

Backup Recovery: Inexpensive Backup Solutions For Open Systems

New Oracle database administrators can get off the ground running. This book helps you develop the ability to think on your feet and move focus in an instant from arcane syntax details to broad, corporate issues. Along the way, you will see how to create your first database and implement best practices to ensure a well-running database system. What makes Oracle DBA Mentor different is that it also teaches you how to obtain answers that are not found in this or other books. Focus is given to creating a test bed and running test cases to examine hypotheses and prove out solutions so you can be sure they work in production. Attention is given to navigating product documentation and networking in forums and social media to build your skills and a network to draw on when solving problems under pressure. There are chapters of step-by-step technical content as well as coverage of essential skills to succeed as a DBA no matter which database engine you administer. By the time you are done reading this book, you will have confidence to face many of the situations thrown in your direction. You will know where to go for the answers you don't yet know that you need. You'll be able to work and troubleshoot under pressure. You'll know how to create a database, institute backup and recovery procedures, secure the database and its valuable corporate data, and acquire more knowledge as needed so you can run a database to meet the needs of your organization. What You'll Learn

*Install Oracle Database with best practices
Implement backup and recovery procedures
Understand the fundamentals of databases and data security
Find answers to technical problems using Oracle documentation, Oracle*

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Support, and other resources Patch and upgrade an Oracle database Who This Book Is For The novice database administrator who wants help getting off the ground with their DBA career, and in building the skills to let that career flourish in the long term. Mid-level DBAs will also find the book helpful as they try to grow their career to the next level. While the book is geared toward the Oracle platform, database administrators from other platforms can benefit from the soft skills covered in this book.

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 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

Presents fifty hacks to customize performance of a Mac, including automating tasks, increasing security, playing Wii games, and modifying wifi.

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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. --

RMAN Recipes for Oracle Database 12c

Enterprise Cloud Security and Governance

Digital Video Hacks

Web Database Applications with PHP and MySQL

Windows XP Power Hound

The InfoSec Handbook

PC Hard Drive Data Recovery, USB Data Recovery, Mac

Data Recovery, Android Data Recovery, Data Recovery Services

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

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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 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

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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."

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InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects. Oracle RMAN for Absolute Beginners is a gentle introduction to the use of Oracle's Recovery Manager software to make backups of an Oracle database, and to restore all or part of a database in the event that data loss occurs. It is often said that a database administrator's #1 job responsibility is to be able to recover from data loss. If you're new to the Oracle platform, or you're new to database administration in general, you can hardly go wrong by making it your first priority to learn to backup and recover the database that has been entrusted into your hands. This book is short and sweet at just 200 pages. Focus lies on the mainstream use cases. Recovery Manager, or RMAN as it is called, is a powerful and complex tool that can be intimidating at first. Author Darl Kuhn understands the need to focus on the core use cases, building your confidence in the tool, and in your ability to recover from lost database files, and even to recover your entire database should that become necessary. Oracle RMAN for Absolute Beginners shows how to backup your database. That's the first job. You'll learn to

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backup the entire database, and to create incremental backups that in turn can speed restore and recovery operations. Then you'll learn to recover from lost data files, lost redo log files, lost control files, and even to restore the entire database from scratch. You'll even learn how to clone a database for development and test purposes by backing the database up on one system and restoring it onto another. Author Darl Kuhn has a decade and a half of experience in writing about, and teaching Oracle Database backup and recovery. If you are newly responsible for an Oracle Database, you can hardly do better than to pick up a copy of Oracle RMAN for Absolute Beginners.

Explores recent innovations in information and data storage technology.

PostgreSQL Configuration

Teach Yourself New Tricks

The DAM Book

The Readiness Guide for the Enterprise

IBM Software-Defined Storage Guide

Data Protection

Concepts, Strategies, and Challenges

When you visit the doctor, information about you may be recorded in an office computer. Your tests may be sent to a laboratory or consulting physician. Relevant information may be transmitted to your health insurer or pharmacy.

