Online Storage Solutions

IBM Storage Solutions for Blockchain Platform Version 1.2Information Storage and ManagementCollaborative Web HostingICCSM2014-Proceedings of the International Conference on Cloud Security Management ICCSM-2014Finish Your Film! Tips and Tricks for Making an Animated Short in MayaCloud ComputingTape Storage SolutionsDatabase InternalsIBM Storage Solutions for Splunk EnterpriseConceptual Advances in Pathology, An Issue of Clinics in Laboratory Medicine - E-BookData Intensive Storage Services for Cloud EnvironmentsThe Solution RevolutionMCSA Windows Server 2012 R2 Configuring Advanced Services Study GuideSAP Hardware SolutionsIBM System Storage Solutions HandbookPro Android Web AppsOS X Mountain Lion Tips and TricksOrganizing Solutions for Every QuilterIC3: Internet and Computing Core Certification Key Applications Global Standard 4 Study GuideIBM Storage Solutions for IBM Cloud Private BlueprintOnline Storage Systems and Transportation Problems with ApplicationsA Beginner's Guide to Using Your iPhone as a Business Productivity ToolIBM Private, Public, and Hybrid Cloud Storage SolutionsIC3: Internet and Computing Core Certification Global Standard 4 Study GuideExam Ref 70-342 Advanced Solutions of Microsoft Exchange Server 2013 (MCSE)Using SANs and NASThe Holy Grail of Data Storage ManagementIBM Storage Solutions for SAP Applications Version 1.4Audio Production WorktextOptimize the Value of Your Data with Oracle and IBM Flash Storage SolutionsSecurity for Cloud Storage SystemsCLOUD AND INTERNET SECURITYCloud Security and PrivacyHTML5 SolutionsMicrosoft Windows Operating System EssentialsCloud Storage ForensicsMoving Hadoop to the CloudUbuntu Unleashed 2015 EditionIBM Private, Public, and Hybrid Cloud Storage Solutions

IBM Storage Solutions for Blockchain Platform Version 1.2

Information Storage and Management

The bestselling MCSA study guide, with expert instruction andhands-on practice MCSA Windows Server 2012 R2 Configuring Advanced ServicesStudy Guide provides focused preparation for exam 70-412 and isfully updated to align with the latest Windows Server 2012 R2objectives. This comprehensive guide covers 100 percent of all examobjective domains, and includes hundreds of practice questions andanswers. You get access to video demonstrations, electronicflashcards, and practice exams, and hands-on exercises based onreal-world scenarios allow you to apply your skills to everydaytasks. Organized by objective, each chapter includes reviewquestions and a list of Exam Essentials that help you judge yourlevel of preparedness every step of the way. Exam 70-412: Configuring Advanced Windows Server 2012 Servicesis the third and final exam in the MCSA certification series, andwas recently updated to cover Server R2. Additions includeenhancements to Hyper-V, Storage Spaces, and Active Directory, soit's crucial that your study guide be up to date as well. This bookcovers the entire exam, including the new information, withexpert instruction and easy-to-follow explanation that helps youto: Configure network services, high availability, informationprotection, and more Implement business continuity and disaster recoverysolutions Get hands-on practice in real-world scenarios Pass this one last exam and you become a

Microsoft CertifiedSolutions Associate – someone with trusted, demonstratedexpertise in the server software with over 83 percent market share.Businesses rely on Windows Server, and the people who understandthem are in demand. Thorough preparation is the key to examsuccess, and MCSA Windows Server 2012 R2 Configuring AdvancedServices Study Guide provides all the information you need toknow.

Collaborative Web Hosting

When it comes to choosing, using, and maintaining a database, understanding its internals is essential. But with so many distributed databases and tools available today, it's often difficult to understand what each one offers and how they differ. With this practical guide, Alex Petrov guides developers through the concepts behind modern database and storage engine internals. Throughout the book, you'll explore relevant material gleaned from numerous books, papers, blog posts, and the source code of several open source databases. These resources are listed at the end of parts one and two. You'll discover that the most significant distinctions among many modern databases reside in subsystems that determine how storage is organized and how data is distributed. This book examines: Storage engines: Explore storage classification and taxonomy, and dive into B-Tree-based and immutable Log Structured storage engines, with differences and use-cases for each Storage building blocks: Learn how database files are organized to build efficient storage, using auxiliary data structures such as Page Cache, Buffer Pool and Write-Ahead Log Distributed systems: Learn step-by-step how nodes and processes connect and build complex communication patterns Database clusters: Which consistency models are commonly used by modern databases and how distributed storage systems achieve consistency

ICCSM2014-Proceedings of the International Conference on Cloud Security Management ICCSM-2014

