

## Pro Data Backup And Recovery Experts Voice In Data Management

File Data Recovery Oracle Database 12c Oracle RMAN Backup and Recovery Pro Data Backup and Recovery Implementing Backup and Recovery Take Control of Mac OS X Backups System Center Operations Manager 2007 Unleashed Pro Data Backup and Recovery Registries for Evaluating Patient Outcomes Business Continuity and Disaster Recovery Planning for IT Professionals Pro SQL Server Internals High Availability and Disaster Recovery Backing Up Your Mac Pro Oracle Database 18c Administration IBM System Storage Business Continuity: Part 1 Planning Guide The DAM Book Pro SharePoint 2013 Business Intelligence Solutions 40 Algorithms Every Programmer Should Know Cassandra: The Definitive Guide Data Recovery with and Without Programming SQL Server Backup and Restore Disaster Recovery and Backup Solutions for IBM FileNet P8 Version 4.5.1 Systems Windows 8 Secrets Backup & Recovery SAP Backup using Tivoli Storage Manager Managing Data in Motion Windows 7 Inside Out Pro SQL Server 2005 Replication Pro Git Mac Hacks Effective MySQL Backup and Recovery Disaster Planning and Recovery Pack Pro SQL Server Disaster Recovery Disaster Recovery Planning InfoWorld Learn Filemaker Pro 5.0 Informationweek Unix Backup and Recovery The Backup Book Database Administration Office 365 For Dummies

### File Data Recovery

This authoritative Oracle Press resource on RMAN has been thoroughly revised to cover every new feature, offering the most up-to-date information This fully updated volume lays out the easiest, fastest, and most effective methods of deploying RMAN in Oracle Database environments of any size. Keeping with previous editions, this book teaches computing professionals at all skill levels how to fully leverage every powerful RMAN tool and protect mission-critical data. Oracle Database 12c RMAN Backup and Recovery explains how to generate reliable archives and carry out successful system restores. You will learn to work from the command line or GUI, automate the database backup process, perform Oracle Flashback recoveries, and deploy third-party administration utilities. The book features full details on cloud computing, report generation, performance tuning, and security. Offers up-to-date coverage of Oracle Database 12c new features Examples and workshops throughout walk you through important RMAN operations

### Oracle Database 12c Oracle RMAN Backup and Recovery

### Pro Data Backup and Recovery

Good backup and recovery strategies are key to the health of any organization. Medium- to very-large-scale systems administrators have to protect large amounts of critical data as well as design backup solutions that are scalable and optimized to meet changing conditions. Pro Data Backup and Recovery will cover some of the more common backup applications, such as Symantec NetBackup/BackupExec, EMC NetWorker, and CommVault, but the main discussion will focus on the

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implementation of 21st century architectures that allow the backup software to be a “commodity” item. The underlying architecture provides the framework for meeting the requirements of data protection for the organization. This book covers new developments in data protection as well as the impact of single-instance storage upon backup infrastructures. It discusses the impact of backup and data replication, the often misapplied B2D and D2D strategies, and “tapeless” backup environments. Continuous data protection and remote replication strategies are also addressed as they are integrated within backup strategies—a very important topic today. Learn backup solution design regardless of specific backup software Design realistic recovery solutions Take into account new data protection standards and the impact of data replication Whether you are using NetBackup, CommVault, or some other backup software, Pro Data Backup and Recovery will give you the information you need to keep your data safe and available. What you’ll learn Elements of a backup environment and applications of those elements New technologies within the backup technology area and their impact on design Configurations using both Symantec NetBackup and CommVault Simpana, with combinations of backup serves, media servers, and clients, and the impacts of each combination Combinations of both hardware and software configurations that are scalable from small to large environments Designs that address perennial problem areas such as remote offices, very short (less-than-15-minute) recovery point objectives (RPOs), and tape management Reporting requirements that will assist in maintaining and growing an implementation once executed Who this book is for The general audience for this book includes systems engineers, systems administrators, and specialist backup administrators. Table of Contents Introduction to Backup and Recovery Backup Software Physical Backup Media Virtual Backup Media New Media Technologies Software Architectures: CommVault Software Architectures: NetBackup Application Backup Strategies Putting It All Together: Sample Backup Environments Monitoring and Reporting Summary