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Your data may be collected by the state government or by an organization that accredits health care or studies medical costs. By making information more readily available to those who need it, greater use of computerized health information can help improve the quality of health care and reduce its costs. Yet health care organizations must find ways to ensure that electronic health information is not improperly divulged. Patient privacy has been an issue since the oath of Hippocrates first called on physicians to "keep silence" on patient matters, and with highly sensitive data--genetic information, HIV test results, psychiatric records--entering patient records, concerns over privacy and security are growing. For the Record responds to the health care industry's need for greater guidance in protecting health information that increasingly flows through the national information infrastructure--from patient to provider, payer, analyst, employer, government agency, medical product manufacturer, and beyond. This book makes practical detailed recommendations for technical and organizational solutions and national-level initiatives. For the Record describes two major types of privacy and security concerns that stem from the availability of health information in electronic form: the increased potential for inappropriate release of information held by individual organizations (whether by those with access to computerized records or those who break into them) and systemic concerns derived from open and

widespread sharing of data among various parties. The committee reports on the technological and organizational aspects of security management, including basic principles of security; the effectiveness of technologies for user authentication, access control, and encryption; obstacles and incentives in the adoption of new technologies; and mechanisms for training, monitoring, and enforcement. For the Record reviews the growing interest in electronic medical records; the increasing value of health information to providers, payers, researchers, and administrators; and the current legal and regulatory environment for protecting health data. This information is of immediate interest to policymakers, health policy researchers, patient advocates, professionals in health data management, and other stakeholders.

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.

Continuing with the tradition of offering the best and most comprehensive coverage of Red Hat Linux on the market, Red Hat Fedora 5 Unleashed includes new and additional material based on the latest release of Red Hat's Fedora Core Linux distribution. Incorporating an advanced approach to presenting information about Fedora, the book aims to provide the best and latest information that intermediate to

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advanced Linux users need to know about installation, configuration, system administration, server operations, and security. Red Hat Fedora 5 Unleashed thoroughly covers all of Fedora's software packages, including up-to-date material on new applications, Web development, peripherals, and programming languages. It also includes updated discussion of the architecture of the Linux kernel 2.6, USB, KDE, GNOME, Broadband access issues, routing, gateways, firewalls, disk tuning, GCC, Perl, Python, printing services (CUPS), and security. Red Hat Linux Fedora 5 Unleashed is the most trusted and comprehensive guide to the latest version of Fedora Linux.

This is the fundamental truth about data protection: backup is dead. Or rather, backup and recovery, as a standalone topic, no longer has relevance in IT. As a standalone topic, it's been killed off by seemingly exponential growth in storage and data, by the cloud, and by virtualization. So what is data protection? This book takes a holistic, business-based approach to data protection. It explains how data protection is a mix of proactive and reactive planning, technology and activities that allow for data continuity. It shows how truly effective data protection comes from a holistic approach considering the entire data lifecycle and all required SLAs. Data protection is neither RAID nor is it continuous availability, replication, snapshots or backups—it is all of them, combined in a considered and measured approach to suit the criticality of the data and

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meet all the requirements of the business. The book also discusses how businesses seeking to creatively leverage their IT investments and to drive through cost optimization are increasingly looking at data protection as a mechanism to achieve those goals. In addition to being a type of insurance policy, data protection is becoming an enabler for new processes around data movement and data processing. This book arms readers with information critical for making decisions on how data can be protected against loss in the cloud, on-premises, or in a mix of the two. It explains the changing face of recovery in a highly virtualized data center and techniques for dealing with big data. Moreover, it presents a model for where data recovery processes can be integrated with IT governance and management in order to achieve the right focus on recoverability across the business.

Business Continuity and Disaster Recovery Planning for IT Professionals

Backing Up Your Digital Life For the Record

How to Create a Digital Fort Knox

The Big Ideas Behind Reliable, Scalable, and Maintainable Systems

Ensuring Data Availability

Tips & Tools for Unlocking the Power of OS X Mountain Lion

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

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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.