Discover hundreds of tips, tricks, and shortcuts for doing more, sharing more, and having more fun with your Mac that's running Mountain Lion! This easy, nontechnical tutorial brings together powerful new ways to use OS X 10.8's coolest features and hottest new innovations! Perfect for Mac beginners, Windows® refugees, and long-time Mac users upgrading to Mountain Lion, it's packed with great ideas and solutions you would never discover on your own–all explained simply, step-by-step, with full-color pictures. Whether you're running a desktop iMac, a MacBook, or MacBook Air notebook computer, this book will make you even happier with your Apple computer than you already are! Here's just a sampling of what you'll learn how to do: • Make the most of Mountain Lion's new and revamped iPad-style apps • Share content on Facebook or Twitter instantly, without switching apps • Painlessly sync all your Apple devices (including your Macs, iPhone, iPad, or iPod touch) • Communicate more efficiently with Messages • Compete against other gamers online from your Mac • Get access to iCloud's any time/any where free storage • Use Apple's "Find My Mac" service to find and remotely password-protect your Mac if it's lost or stolen • Get Notification Center to show you what you want–and only what you want • Transcribe voice dictation straight into your apps • Discover great shortcuts for apps like Contacts, Calendar,

and Mail • Automatically back up your stuff with Time Machine • Organize your life with Reminders and create detailed To Do lists that sync with all of your computers and Apple mobile devices • Wirelessly simulcast presentations, home videos, and iTunes content to your TV (using Apple TV) • Use iPhoto's Faces tool to sort images based on who's in them, and then edit, print, and share them with ease • Hold free real-time videoconferences with other Apple users using FaceTime or anyone using Skype • Transition painlessly from any version of Windows®

Finish Your Film! Tips and Tricks for Making an Animated Short in Maya

HTML5 brings the biggest changes that HTML has seen in years. Web designers and developers now have a whole host of new techniques up their sleeves, from displaying video and audio natively in HTML, to creating realtime graphics directly on a web page without the need for a plugin. But all of these new technologies bring more tags to learn and more avenues for things to go wrong. HTML5 Solutions provides a collection of solutions to all of the most common HTML5 problems. Every solution contains sample code that is production-ready and can be applied to any project.

Cloud Computing

A while back I wrote two documents called 'Building a Cloud Service' and the 'Convergence Report'. They basically documented my past experiences and detailed some of the issues that a cloud company may face as it is being built and run. Based on what had transpired since, a lot of the concepts mentioned in that particular document are becoming widely adopted and/or are trending towards them. This is a continuation of that particular document and will attempt to analyse the issues that are faced as we move towards the cloud especially with regards to security. Once again, we will use past experience, research, as well as current events trends in order to write this particular report. Personal experience indicates that keeping track of everything and updating large scale documents is difficult and depending on the system you use extremely cumbersome. The other thing readers have to realise is that a lot of the time even if the writer wants to write the most detailed book ever written it's quite simply not possible. Several of my past works (something such as this particular document takes a few weeks to a few months to write depending on how much spare time I have) were written in my spare time and between work and getting an education. If I had done a more complete job they would have taken years to write and by the time I had completed the work updates in the outer world would have meant that the work would have meant that at least some of the content would have been out of date. Dare I say it, by the time that I have completed this report itself some of the content may have come to fruition as was the case with many of the technologies with the other documents? I very much see this document as a starting point rather than a complete reference for those who are interested in technology security. Note that the information contained in this document is not considered to be correct nor the only way in which to do things. It's a mere guide to how the way things are and how we can improve on them. Like my previous work, it should be considered a work in progress. Also, note that this document has gone through

many revisions and drafts may have gone out over time. As such, there will be concepts that may have been picked up and adopted by some organisations while others may have simply broken cover while this document was being drafted and sent out for comment. It also has a more strategic/business slant when compared to the original document which was more technically orientated. No illicit activity (as far as I know and have researched) was conducted during the formulation of this particular document. All information was obtained only from publicly available resources and any information or concepts that are likely to be troubling has been redacted. Any relevant vulnerabilities or flaws that were found were reported to the relevant entities in question (months have passed). Feedback/credit on any ideas that are subsequently put into action based on the content of this document would be appreciated. Any feedback on the content of this document is welcome. Every attempt has been made to ensure that the instructions and information herein are accurate and reliable. Please send corrections, comments, suggestions and questions to the author. All trademarks and copyrights are the property of their owners, unless otherwise indicated. Use of a term in this document should not be regarded as affecting the validity of any trademark or service mark. The author would appreciate and consider it courteous if notification of any and all modifications, translations, and printed versions are sent to him. Please note that this is an organic document that will change as we learn more about this new computing paradigm. The latest copy of this document can be found either on the author's website, blog, and/or http://www.tldp.org/