### **Implementing Backup and Recovery**

"Detailing what can go wrong in backup and recovery and how this applies to the various backup methods available, this book couples that information with recovery and business continuity tactics played out over the backdrop of various real-world scenarios. Covered is how freezes, corruption, and loss affect documents, equipment, and day-to-day business activities, and the cost of downtime and job re-creation is explained in a way that builds the best budget for availability, backup, and recovery. Protection and restoration of user data and from various locations and times is also covered, as well as how to keep a business running after a power failure, network failure, or other unforeseen event."

### **Take Control of Mac OS X Backups**

### **System Center Operations Manager 2007 Unleashed**

Managing Data in Motion describes techniques that have been developed for significantly reducing the complexity of managing system interfaces and enabling scalable architectures. Author April Reeve brings over two decades of experience

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to present a vendor-neutral approach to moving data between computing environments and systems. Readers will learn the techniques, technologies, and best practices for managing the passage of data between computer systems and integrating disparate data together in an enterprise environment. The average enterprise's computing environment is comprised of hundreds to thousands computer systems that have been built, purchased, and acquired over time. The data from these various systems needs to be integrated for reporting and analysis, shared for business transaction processing, and converted from one format to another when old systems are replaced and new systems are acquired. The management of the "data in motion" in organizations is rapidly becoming one of the biggest concerns for business and IT management. Data warehousing and conversion, real-time data integration, and cloud and "big data" applications are just a few of the challenges facing organizations and businesses today. Managing Data in Motion tackles these and other topics in a style easily understood by business and IT managers as well as programmers and architects. Presents a vendor-neutral overview of the different technologies and techniques for moving data between computer systems including the emerging solutions for unstructured as well as structured data types Explains, in non-technical terms, the architecture and components required to perform data integration Describes how to reduce the complexity of managing system interfaces and enable a scalable data architecture that can handle the dimensions of "Big Data"

### **Pro Data Backup and Recovery**

### **Registries for Evaluating Patient Outcomes**

Good backup and recovery strategies are key to the health of any organization. Medium- to very-large-scale systems administrators have to protect large amounts of critical data as well as design backup solutions that are scalable and optimized to meet changing conditions. Pro Data Backup and Recovery will cover some of the more common backup applications, such as Symantec NetBackup/BackupExec, EMC NetWorker, and CommVault, but the main discussion will focus on the implementation of 21st century architectures that allow the backup software to be a "commodity" item. The underlying architecture provides the framework for meeting the requirements of data protection for the organization. This book covers new developments in data protection as well as the impact of single-instance storage upon backup infrastructures. It discusses the impact of backup and data replication, the often misapplied B2D and D2D strategies, and "tapeless" backup environments. Continuous data protection and remote replication strategies are also addressed as they are integrated within backup strategies—a very important topic today. Learn backup solution design regardless of specific backup software Design realistic recovery solutions Take into account new data protection standards and the impact of data replication Whether you are using NetBackup, CommVault, or some other backup software, Pro Data Backup and Recovery will give you the information you need to keep your data safe and available.

### **Business Continuity and Disaster Recovery Planning for IT Professionals**

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Companies and institutions depend more than ever on the availability of their Information Technology, and most mission critical business processes are IT-based. Business Continuity is the ability to do business under any circumstances and is an essential requirement faced by modern companies. Both concepts - High Availability and Disaster Recovery - are realized by redundant systems. This book presents requirements, concepts, and realizations of redundant systems on all abstraction levels, and all given examples refer to UNIX and Linux Systems.