Packed with practical, freely available backup and recovery solutions for Unix, Linux, Windows, and Mac OS X systems -- as well as various databases -- this new guide is a complete overhaul of *Unix Backup & Recovery* by the same author, now revised and expanded with over 75% new material. *Backup & Recovery* starts with a complete overview of backup philosophy and design, including the basic backup utilities of tar, dump, cpio, ntbakup, ditto, and rsync. It then explains several open source backup products that automate backups using those utilities, including AMANDA, Bacula, BackupPC, rdiff-backup, and rsnapshot. *Backup & Recovery* then explains how to perform bare metal recovery of AIX, HP-UX, Linux, Mac OS, Solaris, VMWare, & Windows systems using freely-available utilities. The book also provides overviews of the current state of the commercial backup software and hardware market, including overviews of CDP, Data De-duplication, D2D2T, and VTL technology. Finally, it covers how to automate the backups of DB2, Exchange, MySQL, Oracle, PostgreSQL, SQL-Server, and Sybase databases - without purchasing a commercial backup product to do so. For environments of all sizes and budgets, this unique book shows you how to ensure data protection without resorting to expensive commercial solutions. You

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will soon learn to: Automate the backup of popular databases without a commercial utility Perform bare metal recovery of any popular open systems platform, including your PC or laptop Utilize valuable but often unknown open source backup products Understand the state of commercial backup software, including explanations of CDP and data de-duplication software Access the current state of backup hardware, including Virtual Tape Libraries (VTLs)

IBM DB2 Recovery Expert for Multiplatforms provides an enhanced data recovery solution that enables more precise recovery operations while reducing disruption during the recovery process. DB2 Recovery Expert creates and maintains additional recovery assets that you can use for intelligent analysis of both DB2 and DB2 Recovery Expert assets to find the most efficient recovery path. DB2 Recovery Expert facilitates the process of rebuilding your database assets, such as tables, indexes, and data, to a specified point-in-time, often without taking the database or the business operations offline. This IBM Redbooks publication shows you how to install and implement DB Recovery Expert and the Fast Backup and Grouper components. It also describes the DB2 Recovery Expert assets and how to manage these assets. In addition, this book explains the summary and detail reports of Log Analysis, including the DPF environment. It shows, in detailed examples, point-in-time recovery and cloning of tables, table spaces, and databases. Please note that the additional material referenced in the text is not available from IBM.

Obtain all the skills you need to configure and manage a PostgreSQL database. In this book you will begin by installing and configuring PostgreSQL on a server by focusing on system-level parameter settings before installation. You will also look at key post-installation steps to avoid issues in the future. The basic configuration of PostgreSQL is tuned for compatibility rather than performance. Keeping this in mind, you will fine-tune your PostgreSQL parameters based on your environment and application behavior. You will then get tips to improve database monitoring and maintenance followed by database security for handling sensitive data in PostgreSQL. Every system

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containing valuable data needs to be backed-up regularly. PostgreSQL follows a simple back-up procedure and provides fundamental approaches to back up your data. You will go through these approaches and choose the right one based on your environment. Running your application with limited resources can be tricky. To achieve this you will implement a pooling mechanism for your PostgreSQL instances to connect to other databases. Finally, you will take a look at some basic errors faced while working with PostgreSQL and learn to resolve them in the quickest manner. What You Will Learn Configure PostgreSQL for performance Monitor and maintain PostgreSQL instances Implement a backup strategy for your data Resolve errors faced while using PostgreSQL Who This Book Is For Readers with basic knowledge of PostgreSQL who wish to implement key solutions based on their environment.

Oracle RMAN for Absolute Beginners

Unix Backup and Recovery

How Google Runs Production Systems

Oracle DBA Mentor

Data Protection and Information Lifecycle Management

Effective MySQL Backup and Recovery

Information Storage and Management

Since the dawn of film, novices and experts have used quick-and-dirty workarounds and audiovisual tricks to improve their motion pictures, from home movies to feature films. Today, the tools have certainly changed, have the quality and scope of the results. With digital video, the hacking possibilities are now limitless, for both amateurs and professional artists. From acquiring footage, mixing, editing, and adding effects to final distribution, Digital Video Hacks provides unique tips, tools, and techniques for every stage of video production. You'll learn how to: Get your projects started right using

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creative preparation tools and techniques, from making your own steadicam, boom, or dolly to effective storyboarding, timecoding, and tape labeling

Troubleshoot common shooting problems, including using stop-motion and time-lapse techniques, lighting effects, colored screens and gels, and household objects to establish mood or otherwise wow an audience