Tape Storage Solutions

The goal of this text is to describe the technical design aspects of the IT infrastructure; it does not give the details of installing and customizing SAP software, nor business process reengineering. Using primarily HP products for the solution examples, the chapters guide the reader through the foundation of the systems from an IT perspective, reviews its business application and architecture and introduces the server systems, then describes data storage, high availability and recovery solutions, client PCs with front-end user interfaces, output management and printing solutions, network infrastructure and requirements, cabling designs, LANs and WANs, and connecting mySAP.com to the Internet. Both authors are members of the HP-SAP International Competence Center. Annotation copyrighted by Book News, Inc., Portland, OR

Database Internals

Appendices A Rotastore A. l Tabular Results for Different Models A. 2 Tabular Results for Different Algorithms B OptiTrans B. l Input Data B. l. l Input Data Common to all Solution Approaches B. 1. 2 Specific Input Data for the MILP Model and the Column Enumeration Approach B. 1. 3 Specific Input Data for the Heuristic Methods B. 1. 3. 1 Penalty Criteria B. 1. 3. 2 Control Parameters of the OptiTrans Software B. 2 Tabular Results B. 2. 1 Tabular Results for the MILP Model B. 2. 2 Tabular Results for the Heuristic Methods B. 2. 2. 1 Input Data for a Whole Day - Offline Analysis B. 2. 2. 2 Results for CIH and SA References Index Preface This book covers the analysis and development of online algorithms involving exact optimization and heuristic techniques, and their appli- tion to solve two real life problems. The first problem is concerned with a complex technical system: a

special carousel based high-speed storage system - Rotastore. It is shown that this logistic problem leads to an NP-hard Batch Presorting Pr- lem (BPSP) which is not easy to solve optimally in offline situations. We consider a polynomial case and develope an exact algorithm for offline situations. Competitive analysis showed that the proposed online - gorithm is 312-competitive. Online algorithms with lookahead improve the online solutions in particular cases. If the capacity constraint on additional storage is neglected the problem has a totally unimodular polyhedron.

IBM Storage Solutions for Splunk Enterprise

Government Alone Can't Solve Society's Biggest Problems World hunger. Climate change. Crumbling infrastructure. It's clear that in today's era of fiscal constraints and political gridlock, we can no longer turn to government alone to tackle these and other towering social problems. What's required is a new, more collaborative and productive economic system. The Solution Revolution brings hope—revealing just such a burgeoning new economy where players from across the spectrum of business, government, philanthropy, and social enterprise converge to solve big problems and create public value. By erasing public-private sector boundaries, the solution economy is unlocking trillions of dollars in social benefit and commercial value. Where tough societal problems persist, new problem solvers are crowdfunding, ridesharing, app-developing, or impact-investing to design innovative new solutions for seemingly intractable problems. Providing low-cost health care, fighting poverty, creating renewable energy, and preventing obesity are just a few of the tough challenges that also represent tremendous opportunities for those at the vanguard of this movement. They create markets for social good and trade solutions instead of dollars to fill the gap between what government can provide and what citizens need. So what drives the solution economy? Who are these new players and how are their roles changing? How can we grow the movement? And how can we participate? Deloitte's William D. Eggers and Paul Macmillan answer these questions and more, and they introduce us to the people and organizations driving the revolution—from edgy social enterprises growing at a clip of 15 percent a year, to megafoundations, to Fortune 500 companies delivering social good on the path to profit. Recyclebank, RelayRides, and LivingGoods are just a few of the innovative organizations you'll read about in this book. Government cannot handle alone the huge challenges facing our global society—and it shouldn't. We need a different economic paradigm that can flexibly draw on resources, combine efforts, and create value, while improving the lives of citizens. The Solution Revolution shows the way.

Conceptual Advances in Pathology, An Issue of Clinics in Laboratory Medicine - E-Book

Prepare for Microsoft Exam 70-342--and demonstrate your real-world mastery of advanced Microsoft Exchange Server 2013 solution design, configuration, implementation, management, and support. Designed for experienced IT professionals ready to advance, Exam Ref focuses on critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: Configure, manage, and migrate Unified Messaging

Design, configure, and manage site resiliency Design, configure, and manage advanced security Configure and manage compliance, archiving, and discovery solutions Implement and manage coexistence, hybrid scenarios, migration, and federation This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Provides exam preparation tips written by two Exchange Server MVPs Assumes you have at least three years of experience managing Exchange Servers and have responsibilities for an enterprise Exchange messaging environment About the Exam Exam 70-342 is one of two exams focused on Microsoft Exchange Server 2013 skills and knowledge for moving to the cloud, increasing user productivity and flexibility, reducing data loss, and improving data security. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Expert (MCSE) certification that proves your ability to build innovative solutions across multiple technologies, both on-premises and in the cloud. Exam 70-341 and Exam 70-342 are required for MCSE: Messaging Solutions Expert certification. See full details at: microsoft.com/learning

Data Intensive Storage Services for Cloud Environments

This Blueprint is intended to define the infrastructure that is required for a blockchain remote peer and to facilitate the deployment of IBM Blockchain Platform on IBM Cloud Private using that infrastructure. This infrastructure includes the necessary document handler components, such as IBM Blockchain Document Store, and covers the required storage for on-chain and off-chain blockchain data. To complete these tasks, you must have a basic understanding of each of the used components or have access the correct educational material to gain that knowledge.