### **Pro SQL Server Internals**

A database administrator's duties include ensuring that a database can be restored and recovered in the event of error or disaster. This book discusses how to perform backup and restore operations using SQL Server Management Studio (SSMS), basic T-SQL scripts and Red Gate's SQL Backup tool. Capturing backups using SSMS or simple scripts is fine for one-off backup operations, but any backups that form part of the recovery strategy for any given database must be automated with some built-in checks that, for example, alert the responsible database administrator immediately if a problem arises. The tool of choice in this book for backup automation is Red Gate SQL Backup. Building an automated solution will take a lot of work, but this book offers some advice on possible options, such as PowerShell scripting, T-SQL scripts and SQL Server Agent jobs. --

### **High Availability and Disaster Recovery**

A thorough reference on database administration outlines a variety of DBA roles and responsibilities and discusses such topics as data modeling and normalization, database/application design, change management, database security and data integrity, performance issues, disaster planning, and other essentials. Original. (Advanced)

### **Backing Up Your Mac**

"Learn FileMaker Pro 5.0" is designed to teach the fundamentals of this cross-platform relational database program to both Macintosh and PC users, while also providing more advanced topics for intermediate users. Beginners learn the basic elements of FileMaker in a straightforward, logical manner, complete with hands-on exercises and chapter quizzes. For those who have experience with FileMaker, the book includes information on troubleshooting and debugging scripts, creating a report based on a date range, and how to turn a field into a button. By the time readers complete this book, they will have a set of files they can use to keep track of customers and invoices. The appendixes address issues such as network error messages and technical support. In addition, an extensive index with more than 2,500 entries guides the reader to specific FileMaker topics. The companion CD-ROM contains the example files in both Windows and Macintosh formats, along with other FileMaker developer solutions and plug-ins. Jonathan Stars is a software consultant in Michigan, where he specializes in creating FileMaker databases. Among his many projects, he has developed databases for government agencies in Michigan, music publishers, and universities. He is a member of the FileMaker Solution Alliance and writes for "FileMaker Pro Advisor" magazine.

## **Pro Oracle Database 18c Administration**

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

## **IBM System Storage Business Continuity: Part 1 Planning Guide**

Want to take real control of your Mac? The hacks in this book help you dig below the surface to tweak system preferences, mount drives and devices, and generally do things with your system that Apple doesn't expect you to do. With a little effort, you can make your Mac and its applications perform exactly the way you want them to. There are more than 50 hacks in this book that show you how to fine-tune the interface, work with multimedia, set up your network, boost security, and perform a few tricks with Unix. Go beyond Preferences: change the way OS X Mountain Lion behaves Customize your experience by taming browsers and making apps full screen Get information delivered right to your desktop, and automate mundane tasks Use the command line and install various Unix apps to unlock your Mac's Unix power Increase security, monitor network traffic, and remain anonymous Play Wii games and host a Minecraft server on your Mac Modify your WiFi, move iTunes, and record TV shows Turn your MacBook into a tablet and give it a custom dye job

## **The DAM Book**

Powerful Earthquake Triggers Tsunami in Pacific. Hurricane Katrina Makes Landfall in the Gulf Coast. Avalanche Buries Highway in Denver. Tornado Touches Down in Georgia. These headlines not only have caught the attention of people around the world, they have had a significant effect on IT professionals as well. As technology continues to become more integral to corporate operations at every level of the organization, the job of IT has expanded to become almost all-encompassing. These days, it's difficult to find corners of a company that technology does not touch. As a result, the need to plan for potential disruptions to technology services has increased exponentially. That is what Business Continuity Planning (BCP) is: a methodology used to create a plan for how an organization will recover after a disaster of various types. It takes into account both security and corporate risk management tactics. There is a lot of movement around this initiative in the industry: the British Standards Institute is releasing a new standard for BCP this year. Trade shows are popping up covering the topic. \* Complete coverage of the 3 categories of disaster: natural hazards, human-caused hazards, and accidental and technical hazards. \* Only published source of information on the new BCI standards and government requirements. \* Up dated information on recovery from cyber attacks, rioting, protests, product tampering, bombs, explosions, and terrorism.