Create stunning visual effects, such as satellite zooming, surreal scenes, Matrix-like bullet-time, and green screen illusions

Fool your audience with audio tricks, replacing flubbed dialogue, smoothing over cuts, and covering missing audio with room tone

Add professional features with post-production tricks, including color correction, soundtrack cleanup, opening sequences, and DVD bookmarks

Distribute final content in a variety of creative ways, from exporting to basic videotape or DVD to streaming over the internet or even via cell phone

Use the web to provide interactivity and dynamic content, attend a remote conference, or vlog your life

Whether you're looking for a new technique to include in your next project, a solution to a common problem, or just a little inspiration, this book reintroduces you to the digital video you only thought you knew.

RMAN Recipes for Oracle Database 12c is an example-driven approach to the Oracle database administrator's #1 job responsibility: Be able to recover the database.

all the things you are responsible for as database administrator, nothing is more important than the data itself. Like it or not, the fearsome responsibility of

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protecting your organization's most critical data falls squarely upon your shoulders: Lose that data and your company could fail. Lose that data and you could be out of a job. Oracle's flagship database product fortunately implements a wide-ranging feature set to aid you in this all-important task of safeguarding against data loss. Recovery Manager, or RMAN, is at the heart of that feature set, and is the tool most-often used to initiate database backup and recovery operations. In this book well-known authors and database experts Darl Kuhn, Sam Alapati, and Arup Nanda have created a set of examples encompassing the gamut of backup and recovery tasks that you might need to perform. Sometimes, especially when the heat is on, a good example is what you need to get started towards a solution. RMAN Recipes for Oracle Database 12c delivers. It'll be the book you reach for when that dreaded call comes in at 3:00am some dreary morning. It'll be the book that lets you sleep at night knowing that no matter what transpires, that you've done your job and can recover from any outage. RMAN Recipes for Oracle Database 12c gets right to the point with quick and easy-to-read, step-by-step solutions that can help you backup and recover your data with confidence. What you'll learn Reliably back up and recover your database using Oracle's Recovery Manager Let Oracle Database manage your backup files via the Fast Recovery Area Automate backup and recovery tasks by writing scripts Troubleshoot RMAN problems and

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optimize RMAN performance Recover from the loss of control file, loss of an online redo log, and from other unusual situations Who this book is for RMAN Recipes for Oracle Database 12c is aimed squarely at Oracle database administrators responsible for database backup and recovery operations. Table of Contents Backup and Recovery 101 Jump-Starting RMAN Using the Fast Recovery Area Using RMAN Configuring the RMAN Environment Using the Recovery Catalog Making Backups with RMAN Maintaining RMAN Backups and the Repository Scripting RMAN Restoring the Control File Performing Complete Recovery Performing Incomplete Recovery Performing Flashback Recovery Handling Online Redo Log Failures Duplicating Databases and Transporting Data Tuning RMAN Troubleshooting RMAN Implementing Oracle Secure Backup Performing Backup and Recovery with Enterprise Manager Using the Data Recovery Advisor Using RMAN on Windows DataGuard RMAN and RAC RMAN and ASM RMAN and Exadata

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

The overwhelming majority of a software system's lifespan is spent in use, not in design or implementation. So, why does conventional wisdom insist that software engineers focus primarily on the design and development of large-scale computing systems? In this collection of essays and articles, key members of

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Google's Site Reliability Team explain how and why their commitment to the entire lifecycle has enabled the company to successfully build, deploy, monitor, and maintain some of the largest software systems in the world. You'll learn the principles and practices that enable Google engineers to make systems more scalable, reliable, and efficient—lessons directly applicable to your organization. This book is divided into four sections: Introduction—Learn what site reliability engineering is and why it differs from conventional IT industry practices Principles—Examine the patterns, behaviors, and areas of concern that influence the work of a site reliability engineer (SRE) Practices—Understand the theory and practice of an SRE's day-to-day work: building and operating large distributed computing systems Management—Explore Google's best practices for training, communication, and meetings that your organization can use

Help for Storage Administrators

Protecting Electronic Health Information

Data Deduplication Approaches

A Problem-Solution Approach

Using SANs and NAS

File Data Recovery

Best Practices for Transforming Legacy IT

Give your organization the data protection it deserves without the uncertainty and cost overruns experienced by your predecessors or other companies. System and network administrators have