The Solution Revolution

This IBM® RedpaperTM publication is intended as an architecture and configuration guide to set up the IBM System StorageTM for the SAP HANA tailored data center integration (SAP HANA TDI) within a storage area network (SAN) environment. SAP HANA TDI allows the SAP customer to attach external storage to the SAP HANA server. The paper also describes the setup and configuration of SAP Landscape Management for SAP HANA systems on IBM infrastructure components: IBM Power Systems and IBM Storage based on IBM Spectrum® Virtualize. This document is written for IT technical specialists and architects with advanced skill levels on SUSE Linux Enterprise Server or Red Hat Enterprise Linux (RHEL) and IBM System Storage. This document provides the necessary information to select, verify, and connect IBM System Storage to the SAP HANA server through a Fibre Channel-based SAN. The recommendations in this Blueprint apply to single-node and scale-out configurations, and Intel and IBM Power based SAP HANA systems.

MCSA Windows Server 2012 R2 Configuring Advanced Services Study Guide

Compares the architecture, management responsibilities, storage procedures, size, and reliability of the information storage and retrieval technologies.

SAP Hardware Solutions

These Proceedings are the work of researchers contributing to the 2nd International Conference on Cloud Security Management Security (ICCSM 2014), being held this year at the University of Reading, UK on the 23-24 October 2014, . The conference chair is Dr John McCarthy, Vice President, from the Cyber Security, ServiceTech, UK and the Programme Chair is Dr. Barbara Endicott-Popovsky, from the Center for Information Assurance and Cybersecurity, University of Washington, Seattle, USA. As organisations rush to adopt Cloud Computing at a rate faster than originally projected, it is safe to predict that, over the coming years, Cloud Computing will have major impacts, not only on the way we conduct science and research, but also on the quality of our daily human lives. Computation research, education, and business communities have been exploring the potential benefits of Cloud Computing and the changes these imply. Experts have predicted that the move to the cloud will alter significantly the content of IT jobs, with cloud clients needing fewer hands-on skills and more skills that administer and manage information. Bill Gates was recently quoted: "How you gather, manage, and use information will determine whether you win or lose." Cloud Computing impacts will be broad and pervasive, applying to public and private institutions alike.

IBM System Storage Solutions Handbook

You may regard cloud computing as an ideal way for your company to control IT costs, but do you know how private and secure this service really is? Not many people do. With Cloud Security and Privacy, you'll learn what's at stake when you trust your data to the cloud, and what you can do to keep your virtual infrastructure and web applications secure. Ideal for IT staffers, information security and privacy practitioners, business managers, service providers, and investors alike, this book offers you sound advice from three well-known authorities in the tech security world. You'll learn detailed information on cloud computing security that-until now-has been sorely lacking. Review the current state of data security and storage in the cloud, including confidentiality, integrity, and availability Learn about the identity and access management (IAM) practice for authentication, authorization, and auditing of the users accessing cloud services Discover which security management frameworks and standards are relevant for the cloud Understand the privacy aspects you need to consider in the cloud, including how they compare with traditional computing models Learn the importance of audit and compliance functions within the cloud, and the various standards and frameworks to consider Examine security delivered as a service-a different facet of cloud security

Pro Android Web Apps

This IBM® RedpaperTM publication takes you on a journey that surveys cloud computing to answer several fundamental questions about storage cloud technology. What are storage clouds? How can a storage cloud help solve your current and future data storage business requirements? What can IBM do to help

you implement a storage cloud solution that addresses these needs? This paper shows how IBM storage clouds use the extensive cloud computing experience, services, proven technologies, and products of IBM to support a smart storage cloud solution designed for your storage optimization efforts. Clients face many common storage challenges and some have variations that make them unique. It describes various successful client storage cloud implementations and the options that are available to meet your current needs and position you to avoid storage issues in the future. IBM CloudTM Services (IBM Cloud Managed Services® and IBM SoftLayer®) are highlighted as well as the contributions of IBM to OpenStack cloud storage. This paper is intended for anyone who wants to learn about storage clouds and how IBM addresses data storage challenges with smart storage cloud solutions. It is suitable for IBM clients, storage solution integrators, and IBM specialist sales representatives.