## **Pro SharePoint 2013 Business Intelligence Solutions**

The Definitive Guide to Mac Backups Your Mac contains valuable and sometimes irreplaceable files-family photos and videos, business documents, your unfinished

novel not to mention personal data such as email, contacts, and calendars. Without great backups, all of that data could disappear in an instant. We don't like to think about theft, fire, and natural disasters, but these things happen. So do hard drive crashes and other malfunctions (not to mention user error). Your best insurance against losing data forever is a thorough, carefully designed backup plan. You don't have to spend a ton of money or be a technical whiz to back up your Mac. This book helps you design a sensible backup strategy, choose and configure the best backup hardware and software for your needs, and understand how to make your backups as painless as possible. Learn Joe's simple, three-prong strategy for bulletproof Mac backups. Decide whether Time Machine is right for you-and if so, learn how to use it for backing up and restoring data. Discover alternatives to Time Machine for storing multiple versions of your files. Find out why and how to create a bootable duplicate (or clone) of your Mac's startup volume. Choose the best hardware for backing up your data. Learn about offsite storage, including cloud backup services. Know exactly what you'll need to do if disaster strikes. Deal with special backup needs, such as large video files, backups while on the road, and backing up a small network.

### **40 Algorithms Every Programmer Should Know**

This User's Guide is intended to support the design, implementation, analysis, interpretation, and quality evaluation of registries created to increase understanding of patient outcomes. For the purposes of this guide, a patient registry is an organized system that uses observational study methods to collect uniform data (clinical and other) to evaluate specified outcomes for a population defined by a particular disease, condition, or exposure, and that serves one or more predetermined scientific, clinical, or policy purposes. A registry database is a file (or files) derived from the registry. Although registries can serve many purposes, this guide focuses on registries created for one or more of the following purposes: to describe the natural history of disease, to determine clinical effectiveness or cost-effectiveness of health care products and services, to measure or monitor safety and harm, and/or to measure quality of care. Registries are classified according to how their populations are defined. For example, product registries include patients who have been exposed to biopharmaceutical products or medical devices. Health services registries consist of patients who have had a common procedure, clinical encounter, or hospitalization. Disease or condition registries are defined by patients having the same diagnosis, such as cystic fibrosis or heart failure. The User's Guide was created by researchers affiliated with AHRQ's Effective Health Care Program, particularly those who participated in AHRQ's DEcIDE (Developing Evidence to Inform Decisions About Effectiveness) program. Chapters were subject to multiple internal and external independent reviews.

### **Cassandra: The Definitive Guide**

Replication is a way of copying and updating information in a database. The Definitive Guide to SQL Server 2005 Replication is for Microsoft database developers and administrators who want to learn about the different types of replication and those best suited to SQL Server 2005. The book will also delve into advanced topics like replication of SQL Server with heterogeneous databases;

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replication of different database objects like stored procedures; backup and recovery of replicated databases; performance and tuning; and finally troubleshooting replication. As such, this book will address the concerns of both novice and advanced users of replication.

### **Data Recovery with and Without Programming**

Explaining how to use the new features of Windows 7, a comprehensive manual details hundreds of timesaving solutions, troubleshooting tips, and workarounds, along with information on such topics as Internet Explorer 8, Windows Media Center, networking, and security.

### **SQL Server Backup and Restore**

A disruption to your critical business processes could leave the entire business exposed. Today's organizations face ever-escalating customer demands and expectations. There is no room for downtime. You need to provide your customers with continuous service because your customers have a lot of choices. Your competitors are standing ready to take your place. As you work hard to grow your business, you face the challenge of keeping your business running without a glitch. To remain competitive, you need a resilient IT infrastructure. This IBM Redbooks publication introduces the importance of Business Continuity in today's IT environments. It provides a comprehensive guide to planning for IT Business Continuity and can help you design and select an IT Business Continuity solution that is right for your business environment. We discuss the concepts, procedures, and solution selection for Business Continuity in detail, including the essential set of IT Business Continuity requirements that you need to identify a solution. We also present a rigorous Business Continuity Solution Selection Methodology that includes a sample Business Continuity workshop with step-by-step instructions in defining requirements. This book is meant as a central resource book for IT Business Continuity planning and design. The companion title to this book, IBM System Storage Business Continuity: Part 2 Solutions Guide, SG24-6548, describes detailed product solutions in the System Storage Resiliency Portfolio.