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their work cut out for them to protect physical and virtual machines in the data center and the cloud; mobile devices including laptops and tablets; SaaS services like Microsoft 365, Google Workspace, and Salesforce; and persistent data created by Kubernetes and container workloads. To help you navigate the breadth and depth of this challenge, this book presents several solutions so you can determine which is right for your company. You'll learn the unique requirements that each workload presents, then explore various categories of commercial backup hardware, software, and services available to protect these data sources, including the advantages and disadvantages of each approach. Learn the workload types that your organization should be backing up Explore the hardware, software, and services you can use to back up your systems Understand what's wrong with your current data protection system Pair your backed-up workloads to the appropriate backup system Learn the adjustments that will make your backups better, without wasting money

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the

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right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures

In the age of data science, the rapidly increasing amount of data is a major concern in numerous applications of computing operations and data storage. Duplicated data or redundant data is a main challenge in the field of data science research. Data Deduplication Approaches: Concepts, Strategies, and Challenges shows readers the various methods that can be used to eliminate multiple copies of the same files as well as duplicated segments or chunks

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of data within the associated files. Due to ever-increasing data duplication, its deduplication has become an especially useful field of research for storage environments, in particular persistent data storage. Data Deduplication Approaches provides readers with an overview of the concepts and background of data deduplication approaches, then proceeds to demonstrate in technical detail the strategies and challenges of real-time implementations of handling big data, data science, data backup, and recovery. The book also includes future research directions, case studies, and real-world applications of data deduplication, focusing on reduced storage, backup, recovery, and reliability. Includes data deduplication methods for a wide variety of applications Includes concepts and implementation strategies that will help the reader to use the suggested methods Provides a robust set of methods that will help readers to appropriately and judiciously use the suitable methods for their applications Focuses on reduced storage, backup, recovery, and reliability, which are the most important aspects of implementing data deduplication approaches Includes case studies

Windows XP can be a great tool, but it is all too easy to trip over Windows XP's annoying traits more often than you leverage its productivity. Windows XP power-users troll online resources, documentation, and the expertise (or lucky finds) of friends for

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valuable tips and tricks--a keyboard shortcut here, an undocumented double-click there--to eliminate annoyances, save time, and take control of their Windows XP. But what if there was an easier way? This new book presents literally hundreds of problems and solutions, amazing power tips, cool tricks, and clever workarounds in one clearly organized, easy to use, and portable resource. Truly insightful and amusing, Windows XP Power Hound gives Windows XP users practical hints for everything from the desktop to Office programs to the registry, and includes documented (but little-known) tips as well as previously undocumented tricks. Windows XP Power Hound moves far beyond mere productivity and explores what's possible with Windows XP--including cool things you probably never thought of doing. An understanding of Windows XP basics will get the job done. But discovering the most useful I didn't know that! tips and shortcuts will make using Windows XP a far richer and less frustrating experience. The practical, concise format of Windows XP Power Hound makes it easy to dip into for a quick tip from time to time; the warm, jargon-free tone makes it easy to read cover to cover. Anyone who wants to smooth out Windows XP's speed bumps and get some serious speed to accelerate through the bottlenecks will find that even a handful of these useful, to-the-point tips will make Windows XP Power Hound worth its weight in

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chocolate.

Tarsnap Mastery

Storing, Managing, and Protecting Digital Information in Classic, Virtualized, and Cloud Environments

An Introduction to Information Security

Efficiently set data protection and privacy principles

Site Reliability Engineering

Mac Hacks

Modern Data Protection

In today's digital world we produce vast amounts of data; photos, videos, music, documents, and more. Our risk of catastrophic data loss has never been greater as many of us rely on third parties or "The Cloud" for data storage and security. The question we must ask ourselves is simply what happens when, not if, but when stormy weather strikes, the cloud opens up, and our data is lost forever? Over the years, we've all heard reports of large corporations providing cloud storage backup losing customers' critical data. The bottom line is, the cloud isn't as secure as many believe it to be. In the Terms Of Service, which we must all agree to, most of these companies are provided legal protection against data loss. Many of us are not aware of or do not practice the 3-2-1 time-honored backup strategy which states, you must have 3 copies of your data at all times. A primary (working copy), secondary (archival copy), and an off-site (cold-storage copy) for disaster recovery. This book covers the archival data backup portion of the 3-2-1 rule by providing a step-by-