OS X Mountain Lion Tips and Tricks

A full-color guide to key Windows 7 administration concepts andtopics Windows 7 is the leading desktop software, yet it can be adifficult concept to grasp, especially for those new to the fieldof IT. Microsoft Windows Operating System Essentials is anideal resource for anyone new to computer administration andlooking for a career in computers. Delving into areas such asfundamental Windows 7 administration concepts and various desktopOS topics, this full-color book addresses the skills necessary forindividuals looking to break into a career in IT. Each chapter begins with a list of topic areas to be discussed,followed by a clear and concise discussion of the core Windows 7administration concepts and skills necessary so you can gain astrong understanding of the chapter topic areas. The chaptersconclude with review questions and suggested labs, so you can gaugeyour understanding of the chapter's contents. Offers in-depth coverage of operating systemconfigurations Explains how to install and upgrade client systems Addresses managing applications and devices Helps you understand operating system maintenance Covers the topics you need to know for the MTA 98-349 exam The full-color Microsoft Windows 7 Essentials provesitself to be an invaluable resource on Windows 7 and featuresadditional learning tutorials and tools.

Organizing Solutions for Every Quilter

Providing insight into the impact media convergence has had on the radio industry, this new edition delivers an excellent introduction to the modern radio production studio, the equipment found in that studio, and the basic techniques needed to accomplish radio production work. New chapters addressing the basics of field recording, production planning, and sound for video are included, as well as a renewed emphasis on not just radio production, but audio production. Featuring a worktext format tailored for both students and teachers, self-study questions, hands-on projects, and a CD with project material, quizzes, and demonstrations of key concepts, this book offers a solid foundation for anyone who wishes to know more about radio/audio equipment and production techniques.

IC3: Internet and Computing Core Certification Key Applications Global Standard 4 Study Guide

This issue of Clinics in Laboratory Medicine titled, "Conceptual Advances in Pathology" addresses the key factors impacting pathology and details the technology surrounding the field. The Guest Editor, Zoltan Oltvai, MD., splits the issue into three sections; Technological Advances, Process Advances, Educational and Practice Needs, and the Business of Pathology.

IBM Storage Solutions for IBM Cloud Private Blueprint

This document is intended to facilitate the deployment of the Splunk Enterprise Solutions using IBM All Flash Array systems for the Hot and Warm tiers, and IBM Elastic Storage System for the Cold and Frozen tiers. This document provides the reference architecture and configuration guidelines for the IBM Storage systems. The information in this document is distributed on an "as is" basis without any warranty that is either expressed or implied. Support assistance for the use of this material is limited to situations where IBM Storage Systems are supported, entitled and where the issues are specific to a blueprint implementation.

Online Storage Systems and Transportation Problems with Applications

With the evolution of digitized data, our society has become dependent on services to extract valuable information and enhance decision making by individuals, businesses, and government in all aspects of life. Therefore, emerging cloud-based infrastructures for storage have been widely thought of as the next generation solution for the reliance on data increases. Data Intensive Storage Services for Cloud Environments provides an overview of the current and potential approaches towards data storage services and its relationship to cloud environments. This reference source brings together research on storage technologies in cloud environments and various disciplines useful for both professionals and researchers.

A Beginner's Guide to Using Your iPhone as a Business Productivity Tool

In the era of the Internet of Things and Big Data, Cloud Computing has recently emerged as one of the latest buzzwords in the computing industry. It is the latest evolution of computing, where IT recourses are offered as services. Cloud computing provides on-demand, scalable, device-independent, and reliable services to its users. The exponential growth of digital data bundled with the needs of analysis, processing and storage, and cloud computing has paved the way for a cheap, secure, and omnipresent computing framework allowing for the delivery of enormous computing and storage capacity to a diverse community of end-recipients. Clouds are distributed technology platforms that leverage sophisticated technology innovations to provide highly scalable and resilient environments that can be remotely utilized by organizations in a multitude of powerful ways. The term cloud is often used as a metaphor for the Internet and can be defined as a new type of utility computing that basically uses servers that have been made available to third parties via the Internet.

IBM Private, Public, and Hybrid Cloud Storage Solutions

The quickest, easiest, and friendliest guide to using your iPhone 4 for business. After spending hundreds of hours on dozens of computers, the iPhone 4 is the best computer I've ever owned. This tiny machine runs Apple's powerful iOS and features a huge number of fantastic business apps. In this book, I describe the business deployment of the iPhone, how to complete common business tasks such as working with documents, presentations, and the calendar, how to use travel appsand yes, of course, phone calls.

IC3: Internet and Computing Core Certification Global Standard 4 Study Guide

A professional organizer's handy guide to creating an uncluttered, inviting quilting space for yourself—whether it's a small closet or a large studio. This practical guide shows you how to organize and maintain your quilting space, no matter what size. Learn handy ways to sort and arrange all of your fabrics and supplies into easy-to-use stations—and find actual organizing solutions from quilters' studios, including Alex Anderson and Diana McClun. Create a calm and happy place for all your beloved fabrics, books, notions, tools, and even UFOs (unfinished objects). With colorful photos, you'll see real examples of what makes an efficient, functional, and inviting quilting space. You'll identify what's causing the clutter, learn how to turn it into a more creative zone, and find more time to do what you love—quilt!