### **Disaster Recovery and Backup Solutions for IBM FileNet P8 Version 4.5.1 Systems**

Packed with practical, affordable backup and recovery solutions for UNIX, Linux, Windows, and the Mac OS X system--as well as various databases--this new guide is a complete overhaul of the author's strong-selling "UNIX Backup & Recovery," now revised and expanded with over 40 percent new material.

### **Windows 8 Secrets**

Pro Git (Second Edition) is your fully-updated guide to Git and its usage in the modern world. Git has come a long way since it was first developed by Linus Torvalds for Linux kernel development. It has taken the open source world by storm since its inception in 2005, and this book teaches you how to use it like a pro. Effective and well-implemented version control is a necessity for successful

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web projects, whether large or small. With this book you'll learn how to master the world of distributed version workflow, use the distributed features of Git to the full, and extend Git to meet your every need. Written by Git pros Scott Chacon and Ben Straub, *Pro Git (Second Edition)* builds on the hugely successful first edition, and is now fully updated for Git version 2.0, as well as including an indispensable chapter on GitHub. It's the best book for all your Git needs.

### **Backup & Recovery**

#### **SAP Backup using Tivoli Storage Manager**

Providing an overview of all facets of UNIX backup and recovery, this text offers practical solutions for environments of all sizes and budgets, explaining everything from freely-available backup systems to large-scale commercial utilities.

#### **Managing Data in Motion**

Database administration isn't about passing a certified exam, or about pointing and clicking your way through a crisis. Database administration is about applying the right solution at the right time, avoiding risk, and making robust choices that get you home each night in time for dinner with your family. This book will help elevate you to the level of Professional Oracle Database Administrator. This book provides information and techniques for keeping an Oracle database stable and running on-premise, and is fully updated to cover Oracle Database 18c. New in this edition is coverage of cloud administration in the Oracle Public Cloud, automation of tasks using the autonomous database features, and data movement with multi-tenant databases. The book covers everything from architecture of the database engine, securing objects and users, strategies for performing maintenance tasks and resolving performance problems, through to backup and recovery. *Pro Oracle Database 18c Administration* takes a modern approach to database administration. Emphasis is given to automation, which is of growing importance as more databases are being moved into various cloud solutions and database administrators are being required to manage more instances than ever. Focus is given to multi-tenant container architecture and pluggable databases, and the book takes a refreshing, results-oriented approach that helps you get the job done.

**What You'll Learn**

- Understand the differences between managing on-premise and cloud deployments
- Take advantage of new features in 18c while also managing older releases
- Manage more databases than ever by automating your environment
- Apply the latest techniques around pluggable databases and containerization
- Safeguard your data through good security and backup/recovery practices
- Troubleshoot common problems

**Who This Book Is For** Database architects and administrators who want to level-up to the latest techniques around containerization, automation, and cloud deployment. The book also is appropriate for Oracle professionals desiring to present themselves as being competitive and up-to-date with the latest in the field.

#### **Windows 7 Inside Out**



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This book explains how to implement an effective disaster recovery strategy for SQL Server 2005 and 2008 databases. It details powerful tools and features for data backup and disaster recovery present in SQL Server 2005 and enhanced in SQL Server 2008. Users of SQL Server 2000 will find that the options for handling disaster recovery have dramatically increased. This book explores those options by examining the technical details of disaster recovery features and then applying that knowledge to practical scenarios. Also covered are fundamental changes to disaster recovery capabilities and common issues to expect when using new features.