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step easy, and affordable method of creating a safe and secure local data backup solution. This includes an easy-to-follow installation and configuration of an Unraid Server. I've deliberately used older components unearth from my garage to show that shiny new "expensive" parts are not required to build a reliable, safe, and secure backup solution. By providing both practical knowledge and understanding this book will continue to be an asset for many years to come. Don't wait! Now is the time to backup and safeguard your digital life! Grab a cup of tea or maybe some coffee and let's get started?

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,

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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.

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

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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.

Today, new business models in the marketplace coexist with traditional ones and their well-established IT architectures. They generate new business needs and new IT requirements that can only be satisfied by new service models and new technological approaches.

These changes are reshaping traditional IT concepts. Cloud in its three main variants (Public, Hybrid, and Private) represents the major and most viable answer to those IT requirements, and software-defined infrastructure (SDI) is its major technological enabler. IBM® technology, with its rich and complete set of storage hardware and software products, supports SDI both in an open standard framework and in other vendors' environments. IBM services are able to deliver solutions to the customers with their extensive knowledge of the topic and the experiences gained in

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partnership with clients. This IBM Redpaper™ publication focuses on software-defined storage (SDS) and IBM Storage Systems product offerings for software-defined environments (SDEs). It also provides use case examples across various industries that cover different client needs, proposed solutions, and results. This paper can help you to understand current organizational capabilities and challenges, and to identify specific business objectives to be achieved by implementing an SDS solution in your enterprise.

Designing Data-Intensive Applications

Red Hat Fedora 5 Unleashed

Content Manager OnDemand Backup, Recovery, and High Availability

Best Practices for Performance and Security

Inexpensive Backup Solutions for Open Systems

InfoWorld

The Essential Guide to Computer Data Storage

When you hear IBM® Tivoli® Storage Manager, the first thing that you typically think of is data backup.

Tivoli Storage Manager is the premier storage management solution for mixed platform environments. Businesses face a tidal wave of information and data that seems to increase daily. The ability to successfully and efficiently manage information and data has become imperative. The Tivoli Storage Manager

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family of products helps businesses successfully gain better control and efficiently manage the information tidal wave through significant enhancements in multiple facets of data protection. Tivoli Storage Manager is a highly scalable and available data protection solution. It takes data protection scalability to the next level with a relational database, which is based on IBM DB2® technology. Greater availability is delivered through enhancements such as online, automated database reorganization. This IBM Redbooks® publication describes the evolving set of data-protection challenges and how capabilities in Tivoli Storage Manager can best be used to address those challenges. This book is more than merely a description of new and changed functions in Tivoli Storage Manager; it is a guide to use for your overall data protection solution.

Designing Storage for Exchange 2007 SP1 will help you understand the new choices and possibilities available in designing your storage environment for Microsoft Exchange Server 2007 SP1. The

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move of Microsoft Exchange Server from a 32-bit application to the 64-bit world reduced the I/O footprint on the storage subsystem. This allows users to consider shared storage deployments or go the opposite way and focus on direct attached storage. Supporting large mailboxes is now possible, but how do you back up and recover the increased amount of data? Exchange Server 2007 Continuous Replication and new features in Windows Server 2008 Failover Clustering provides interesting possibilities for geographically dispersed deployments. This book explains these new built-in features of Exchange Server 2007 and compares them with application independent data replication solutions provided by high-end storage subsystems. It is critical to understand these key technologies to make the right decision which storage solution best fits your business needs. The authors share their experience from large scale deployments and depict configurations used during their projects. Includes a description of how the move to a 64-bit application reduced the I/O behavior Storage