Exam Ref 70-342 Advanced Solutions of Microsoft Exchange Server 2013 (MCSE)

Developing applications for Android and other mobile devices using web technologies is now well within reach. When the capabilities of HTML5 are combined with CSS3 and JavaScript, web application developers have an opportunity to develop compelling mobile applications using familiar tools. Not only is it possible to build mobile web apps that feel as good as native apps, but to also write an application once and have it run a variety of different devices. While the HTML5 specification is still evolving, there is a lot that can be used right now to build mobile web apps. Mobile web apps are now starting to provide many of the features that were once only available to native-language-based apps in Java, Objective-C, etc. Pro Android Web Apps teaches developers already familiar with web application development, how to code and structure a web app for use on the Android mobile platform. Understand both the why and how of mobile web app development, focusing on the Android platform. Learn how to structure mobile web apps through a number of practical, real-world application examples. Discover what cloud platforms such as Google AppEngine have to offer Android web apps, for both hosting web apps and providing device to cloud data synchronization solutions. Get a real picture of the status of HTML5 on Android and other mobile devices, including some things to watch out for when building your own applications. Understand the capabilities of the web application stack, and how to complement those with native bridging frameworks such as PhoneGap to access native features of the device. Gain an understanding of the different UI frameworks that are available for building mobile web apps. Learn how to include mapping and leverage location-based services in mobile web apps to create engaging mobile

experiences. Enable social integration with your Android web app and gain access to millions of potential users. After reading this book, you will not only have a greater understanding of the world of web apps on Android, but also how to leverage additional tools and frameworks to increase the reach of your mobile web apps. Additionally, through the practical samples in the book you will have been given solid exposure of where both the opportunities and challenges lie when building mobile apps the web way.

Using SANs and NAS

This brief presents a peer-to-peer (P2P) web-hosting infrastructure (named pWeb) that can transform networked, home-entertainment devices into lightweight collaborating Web servers for persistently storing and serving multimedia and web content. The issues addressed include ensuring content availability, Plexus routing and indexing, naming schemes, web ID, collaborative web search, network architecture and content indexing. In pWeb, user-generated voluminous multimedia content is proactively uploaded to a nearby network location (preferably within the same LAN or at least, within the same ISP) and a structured P2P mechanism ensures Internet accessibility by tracking the original content and its replicas. This new paradigm of information management strives to provide low or no-cost cloud storage and entices the end users to upload voluminous multimedia content to the cloud data centers. However, it leads to difficulties in privacy, network architecture and content availability. Concise and practical, this brief examines the benefits and pitfalls of the pWeb web-hosting infrastructure. It is designed for professionals and practitioners working on P2P and web management and is also a useful resource for advanced-level students studying networks or multimedia.

The Holy Grail of Data Storage Management

Master word processing, spreadsheets, and presentations ahead ofthe IC3 exam IC3: Internet and Computing Core Certification KeyApplications Study Guide is your ideal study guide when youwant to focus on the Key Applications exam module in preparationfor the IC3. This book covers common features and functions, wordprocessing, spreadsheets, and presentations, all presented in aclear, concise style. Hands-on examples and self-paced exercisesshow you how to perform critical tasks needed to pass the exam, andthe companion website offers a diverse set of study tools includingthe Sybex test engine, a preassessment test, hundreds of practicequestions, videos, and access to over one hundred electronicflashcards. Test your skills and solidify your understanding of KeyApplications for the IC3. Master the functions common to all programs, and the mostcommon features Review the basics of word processing, with formatting andautomation Understand spreadsheets, and how to manipulate data withformulas Brush up on the creation and formatting of simplepresentations When you are serious about certification, IC3 providesthe practice that inspires self-confidence.

IBM Storage Solutions for SAP Applications Version 1.4

Ubuntu Unleashed 2015 Edition is filled with unique and advanced information for

everyone who wants to make the most of the Linux-based Ubuntu operating system. This new edition has been thoroughly revised and updated by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 14.10 while including tons of information that will continue to apply to future editions. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 14.10 installation, configuration, productivity, multimedia, development, system administration, server operations, networking, virtualization, security, DevOps, and more–including intermediate-to-advanced techniques you won't find in any other book. Helmke presents up-to-the-minute introductions to Ubuntu's key productivity and Web development tools, programming languages, hardware support, and more. You'll find new or improved coverage of Ubuntu's Unity interface, various types of servers, software repositories, database options, virtualization and cloud services, development tools, monitoring, troubleshooting, Ubuntu's push into mobile and other touch screen devices, and much more. Detailed information on how to… Configure and customize the Unity desktop Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and run Ubuntu from the command line Automate tasks and use shell scripting Provide secure remote access and configure a secure VPN Manage kernels and modules Administer file, print, email, proxy, LDAP, DNS, and HTTP servers (Apache, Nginx, or alternatives) Learn about new options for managing large numbers of servers Work with databases (both SQL and the newest NoSQL alternatives) Get started with virtualization Build a private cloud with Juju and Charms Learn the basics about popular programming languages including Python, PHP, Perl, and new alternatives such as Go and Rust Learn about Ubuntu's work toward usability on touch-screen and phone devices Ubuntu 14.10 on DVD DVD includes the full Ubuntu 14.10 distribution for 64 bit computers (most desktop and notebooks systems today) as well as the complete LibreOffice office suite and hundreds of additional programs and utilities. Free Kick Start Chapter! Purchase this book and receive a free Ubuntu 15.04 Kick Start chapter after Ubuntu 15.04 is released. See inside back cover for details