### **Pro SQL Server 2005 Replication**

In this IBM® Redbooks® publication, we give an overview of different data management topics related to a typical SAP® data center. The intrinsic functionality of SAP is not designed to completely handle all the tasks of a data center by itself, but the SAP system offers several interface possibilities to attach external tools to it to accomplish this task. We explain SAP basic concepts and the issues with SAP data management. We introduce Tivoli® Storage Manager and all of its products that are related to SAP data management. We provide some comparison between database backup and recovery tools. Finally, we discuss data archiving using IBM DB2® CommonStore for SAP, and discuss high availability requirements and disaster recovery considerations. The second part of this book discusses a practical implementation of SAP backup and recovery with Tivoli Storage Manager. We implement this setup on two separate SAP systems: one running DB2 and the other running Oracle® database. We also implement LAN-free backup and FlashCopy® scenarios. In the sample implementation section, we show many different tasks, such as backup and restore, database recovery, backup monitoring, and tuning. We also cover some advanced backup/availability considerations, such as split mirror backup and standby databases. This book helps individuals that operate an SAP environment to devise a strategy for a sound and comprehensive data backup solution using the IBM Tivoli Storage Management product family.

### **Pro Git**

Algorithms play an important role in both the science and practice of computing. To optimally use algorithms, a deeper understanding of their logic and mathematics is essential. Beyond traditional computing, the ability to apply these algorithms to solve real-world problems is a necessary skill, and this is what this book focuses on.

### **Mac Hacks**

### **Effective MySQL Backup and Recovery**

The Essential Guide to Protecting Your Business Information Written by Oracle ACE Director and MySQL expert Ronald Bradford, Effective MySQL: Backup and Recovery covers all the options with detailed descriptions and syntax examples to

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ensure an appropriate backup and recovery plan can be developed. Featuring a side-by-side evaluation of the various backup strategies and complementary recovery implementations, this Oracle Press book helps you to protect your MySQL data from a wide range of disaster situations. Learn how different backup strategies affect locking and system availability Identify the importance of static backup options and point-in-time requirements Recognize the important business factors to determine your optimal data protection requirements Understand the benefits of using MySQL replication for leveraging different backup strategies Understand the benefits and risks of implementing solutions with MySQL in the cloud Identify key configuration variables that affect data durability and performance Find out about the types of possible disasters and develop a robust plan to address them Optimize your backup approach with compression, streaming, incremental, and parallel options

### **Disaster Planning and Recovery Pack**

The most complete and detailed information available on deploying, managing, and administering Microsoft's powerful network monitoring tool.

### **Pro SQL Server Disaster Recovery**

Many organizations require continuous operation of their mission-critical, IBM® FileNet P8® systems after a failure has occurred. Loss of system resources and services as a result of any failure can translate directly into lost customers and lost revenue. The goal, therefore, is to design and implement a FileNet P8 system that ensures continuous operation even after a failure happens. This IBM Redbooks® publication focuses on FileNet P8 Version 4.5.1 systems disaster recovery. The book covers strategies, preparation levels, site sizing, data replication, testing, and what to do during a disaster. Backup and restore planning is a critical aspect of a disaster recovery strategy. We discuss backup types and strategies. We also discuss alternative strategies such as rolling storage policies and IBM FlashCopy® capability. With the help of use cases and our lab testing environment, the book provides guidelines for setting up a FileNet P8 production environment and a standby FileNet P8 disaster recovery system. This book is intended for IT architects, IT specialists, project managers, and decision makers, who must identify the best disaster recovery strategies and integrate them into the FileNet P8 system design process.