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hardware technologies and Windows storage stack features for Exchange server Exchange Server 2007 Continuous Replication and Windows Server 2008 Failover Clustering Performance monitoring and analysis to optimize the Exchange Server 2007 configuration Build a resilient cloud architecture to tackle data disasters with ease About This Book Gain a firm grasp of Cloud data security and governance, irrespective of your Cloud platform Practical examples to ensure you secure your Cloud environment efficiently A step-by-step guide that will teach you the unique techniques and methodologies of Cloud data governance Who This Book Is For If you are a cloud security professional who wants to ensure cloud security and data governance no matter the environment, then this book is for you. A basic understanding of working on any cloud platform would be beneficial. What You Will Learn Configure your firewall and Network ACL Protect your system against DDOS and application-level attacks Explore cryptography and data security for your cloud Get to grips with configuration

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management tools to automate your security tasks Perform vulnerability scanning with the help of the standard tools in the industry Learn about central log management In Detail Modern day businesses and enterprises are moving to the Cloud, to improve efficiency and speed, achieve flexibility and cost effectiveness, and for on-demand Cloud services. However, enterprise Cloud security remains a major concern because migrating to the public Cloud requires transferring some control over organizational assets to the Cloud provider. There are chances these assets can be mismanaged and therefore, as a Cloud security professional, you need to be armed with techniques to help businesses minimize the risks and misuse of business data. The book starts with the basics of Cloud security and offers an understanding of various policies, governance, and compliance challenges in Cloud. This helps you build a strong foundation before you dive deep into understanding what it takes to design a secured network infrastructure and a well-architected application using

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various security services in the Cloud environment. Automating security tasks, such as Server Hardening with Ansible, and other automation services, such as Monit, will monitor other security daemons and take the necessary action in case these security daemons are stopped maliciously. In short, this book has everything you need to secure your Cloud environment with. It is your ticket to obtain industry-adopted best practices for developing a secure, highly available, and fault-tolerant architecture for organizations. Style and approach This book follows a step-by-step, practical approach to secure your applications and data when they are located remotely.

Tarsnap, the secure online backup service for Unix-like systems, raised the bar for online backups. It's inexpensive. It's reliable. And you don't need to trust the Tarsnap service—they can't access your backups even if they wanted to. With Tarsnap Mastery you'll learn to:

- * install and manage Tarsnap on Linux, Unix, Windows, and OS X
- * fully exploit features like encryption and deduplication
- * create

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and recover archives * customize backups to precisely your requirements * passphrase protect keys * create and manage special-purpose keys * automatically back up and rotate archives * understand and resolve performance issues * quickly restore complete systems Ditch the tape room. Put your backups online, and know that they're safe. Tarsnap Mastery. Because life doesn't back itself up. "I learned a lot about Tarsnap while reading this book - things I had forgotten, and things I had never even realized. As befits the author of so many technical books, Michael's attention to detail is truly outstanding." -Colin Percival, Tarsnap designer

Digital Asset Management for Photographers

SQL Server Backup and Restore

IBM System Storage Business Continuity: Part 1 Planning Guide

Backup & Recovery

Online Backups for the Truly Paranoid

IBM Tivoli Storage Manager as a Data Protection Solution

Succeeding as an Oracle Database Administrator

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The InfoSec Handbook offers the reader an organized layout of information that is easily read and understood. Allowing beginners to enter the field and understand the key concepts and ideas, while still keeping the experienced readers updated on topics and concepts. It is intended mainly for beginners to the field of information security, written in a way that makes it easy for them to understand the detailed content of the book. The book offers a practical and simple view of the security practices while still offering somewhat technical and detailed information relating to security. It helps the reader build a strong foundation of information, allowing them to move forward from the book with a larger knowledge base. Security is a constantly growing concern that everyone must deal with. Whether it ' s an average computer user or a highly skilled computer user, they are always confronted with different security risks. These risks range in danger and should always be dealt with accordingly. Unfortunately, not everyone is aware of the dangers or how to prevent them and this is where most of the issues arise in information technology (IT). When computer users do not take security into account many issues can arise from that like system compromises or loss of data and information. This is an obvious issue that is present with all computer users. This book is intended to educate the average and experienced user of what kinds of different security practices and standards exist. It will also cover how to manage security software and updates in order to be as protected as possible from all of the threats

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that they face.

