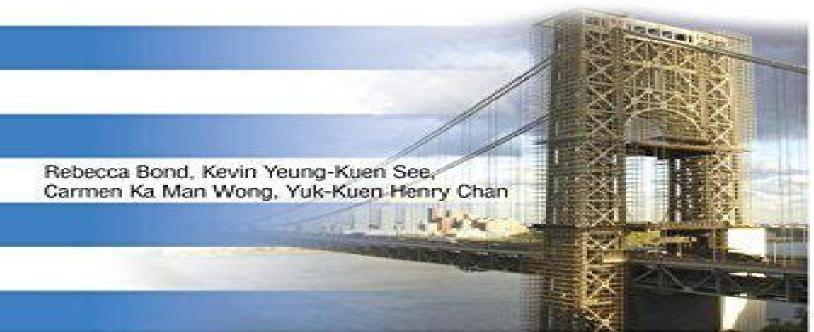


Understanding DB2 9 Security



Understanding Db2 9 Security Kevin Yeung Kuen See

Rebecca Bond, Kevin Yeung-Kuen See, Carmen Ka Man Wong, Yuk-Kuen Henry Chan

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Understanding DB2 9 Security Rebecca Bond, Kevin Yeung-Kuen See, Carmen Ka Man Wong, Yuk-Kuen Henry Chan, 2006-12-13 Understanding DB2 9 Security is the only comprehensive guide to securing DB2 and leveraging the powerful new security features of DB2 9 Direct from a DB2 Security deployment expert and the IBM DB2 development team this book gives DBAs and their managers a wealth of security information that is available nowhere else It presents real world implementation scenarios step by step examples and expert guidance on both the technical and human sides of DB2 security This book s material is organized to support you through every step of securing DB2 in Windows Linux or UNIX environments You ll start by exploring the regulatory and business issues driving your security efforts and then master the technological and managerial knowledge crucial to effective implementation Next the authors offer practical guidance on post implementation auditing and show how to systematically maintain security on an ongoing basis Coverage includes Establishing effective security processes teams plans and policies Implementing identification and authentication controls your first lines of defense DB2 in Windows environments managing the unique risks leveraging the unique opportunities Using the new Label Based Access Control LBAC of DB2 9 to gain finer grained control over data protection Encrypting DB2 connections data in flight and data on disk step by step guidance Auditing and intrusion detection crucial technical implementation details Using SSH to secure machine to machine communication in DB2 9 multi partitioned environments Staying current with the latest DB2 security patches and fixes **Relational Database Design and Implementation** Jan L. Harrington, 2009-09-02 Fully revised updated and expanded Relational Database Design and Implementation Third Edition is the most lucid and effective introduction to the subject available for IT IS professionals interested in honing their skills in database design implementation and administration This book provides the conceptual and practical information necessary to develop a design and management scheme that ensures data accuracy and user satisfaction while optimizing performance regardless of experience level or choice of DBMS The book begins by reviewing basic concepts of databases and database design then briefly reviews the SQL one would use to create databases Topics such as the relational data model normalization data entities and Codd s Rules and why they are important are covered clearly and concisely but without resorting to Dummies style talking down to the reader Supporting the book s step by step instruction are three NEW case studies illustrating database planning analysis design and management practices In addition to these real world examples which include object relational design techniques an entirely NEW section consisting of three chapters is devoted to database implementation and management issues Principles needed to understand the basis of good relational database design and implementation practices Examples to illustrate core concepts for enhanced comprehension and to put the book s practical instruction to work Methods for tailoring DB design to the environment in which the database will run and the uses to which it will be put Design approaches that ensure data accuracy and consistency Examples of how design can inhibit or boost

database application performance Object relational design techniques benefits and examples Instructions on how to choose and use a normalization technique Guidelines for understanding and applying Codd's rules Tools to implement a relational design using SQL Techniques for using CASE tools for database design Understanding Db2 9 Security Rebecca

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