications. Instructor resources*

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*include Microsoft PowerPoint
lecture slides, solutions to all the
exercises and projects in the text,
test bank, and a complete
instructor's manual that includes
objectives and teaching hints.
Student resources include an open*

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access companion website

*featuring: -downloadable code
-projects with step-by-step guidance
that ensure students fully
understand each step before moving
on to the next. -hands-on lab
exercises that allow students to*

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apply the concepts learned from the text -additional information not included in the text to allow for further study The integrated, modern approach to databases, combined with strong pedagogical features, accessible writing, and a

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*full package of student and
instructor's resources, makes
Databases Illuminated, Second
Edition the perfect textbook for
courses in this exciting field. New
and Key Features of the updated
Second Edition: -Covers the new*

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*features of the current versions of
popular database management
systems, including Oracle 11, Access
2010, and InterSystems Cache.*

*-Incorporates the new curriculum
recommendations in ACM*

Computer Science Curriculum 2008

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*and ACM/AIS IS2010 Curriculum
Guidelines for IS2010.2, Data and
Information Management,
including more attention to security,
concurrency, and net-centric
computing. The chapter on
computer ethics has been updated to*

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*take into account new regulations
and practices. -Contains more
material on recent and relevant
topics, such as Web access, JDBC,
web programming, XML, data
warehousing, data mining, and
other emerging database*

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technologies and applications.

*-Includes the extensive object-
relational features of the current
release of Oracle, with
downloadable code for students to
implement; Object-oriented
databases are implemented using*

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*InterSystems Cache, with
downloadable code included on the
website.*

*Protecting Oracle Database 12c
helps you solve the problem of
maximizing the safety, resilience,
and security of an Oracle database*

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*whilst preserving performance,
availability, and integration despite
ongoing and new security issues in
the software. The book
demonstrates, through coded
examples, how you can enable the
consolidation features of Oracle*

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Database 12c without increasing risk of either internal corruption or external vulnerability. In addition, new protections not publicly available are included, so that you can see how demonstrable risk improvements can be achieved,

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*measured, and reported through
Enterprise Manager 12c. Most
importantly, the challenge of
privileged access control within a
consolidation environment will be
addressed, thus enabling a safe
move to greater efficiency.*

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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

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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

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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

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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*

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*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*

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*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

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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

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database platform - a view that is important to ensure good database security.

This book provides an authoritative account of security issues in database systems, and shows how current commercial or future

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systems may be designed to ensure both integrity and confidentiality. It gives a full account of alternative security models and protection measures. This invaluable reference can be used as a text for advanced courses on DB security.

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DBAs Defending the Database

International Conference, HCI

International 2015, Los Angeles,

CA, USA, August 2-7, 2015.

Proceedings, Part II

Protecting Oracle Database 12c

Nuclear Infrastructure Protection

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Integrity And Accessibility
and Homeland Security

Digital Business Security

Development: Management

Technologies

*Data Security Breaches and Privacy
in Europe*

Security issues for all

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*versions of Access from
97 to 2003 are discussed
and the merits of each
security approach from
both the perspective of
the developer and the
database*

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*administrator/manager
are examined.*

*This book constitutes
the thoroughly refereed
post-conference
proceedings of the 16th
International Conference*

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on Financial

*Cryptography and Data
Security (FC 2012), held
in Kralendijk, Bonaire,
February 27–March 1,
2012. The 29 revised
full papers presented*

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*were carefully selected
and reviewed from 88
submissions. The papers
cover all aspects of
securing transactions
and systems, including
information assurance in*

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*the context of finance
and commerce.*

*This book constitutes
the thoroughly refereed
post-conference
proceedings of the 22nd
International Conference*

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on Financial

*Cryptography and Data
Security, FC 2018, held
in Nieuwport, Curaçao,
in February/ March 2018.
The 27 revised full
papers and 2 short*

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*papers were carefully
selected and reviewed
from 110 submissions.*

*The papers are grouped
in the following topical
sections: Financial
Cryptography and Data*