### **Disaster Recovery Planning**

### **InfoWorld**

To get ahead in today's hyper-competitive marketplace, your business has to take advantage of the data you already have and mine that data to give you new insight, metrics, and clues to what drives successful customer interactions. In Pro SharePoint 2013 Business Intelligence Solutions, you'll learn exactly how to unlock that magic, build business intelligence facilities on SharePoint, and glean insights from data to propel your business to the next level. To understand the various

business intelligence offerings in SharePoint 2013, you need to understand the core SQL Server business intelligence concepts, and the first part of the book presents a comprehensive tutorial on those fundamentals. Pro SharePoint 2013 Business Intelligence Solutions then focuses on specific SharePoint business intelligence investments including: Visio Services Excel Services SQL Server Reporting Services Business Connectivity Services Power View and PerformancePoint Services Authors Manpreet Singh, Sha Anandan, Sahil Malik, and Steve Wright walk you through all of this material comprehensively in practical, hands-on format, with plenty of examples to empower you to use these products in your real-life projects. As compelling as SharePoint and SQL Server business intelligence are together, the challenge always has been finding people who understand both SharePoint and SQL Server well enough to deliver such business intelligence solutions. With this book in hand, you become part of that select group. Get your copy of Pro SharePoint 2013 Business Intelligence Solutions today!

### **Learn Filemaker Pro 5.0**

Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This expanded second edition—updated for Cassandra 3.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra's non-relational design, with special attention to data modeling. If you're a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra's speed and flexibility. Understand Cassandra's distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how nodes exchange data Maintain a high level of performance in your cluster Deploy Cassandra on site, in the Cloud, or with Docker Integrate Cassandra with Spark, Hadoop, Elasticsearch, Solr, and Lucene

### **Informationweek**

Data loss can be happened either human made cause or system failure. If we know the reasons of data loss, we can reduce our data loss. In this section of this book, I'll introduce you with most common reason of data loss. After reading this book, you will be able to take necessary steps to protect your data from loss & recover it. What You'll Get Inside: Data Loss Reason of Data Loss 1) System Failure Prevention 2) Human Errors 3) Software Corruption 4) Computer viruses and Malware 5) Natural Disasters What is Data Recovery? How Data Recovery Process Work File Data Recovery for Hard Drive How you can determine a Physical Hard Drive Failure When you will have to Recover Hard Drive Recovering Hard Drive Deleted File Recovery [Windows] Formatted Drive Recovery RAW Recovery Recovering Files on Partition is lost File/Data Recovery for unreachable partition File Recovery in case all the Partitions are lost File Data Recovery for Mac Introduction to MAC Undelete files on MAC Recovering deleted file from Trash Why deleted data is recoverable

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File recovery in MAC Hard Drive Data Recovery for MAC Lost Partition Recovery in MAC Recovering Data from Lost Partition File Data Recovery for USB What is USB Flash Drive Reason of losing files from USB Flash Drive Recovering File from Formatted USB Drive Recovering Lost Data from Pen Drive Reasons of File/Data Loss on Pen Drive Recovering Pen Drive Data (Using EaseUs Data Recovery Software) File Data Recovery for Memory Card & SD Card Reasons and Solutions of Data Loss File Data Recovery for Android Reason of Data Loss on Android Recovering Lost Data File Data Recovery For iPhone Reason of Data Losing on I-Phone Recovering iPhone Data Process 1 [Restoring data directly from iPhone] Process 2 [Restoring data from iTunes Backup] Process 3 [Restoring data from iCloud Backup] Data Recovery Software's Data Recovery Software for PC 1. Recuva 2. Pandora Recovery 3. Puran File Recovery 4. Glary Undelete 5. SoftPerfect File Recovery 6. EaseUS Data Recovery Wizard 7. Wise Data Recovery 8. Restoration 9. Free Undelete 10. ADRC Data Recovery Tools Data Recovery Software for Android 1. Android Data Recovery 2 Data Recovery for Android 3. iCare Recovery 4. Data Recovery from Google Store 5. MyJad Android Data Recovery Take a Sneak Peak Inside (page 12): "Mac is the one of the most favorite operating system to users. It is introduced by Apple Inc. From the very beginning of the release Mac has won users mind. The developer of Mac has worked to give maximum protection to their user's data. However, like windows Mac users also face problem of data losing. Reason of data losing is same as data losing on Windows. Now I am going to describe how you can recover files on MAC using a small software called "EaseUs Data Recovery." It allows users to quickly get deleted, damaged or formatted data."