Data is the lifeblood of modern business, and modern data centers have extremely demanding requirements for size, speed, and reliability. Storage Area Networks (SANs) and Network Attached Storage (NAS) allow organizations to manage and back up huge file systems quickly, thereby keeping their lifeblood flowing. W. Curtis Preston's insightful book takes you through the ins and outs of building and managing large data centers using SANs and NAS. As a network administrator you're aware that multi-terabyte data stores are common and petabyte data stores are starting to appear. Given this much data, how do you ensure that it is available all the time, that access times and throughput are reasonable, and that the data can be backed up and restored in a timely manner? SANs and NAS provide solutions that help you work through these problems, with special attention to the difficulty of backing up huge data stores. This book explains the similarities and differences of SANs and NAS to help you determine which, or both, of these complementing technologies are appropriate for your network. Using SANs, for instance, is a way to share multiple devices (tape drives and disk drives) for storage, while NAS is a means for centrally storing files so they can be shared. Preston exams each technology with a vendor neutral approach, starting with the building blocks of a SAN and how they can be assembled for effective storage solutions. He covers day-to-day management and backup and recovery for both SANs and NAS in detail. Whether you're a seasoned storage

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administrator or a network administrator charged with taking on this role, you'll find all the information you need to make informed architecture and data management decisions. The book fans out to explore technologies such as RAID and other forms of monitoring that will help complement your data center. With an eye on the future, other technologies that might affect the architecture and management of the data center are explored. This is sure to be an essential volume in any network administrator's or storage administrator's library.

This book introduces Information Lifecycle Management (ILM), a powerful new strategy for managing enterprise information based on its value over time. The author explains emerging techniques for protecting storage systems and storage networks, and for integrating storage security into your overall security plan. He also presents new technical advances and opportunities to improve existing data-protection processes, including backup/restore, replication, and remote copy.

The new edition of a bestseller, now revised and update throughout! This new edition of the unparalleled bestseller serves as a full training course all in one and as the world's largest data storage company, EMC is the ideal author for such a critical resource. They cover the components of a storage system and the different storage system models while also offering essential new material that explores the advances in existing technologies and the emergence of the "Cloud" as well as updates and vital information on new technologies. Features a separate section on emerging

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area of cloud computing Covers new technologies such as: data de-duplication, unified storage, continuous data protection technology, virtual provisioning, FCoE, flash drives, storage tiering, big data, and more Details storage models such as Network Attached Storage (NAS), Storage Area Network (SAN), Object Based Storage along with virtualization at various infrastructure components Explores Business Continuity and Security in physical and virtualized environment Includes an enhanced Appendix for additional information This authoritative guide is essential for getting up to speed on the newest advances in information storage and management.

Implementing Backup and Recovery

Designing Storage for Exchange 2007 SP1

Tips & Tools for Shooting, Editing, and Sharing

From Floppy to DVD

The Enterprise Cloud

IBM DB2 Recovery Expert for Multiplatforms V2 Usage Guide

Despite the buzz surrounding the cloud computing, only a small percentage of organizations have actually deployed this new style of IT—so far. If you're planning your long-term cloud strategy, this practical book provides insider knowledge and actionable real-world lessons regarding planning, design, operations, security, and application transformation. This book teaches business and technology managers how to transition their organization's traditional IT to cloud computing. Rather than yet another book trying to sell or convince readers on the benefits of clouds, this book provides guidance, lessons learned, and best practices on how to design, deploy, operate, and secure an enterprise cloud based on

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real-world experience. Author James Bond provides useful guidance and best-practice checklists based on his field experience with real customers and cloud providers. You'll view cloud services from the perspective of a consumer and as an owner/operator of an enterprise private or hybrid cloud, and learn valuable lessons from successful and less-than-successful organization use-case scenarios. This is the information every CIO needs in order to make the business and technical decisions to finally execute on their journey to cloud computing. Get updated trends and definitions in cloud computing, deployment models, and for building or buying cloud services Discover challenges in cloud operations and management not foreseen by early adopters Use real-world lessons to plan and build an enterprise private or hybrid cloud Learn how to assess, port, and migrate legacy applications to the cloud Identify security threats and vulnerabilities unique to the cloud Employ a cloud management system for your enterprise (private or multi-provider hybrid) cloud ecosystem Understand the challenges for becoming an IT service broker leveraging the power of the cloud