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*Security, Applied
Cryptography, Mobile
Systems Security and
Privacy, Risk Assessment
and Management, Social
Networks Security and
Privacy and much more.*

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*Data Security Breaches
and Privacy in Europe
aims to consider data
protection and
cybersecurity issues;
more specifically, it
aims to provide a*

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*fruitful discussion on
data security breaches.
A detailed analysis of
the European Data
Protection framework
will be examined. In
particular, the Data*

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*Protection Directive
95/45/EC, the Directive
on Privacy and
Electronic
Communications and the
proposed changes under
the Data Protection*

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Regulation (data breach notifications) and its implications are considered. This is followed by an examination of the Directive on Attacks

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*against information
systems and a discussion
of the proposed
Cybersecurity Directive,
considering its
shortcomings and its
effects. The author*

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concludes by looking at whether a balance can be drawn by the current and proposed Data Protection framework to protect against data security breaches and considers

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*what more needs to be
achieved.*

*A Common Body of
Knowledge*

*16th International
Conference, FC 2012,
Kralendijk, Bonaire,*

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*Februray 27-March 2,
2012, Revised Selected
Papers*

*Cloud Computing Data
Auditing Algorithm
IT Auditing: Using
Controls to Protect*

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Information Assets

Management Technologies

Database Security and

Auditing: Protecting

Data Integrity and

Accessibility

A Guide to MySQL, by Philip Pratt and

Page 155/211

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Mary Last, is yet another step into the open-source arena, which is rapidly growing in the technology industry. Topics include design techniques, data definition, commands to query a database, updates, administration and client tools, and finally, MySQL special topics. Important Notice: Media content

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referenced within the product description or the product text may not be available in the ebook version.

The complete guide to internal auditing for the modern world Brink's Modern Internal Auditing: A Common Body of Knowledge, Eighth Edition covers the fundamental information that you need

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to make your role as internal auditor effective, efficient, and accurate.

Originally written by one of the founders of internal auditing, Vic Brink and now fully updated and revised by internal controls and IT specialist, Robert Moeller, this new edition reflects the latest industry changes and

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legal revisions. This comprehensive resource has long been—and will continue to be—a critical reference for both new and seasoned internal auditors alike. Through the information provided in this inclusive text, you explore how to maximize your impact on your company by creating higher

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standards of professional conduct and greater protection against inefficiency, misconduct, illegal activity, and fraud. A key feature of this book is a detailed description of an internal audit Common Body of Knowledge (CBOOK), key governance; risk and compliance topics that all internal auditors need to

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know and understand. There are informative discussions on how to plan and perform internal audits including the information technology (IT) security and control issues that impact all enterprises today. Modern internal auditing is presented as a standard-setting branch of business that

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elevates professional conduct and protects entities against fraud, misconduct, illegal activity, inefficiency, and other issues that could detract from success. Contribute to your company's productivity and responsible resource allocation through targeted auditing practices

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Ensure that internal control procedures are in place, are working, and are leveraged as needed to support your company's performance Access fully-updated information regarding the latest changes in the internal audit industry Rely upon a trusted reference for insight into key topics regarding the

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internal audit field Brink's Modern Internal Auditing: A Common Body of Knowledge, Eighth Edition presents the comprehensive collection of information that internal auditors rely on to remain effective in their role. A high-level handbook on how to develop auditing mechanisms for

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HIPAA compliant Oracle systems focuses on the security access and auditing requirements of the Health/Insurance Portability and Accountability Act of 1996 and discusses Oracle auditing features such as redo logs, system-level triggers, Oracle9i and the retrieval of

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sensitive data, and other key topics.

Original. (Advanced)

Nmap is a well known security tool used by penetration testers and system administrators. The Nmap Scripting Engine (NSE) has added the possibility to perform additional tasks using the collected host information. Tasks like

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advanced fingerprinting and service discovery, information gathering, and detection of security vulnerabilities.