### **Unix Backup and Recovery**

Everything you need to get productive in the Cloud with Office 365 With 70 million users worldwide, Microsoft Office 365 combines the familiar Office desktop suite with cloud-based versions of Microsoft's next-generation communications and collaboration services. It offers many benefits including security, reliability, compatibility with other products, over-the-air updates in the cloud that don't require anything from the user, single sign on for access to everything right away, and so much more. Office 365 For Dummies offers a basic overview of cloud computing and goes on to cover Microsoft cloud solutions and the Office 365 product in a language you can understand. This includes an introduction to each component which leads into topics around using each feature in each application. Get up to speed on instant messaging Use audio, video, and web conferencing Get seamless access to the Office suite with Office Web apps Access information anywhere, anytime Office 365 is the key to office productivity — and now you can put it to use for you!

### **The Backup Book**

Improve your ability to develop, manage, and troubleshoot SQL Server solutions by learning how different components work "under the hood," and how they communicate with each other. The detailed knowledge helps in implementing and maintaining high-throughput databases critical to your business and its customers. You'll learn how to identify the root cause of each problem and understand how different design and implementation decisions affect performance of your systems.

New in this second edition is coverage of SQL Server 2016 Internals, including In-Memory OLTP, columnstore enhancements, Operational Analytics support, Query Store, JSON, temporal tables, stretch databases, security features, and other improvements in the new SQL Server version. The knowledge also can be applied to Microsoft Azure SQL Databases that share the same code with SQL Server 2016. Pro SQL Server Internals is a book for developers and database administrators, and it covers multiple SQL Server versions starting with SQL Server 2005 and going all the way up to the recently released SQL Server 2016. The book provides a solid road map for understanding the depth and power of the SQL Server database server and teaches how to get the most from the platform and keep your databases running at the level needed to support your business. The book:

- Provides detailed knowledge of new SQL Server 2016 features and enhancements
- Includes revamped coverage of columnstore indexes and In-Memory OLTP
- Covers indexing and transaction strategies
- Shows how various database objects and technologies are implemented internally, and when they should or should not be used
- Demonstrates how SQL Server executes queries and works with data and transaction log

What You Will Learn Design and develop database solutions with SQL Server. Troubleshoot design, concurrency, and performance issues. Choose the right database objects and technologies for the job. Reduce costs and improve availability and manageability. Design disaster recovery and high-availability strategies. Improve performance of OLTP and data warehouse systems through in-memory OLTP and Columnstore indexes. Who This Book Is For Developers and database administrators who want to design, develop, and maintain systems in a way that gets the most from SQL Server. This book is an excellent choice for people who prefer to understand and fix the root cause of a problem rather than applying a 'band aid' to it.

### **Database Administration**

One of the main concerns for digital photographers today is asset management: how to file, find, protect, and re-use their photos. The best solutions can be found in The DAM Book, our bestselling guide to managing digital images efficiently and effectively. Anyone who shoots, scans, or stores digital photographs is practicing digital asset management (DAM), but few people do it in a way that makes sense. In this second edition, photographer Peter Krogh -- the leading expert on DAM -- provides new tools and techniques to help professionals, amateurs, and students:

- Understand the image file lifecycle: from shooting to editing, output, and permanent storage
- Learn new ways to use metadata and key words to track photo files
- Create a digital archive and name files clearly
- Determine a strategy for backing up and validating image data
- Learn a catalog workflow strategy, using Adobe Bridge, Camera Raw, Adobe Lightroom, Microsoft Expression Media, and Photoshop CS4 together
- Migrate images from one file format to another, from one storage medium to another, and from film to digital
- Learn how to copyright images
- To identify and protect your images in the marketplace, having a solid asset management system is essential. The DAM Book offers the best approach.

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