Audio Production Worktext

This IBM® RedpaperTM publication takes you on a journey that surveys cloud computing to answer several fundamental questions about storage cloud technology. What are storage clouds? How can a storage cloud help solve your current and future data storage business requirements? What can IBM do to help you implement a storage cloud solution that addresses these needs? This paper shows how IBM storage clouds use the extensive cloud computing experience, services, proven technologies, and products of IBM to support a smart storage cloud solution designed for your storage optimization efforts. Clients face many common storage challenges and some have variations that make them unique. It describes various successful client storage cloud implementations and the options that are available to meet your current needs and position you to avoid storage issues in the future. IBM CloudTM Services (IBM Cloud Managed Services® and IBM SoftLayer®) are highlighted as well as the contributions of IBM to OpenStack cloud storage. This paper is intended for anyone who wants to learn about storage clouds and how IBM addresses data storage challenges with smart storage cloud solutions. It is suitable for IBM clients, storage solution integrators, and IBM specialist sales representatives.

Optimize the Value of Your Data with Oracle and IBM Flash Storage Solutions

Finish Your Film! Tips and Tricks for Making an Animated Short in Maya is a first-of-its-kind book that walks the reader step-by-step through the actual production processes of creating a 3D Short film with Maya. Other books focus solely on the creative decisions of 3D Animation and broadly cover the multiple phases of animation production with no real applicable methods for readers to employ. This book shows you how to successfully manage the entire Maya animation pipeline. This book blends together valuable technical tips on film production and real-world shortcuts in a step-by-step approach to make sure you do not get lost. Follow along with author and director Kenny Roy as he creates a short film in front of your eyes using the exact same methods he shows you in the book. Armed with this book, you'll be able to charge forth into the challenge of creating a short film, confident that creativity will show up on screen instead of being stifled by the labyrinth that is a 3D animation pipeline.

Security for Cloud Storage Systems

IBM Storage Solutions for IBM CloudTM Private delivers a blueprint for multicloud architecture. IBM, delivering solutions to help you win. In this blueprint, learn how to: Combine the benefits of IBM Systems with the performance of IBM Storage solutions so that you can deliver the right services to your clients today. Deliver optimized private cloud services ahead of schedule and under budget with a complete IBM Cloud Private stack. Containerize applications and deliver the SLAs that your team needs to thrive and win. Implement IBM Cloud Private to deploy modern applications like blockchain and AI or modernize what you already have. You now have the capabilities. This edition applies to IBM Storage Solutions for IBM Cloud Private Version 1 Release 4.0.

CLOUD AND INTERNET SECURITY

Until recently, Hadoop deployments existed on hardware owned and run by organizations. Now, of course, you can acquire the computing resources and network connectivity to run Hadoop clusters in the cloud. But there's a lot more to deploying Hadoop to the public cloud than simply renting machines. This hands-on guide shows developers and systems administrators familiar with Hadoop how to install, use, and manage cloud-born clusters efficiently. You'll learn how to architect clusters that work with cloud-provider features—not just to avoid pitfalls, but also to take full advantage of these services. You'll also compare the Amazon, Google, and Microsoft clouds, and learn how to set up clusters in each of them. Learn how Hadoop clusters run in the cloud, the problems they can help you solve, and their potential drawbacks Examine the common concepts of cloud providers, including compute capabilities, networking and security, and storage Build a functional Hadoop cluster on cloud infrastructure, and learn what the major providers require Explore use cases for high availability, relational data with Hive, and complex analytics with Spark Get patterns and practices for running cloud clusters, from designing for price and security to dealing with maintenance