"Nmap 6: Network exploration and security auditing cookbook" will help you master Nmap and its scripting engine. You will learn how to use this tool to do a wide variety of practical

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tasks for pentesting and network monitoring. Finally, after harvesting the power of NSE, you will also learn how to write your own NSE scripts. "Nmap 6: Network exploration and security auditing cookbook" is a book full of practical knowledge for every security consultant, administrator or enthusiast

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*looking to master Nmap. The book
overviews the most important port
scanning and host discovery
techniques supported by Nmap. You
will learn how to detect mis-
configurations in web, mail and
database servers and also how to
implement your own monitoring*

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system. The book also covers tasks for reporting, scanning numerous hosts, vulnerability detection and exploitation, and its strongest aspect; information gathering.

*A Security and Privacy Guide
22nd International Conference, FC
2018, Nieuwpoort, Curaçao, February*

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Integrity And Accessibility

*26 – March 2, 2018, Revised Selected
Papers*

*Sams Teach Yourself SQL in 24 Hours
Auditing Information Systems*

*Includes Federal Law Compliance with
HIPAA, Sarbanes Oxley and the
Gramm Leach Bliley Act GLB*

Vol. 1

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This book covers database security from all aspects of protecting data accessibility and availability. Coverage ranges from basic database security topics to advanced database security issues at the database and storage layers.

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In addition, a full presentation of data protection discusses data risks, protection mechanisms logical and physically, and data security. Furthermore, this book is a unique presentation of database security with Oracle 12c

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implementation covering all security features of Oracle 12c.

This is the only practical, hands-on guide available to database administrators to secure their Oracle databases. This book will help the DBA to assess their

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current level of risk as well as their existing security posture. It will then provide practical, applicable knowledge to appropriately secure the Oracle database. The only practical, hands-on guide for securing your Oracle database

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published by independent experts.

Your Oracle database does not exist in a vacuum, so this book shows you how to securely integrate your database into your enterprise.

This is the second volume of the

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two-volume set (CCIS 528 and CCIS 529) that contains extended abstracts of the posters presented during the 17th International Conference on Human-Computer Interaction, HCII 2015, held in Heraklion, Crete, Greece in August

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2015. The total of 1462 papers and 246 posters presented at the HCII 2015 conferences was carefully reviewed and selected from 4843 submissions. These papers address the latest research and development efforts and highlight

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the human aspects of design and use of computing systems. The papers thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a

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variety of application areas. The papers included in this volume are organized in the following topical sections: mobile interaction and smart devices; social media; HCI in business and innovation; learning technologies; HCI in health;

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assistive technologies and environments; fitness and well-being applications; location and context awareness; urban interaction; automotive and aviation; design and user studies. In Nuclear Infrastructure Protection

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and Homeland Security, authors Frank R. Spellman and Melissa L. Stoudt present all the information needed for nuclear infrastructure employers and employees to handle security threats they must be prepared to meet.

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A Standardized Financial
Statement Auditing Framework for
the CLOUD Ecosystem
Your Unauthorized Guide to
Relational Database Security

Protecting Your Database from

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Information security technology -
Basis security techniques
requirement for network [After
payment, write to & get a FREE-of-
charge, unprotected true-PDF from:
Sales@ChineseStandard.net]

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Nmap 6: Network Exploration and Security Auditing Cookbook

Written specifically for finance managers, "Excel for the CFO" explains the best features of Excel that allow for the automation of regular processes and help reduce

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the processing time spent on analytics. The book explores the entire gamut of finance-related functions and is focused on practical approaches to using ExcelOCoincluding Pivot Tables, Goal Seek, Scenario Builder, and

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VBAO Coin problem solving to deliver quality results. Using case studies across all types of organizations to demonstrate the application of Excel-based automation, the scenarios covered include the automation of financial

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analysis models, the creation of income statement and balance sheet templates, converting numbers to words for check printing, and much more. Any finance executive who manages the company's business affairs and

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makes critical decisions by analyzing data would be directly benefitted by using the tips and techniques presented in this guide."

This book provides a recent and relevant coverage based on a

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systematic approach. Especially suitable for practitioners and managers, the book has also been classroom tested in IS/IT courses on security. It presents a systematic approach to build total systems solutions that combine policies,

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procedures, risk analysis, threat assessment through attack trees, honeypots, audits, and commercially available security packages to secure the modern IT assets (applications, databases, hosts, middleware services and

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platforms) as well as the paths (the wireless plus wired network) to these assets. After covering the security management and technology principles, the book shows how these principles can be used to protect the digital enterprise

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assets. The emphasis is on modern issues such as e-commerce, e-business and mobile application security; wireless security that includes security of Wi-Fi LANs, cellular networks, satellites, wireless home networks, wireless

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middleware, and mobile application servers; semantic Web security with a discussion of XML security; Web Services security, SAML (Security Assertion Markup Language) and .NET security; integration of control and audit concepts in

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establishing a secure environment. Numerous real-life examples and a single case study that is developed throughout the book highlight a case-oriented approach. Complete instructor materials (PowerPoint slides, course outline, project

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assignments) to support an academic or industrial course are provided. Additional details can be found at the author website (www.amjadumar.com)

Database Security and Auditing:
Protecting Data Integrity and

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Accessibility Course Technology Ptr
Protect Your Systems with Proven
IT Auditing Strategies "A must-
have for auditors and IT
professionals." -Doug Dexter,
CISSP-ISSMP, CISA, Audit Team
Lead, Cisco Systems, Inc. Plan for

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and manage an effective IT audit program using the in-depth information contained in this comprehensive resource. Written by experienced IT audit and security professionals, *IT Auditing: Using Controls to Protect Information*

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Assets covers the latest auditing tools alongside real-world examples, ready-to-use checklists, and valuable templates. Inside, you'll learn how to analyze Windows, UNIX, and Linux systems; secure databases; examine

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wireless networks and devices; and audit applications. Plus, you'll get up-to-date information on legal standards and practices, privacy and ethical issues, and the CobiT standard. Build and maintain an IT audit function with maximum

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effectiveness and value Implement best practice IT audit processes and controls Analyze UNIX-, Linux-, and Windows-based operating systems Audit network routers, switches, firewalls, WLANs, and mobile devices Evaluate entity-level

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controls, data centers, and disaster recovery plans Examine Web servers, platforms, and applications for vulnerabilities Review databases for critical controls Use the COSO, CobiT, ITIL, ISO, and NSA INFOSEC methodologies

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Implement sound risk analysis and risk management practices Drill down into applications to find potential control weaknesses

Information Security and Auditing in the Digital Age

Cloud Security Auditing

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Integrity And Accessibility

Financial Cryptography and Data
Security

Brink's Modern Internal Auditing
Practical Oracle Security

*"A much-needed service for society
today. I hope this book reaches
information managers in the*

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organization now vulnerable to hacks that are stealing corporate information and even holding it hostage for ransom." – Ronald W. Hull, author, poet, and former professor and university administrator A comprehensive entity security program

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deploys information asset protection through stratified technological and non-technological controls. Controls are necessary for counteracting threats, opportunities, and vulnerabilities risks in a manner that reduces potential adverse effects to

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defined, acceptable levels. This book presents a methodological approach in the context of normative decision theory constructs and concepts with appropriate reference to standards and the respective guidelines. Normative decision theory attempts to establish a

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*rational framework for choosing
between alternative courses of action
when the outcomes resulting from the
selection are uncertain. Through the
methodological application, decision
theory techniques can provide
objectives determination, interaction*

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*assessments, performance estimates,
and organizational analysis. A
normative model prescribes what
should exist according to an
assumption or rule.*

*Designed for easy learning, this text is
broken into three sections: Security,*

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Auditing and Implementation. Students will fully understand how to implement database security on modern business databases using practical scenarios and step-by-step examples throughout the text. Each chapter ends with exercises and a hands-on project to

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reinforce and showcase the topics learned. The final chapter of the book allows the students to apply their knowledge in a presentation of four real-world cases using security and auditing.