Cloud Security and Privacy

To reduce the risk of digital forensic evidence being called into question in judicial proceedings, it is important to have a rigorous methodology and set of procedures for conducting digital forensic investigations and examinations. Digital forensic investigation in the cloud computing environment, however, is in infancy due to the comparatively recent prevalence of cloud computing. Cloud Storage Forensics presents the first evidence-based cloud forensic framework. Using three popular cloud storage services and one private cloud storage service as case studies, the authors show you how their framework can be used to undertake research into the data remnants on both cloud storage servers and client devices when a user undertakes a variety of methods to store, upload, and access data in the cloud. By determining the data remnants on client devices, you gain a better understanding of the types of terrestrial artifacts that are likely to remain at the Identification stage of an investigation. Once it is determined that a cloud storage service account has potential evidence of relevance to an investigation, you can communicate this to legal liaison points within service providers to enable them to respond and secure evidence in a timely manner. Learn to use the methodology and tools from the first evidenced-based cloud forensic framework Case studies provide detailed tools for analysis of cloud storage devices using popular cloud storage services Includes coverage of the legal implications of cloud storage forensic investigations Discussion of the future evolution of cloud storage and its impact on digital forensics

HTML5 Solutions

The IBM® System Storage® Solutions Handbook helps you solve your current and future data storage business requirements. It helps you achieve enhanced storage efficiency by design to allow managed cost, capacity of growth, greater mobility, and stronger control over storage performance and management. It describes the most current IBM storage products, including the IBM SpectrumTM family, IBM FlashSystem®, disk, and tape, as well as virtualized solutions such IBM Storage Cloud. This IBM Redbooks® publication provides overviews and information about the most current IBM System Storage products. It shows how IBM delivers the right mix of products for nearly every aspect of business continuance and business efficiency. IBM storage products can help you store, safeguard, retrieve, and share your data. This book is intended as a reference for basic and comprehensive information about the IBM Storage products portfolio. It provides a starting point for establishing your own enterprise storage environment. This book describes the IBM Storage products as of March, 2016.

Microsoft Windows Operating System Essentials

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 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.

Cloud Storage Forensics

In this multicloud and cognitive era, information continues to grow rapidly. By 2025, IDC says worldwide data will grow by 61% to 175 zettabytes, with as much of the data in data centers as in the cloud. IT environments with Oracle deployments will need to accommodate that data growth, including storing, copying, mirroring, and protecting the data. When IT budgets are constrained but data keeps growing, storage costs can consume more than their fair share of the IT budget. The leading-edge portfolio of storage solutions and essential technologies of IBM® can help organizations stay ahead of the information explosion. Designed with built-in efficiency, these solutions represent preferred practices that address the following main storage objectives for hybrid multicloud environments: Stop storing so much Store more with what you have. Move Oracle and related data to balance performance and efficiency IBM offers true enterprise class storage support for Oracle deployments at a low total cost of ownership (TCO). With flash disk, tape, storage network hardware, consolidated management console, software-defined storage solutions, and security software, IBM can provide Oracle customers the full spectrum of products to meet their availability, retention, security, and compliance requirements.

Moving Hadoop to the Cloud

Cloud storage is an important service of cloud computing, which offers service for data owners to host their data in the cloud. This new paradigm of data hosting and data access services introduces two major security concerns. The first is the protection of data integrity. Data owners may not fully trust the cloud server and worry that data stored in the cloud could be corrupted or even removed. The second is data access control. Data owners may worry that some dishonest servers provide data access to users that are not permitted for profit gain and thus they can no longer rely on the servers for access control. To protect the data integrity in the cloud, an efficient and secure dynamic auditing protocol is introduced, which can support dynamic auditing and batch auditing. To ensure the data security in the cloud, two efficient and secure data access control schemes are introduced in this brief: ABAC for Single-authority Systems and DAC-MACS for Multi-authority Systems. While Ciphertext-Policy Attribute-based Encryption (CP-ABE) is a promising technique for access control of encrypted data, the existing schemes cannot be directly applied to data access control for cloud storage systems because of the attribute revocation problem. To solve the attribute revocation problem, new Revocable CP-ABE methods are proposed in both ABAC and DAC-

MACS.

Ubuntu Unleashed 2015 Edition

Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the exam objectives for all three of the IC3-GS4 exam modules: Computing Fundamentals Key Applications Living Online The book will contain clear and concise information fundamental computing concepts and skills. It will include hands-on examples and self-paced exercises showing readers how to perform critical tasks need to pass the exams. Key exam topics, including: Operating system basics Computer hardware/software and concepts Troubleshooting Common computer application features Word processing, spreadsheet, and presentation activities Basic database interactions Collaboration Browsers Networking concepts Digital communication and citizenship Safe computing Research fluency Finally, readers will have access to a robust set of learning tools, including the Sybex test engine with chapter review questions, a preassessment test, hundreds of practice test questions (including performance-based questions), and author videos. Readers will also have access to over 100 electronic flashcards and the chapter files needed to complete the hands-on and self-paced exercises in the book.

IBM Private, Public, and Hybrid Cloud Storage Solutions

This book discusses and develops models intended for the reader as a starting point in conceptulizing, planning, integrating, and managing storage capabilities in a distributed environment.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION