

Isilon Administration Guide

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SAS Certification Prep Guide Sas Institute 2017-12-22
Prepare for the SAS Base Programming for SAS 9 exam with the official guide by the SAS Global Certification Program. New and experienced SAS users who want to prepare for the SAS Base Programming for SAS 9 exam will find this guide to be an invaluable, convenient, and comprehensive resource that covers all of the objectives tested on the exam. Now in its fourth edition, the guide has been extensively updated, and revised to streamline explanations. Major topics include importing and exporting raw data files, creating and modifying SAS data sets, and identifying and correcting data syntax and programming logic errors. The chapter quizzes have been thoroughly updated and full solutions are included at the back of the book. In addition, links are provided to the exam objectives, practice exams, and other helpful resources, such as the updated Base SAS glossary and an expanded collection of practice data sets.

Building a SAN-less Private Cloud with IBM PowerVM and

IBM PowerVC Scott Vetter 2018-07-24 This IBM® Redpaper™ publication describes a software-defined infrastructure (SDI) solution with IBM PowerVC. In IBM PowerVC SDI, you combine scale-out IBM Power Systems™ servers with software that creates the whole stack that is needed to provide virtual machines (VMs) for applications such as open source databases or Hadoop. The SDI solution uses base IBM Power Systems technologies such as IBM PowerVM® NovaLink and the open source hypervisor kernel-based virtual machine (KVM). The solution combines with sophisticated storage technologies, such as IBM Spectrum™ Scale, and with the powerful networking capabilities that are provided by the Open vSwitch (OVS) technology. IBM PowerVC "hides" much of this software so that it is not apparent to your daily cloud operations. By using IBM PowerVC, you can manage scale-out SDI-based systems along with traditional PowerVM systems. This publication describes how to install and configure the SDI solution using PowerVM and IBM PowerVC running on the Power Systems platform. This publication also presents the essentials to help existing Power Systems technical specialists use existing "under the covers"

disk space to build a cost-effective cloud solution.

Data Analysis with Open Source Tools Philipp K. Janert 2010-11-11 Collecting data is relatively easy, but turning raw information into something useful requires that you know how to extract precisely what you need. With this insightful book, intermediate to experienced programmers interested in data analysis will learn techniques for working with data in a business environment. You'll learn how to look at data to discover what it contains, how to capture those ideas in conceptual models, and then feed your understanding back into the organization through business plans, metrics dashboards, and other applications. Along the way, you'll experiment with concepts through hands-on workshops at the end of each chapter. Above all, you'll learn how to think about the results you want to achieve -- rather than rely on tools to think for you. Use graphics to describe data with one, two, or dozens of variables Develop conceptual models using back-of-the-envelope calculations, as well as scaling and probability arguments Mine data with computationally intensive methods such as simulation and clustering Make your conclusions understandable through reports, dashboards, and other metrics programs Understand financial calculations, including the time-value of money Use dimensionality reduction techniques or predictive analytics to conquer challenging data analysis situations Become familiar with different open source programming environments for data analysis "Finally, a concise reference for understanding how to conquer piles of data."--Austin King, Senior Web Developer, Mozilla "An indispensable text for aspiring data scientists."--Michael E. Driscoll, CEO/Founder, Dataspora

Storage Virtualization Tom Clark 2005 Storage

virtualization has come of age, offering IT professionals powerful new ways to simplify infrastructure, streamline management, improve utilization, and reduce costs. Now, the author of the best-selling storage books *IP SANs* and *Designing Storage Area Networks* presents an up-to-the-minute, vendor-neutral overview of storage virtualization in all its forms.

High-Performance Computing in Finance M. A. H. Dempster 2018-02-21 High-Performance Computing (HPC) delivers higher computational performance to solve problems in science, engineering and finance. There are various HPC resources available for different needs, ranging from cloud computing-- that can be used without much expertise and expense -- to more tailored hardware, such as Field-Programmable Gate Arrays (FPGAs) or D-Wave's quantum computer systems. *High-Performance Computing in Finance* is the first book that provides a state-of-the-art introduction to HPC for finance, capturing both academically and practically relevant problems.

Who's Got Your Back Keith Ferrazzi 2009 Explains how to achieve personal and professional goals by building close, trusting relationships with others that help facilitate creative feedback, encouragement, and long-term success.

FreeBSD Handbook FreeBSD Documentation Project 2000 The *FreeBSD Handbook* is a comprehensive FreeBSD tutorial and reference. It covers installation, day-to-day use of FreeBSD, and much more, such as the Ports collection, creating a custom kernel, security topics, the X Window System, how to use FreeBSD's Linux binary compatibility, and how to upgrade your system from source using the 'make world' command, to name a few.

Sams Teach Yourself Samba in 24 Hours Gerald Carter 2001

Author and Samba Team Member Gerald Carter dedicates most of this book to the processes of installing and configuring Samba, distinguishing between both Linux/Windows, and Unix/Windows-based systems. He discusses the mechanics of file sharing across the dual platforms and expertly outlines the means necessary to remedy common problems, including helping to identify which version of Samba you are running and where to look for the patch or bug fix you will need to resolve it. He also assists in locating utilities like autoconf that automatically compiles a system configuration file with common default settings. Finally, he discusses security and password issues, as well as peripheral support for server printers.

Big Data MBA Bill Schmarzo 2015-12-11 Integrate big data into business to drive competitive advantage and sustainable success Big Data MBA brings insight and expertise to leveraging big data in business so you can harness the power of analytics and gain a true business advantage. Based on a practical framework with supporting methodology and hands-on exercises, this book helps identify where and how big data can help you transform your business. You'll learn how to exploit new sources of customer, product, and operational data, coupled with advanced analytics and data science, to optimize key processes, uncover monetization opportunities, and create new sources of competitive differentiation. The discussion includes guidelines for operationalizing analytics, optimal organizational structure, and using analytic insights throughout your organization's user experience to customers and front-end employees alike. You'll learn to "think like a data scientist" as you build upon the decisions your business is trying to make, the hypotheses you need to test, and

the predictions you need to produce. Business stakeholders no longer need to relinquish control of data and analytics to IT. In fact, they must champion the organization's data collection and analysis efforts. This book is a primer on the business approach to analytics, providing the practical understanding you need to convert data into opportunity. Understand where and how to leverage big data Integrate analytics into everyday operations Structure your organization to drive analytic insights Optimize processes, uncover opportunities, and stand out from the rest Help business stakeholders to "think like a data scientist" Understand appropriate business application of different analytic techniques If you want data to transform your business, you need to know how to put it to use. Big Data MBA shows you how to implement big data and analytics to make better decisions.

Liars and Outliers Bruce Schneier 2012-01-27 In today's hyper-connected society, understanding the mechanisms of trust is crucial. Issues of trust are critical to solving problems as diverse as corporate responsibility, global warming, and the political system. In this insightful and entertaining book, Schneier weaves together ideas from across the social and biological sciences to explain how society induces trust. He shows the unique role of trust in facilitating and stabilizing human society. He discusses why and how trust has evolved, why it works the way it does, and the ways the information society is changing everything.

The Devil's Dictionary Ambrose Bierce 2021-03-16T22:46:04Z "Dictionary, n: A malevolent literary device for cramping the growth of a language and making it hard and inelastic. This dictionary, however, is a most useful work." Bierce's groundbreaking

Devil's Dictionary had a complex publication history. Started in the mid-1800s as an irregular column in Californian newspapers under various titles, he gradually refined the new-at-the-time idea of an irreverent set of glossary-like definitions. The final name, as we see it titled in this work, did not appear until an 1881 column published in the periodical *The San Francisco Illustrated Wasp*. There were no publications of the complete glossary in the 1800s. Not until 1906 did a portion of Bierce's collection get published by Doubleday, under the name *The Cynic's Word Book*—the publisher not wanting to use the word “Devil” in the title, to the great disappointment of the author. The 1906 word book only went from A to L, however, and the remainder was never released under the compromised title. In 1911 the Devil's Dictionary as we know it was published in complete form as part of Bierce's collected works (volume 7 of 12), including the remainder of the definitions from M to Z. It has been republished a number of times, including more recent efforts where older definitions from his columns that never made it into the original book were included. Due to the complex nature of copyright, some of those found definitions have unclear public domain status and were not included. This edition of the book includes, however, a set of definitions attributed to his one-and-only “Demon's Dictionary” column, including Bierce's classic definition of A: “the first letter in every properly constructed alphabet.” Bierce enjoyed “quoting” his pseudonyms in his work. Most of the poetry, dramatic scenes and stories in this book attributed to others were self-authored and do not exist outside of this work. This includes the prolific Father Gassalasca Jape, whom he thanks in the preface—“jape” of course having

the definition: “a practical joke.” This book is a product of its time and must be approached as such. Many of the definitions hold up well today, but some might be considered less palatable by modern readers. Regardless, the book's humorous style is a valuable snapshot of American culture from past centuries. This book is part of the Standard Ebooks project, which produces free public domain ebooks.

The Predictive Retailer Andrew Pearson 2017-10-23 The Predictive Retailer is a retail company that utilizes the latest technological developments to deliver an exceptional personalized experience to each and every customer. Today, technology such as AI, Machine Learning, Augmented Reality, IoT, Real-time stream processing, social media, and wearables are altering the Customer Experience (CX) landscape and retailers need to jump aboard this fast moving technology or run the risk of being left out in the cold. The Predictive Retailer reveals how these and other technologies can help shape the customer journey. The book details how the five types of analytics—descriptive, diagnostic, predictive, prescriptive, and edge analytics—affect not only the customer journey, but also just about every operating function of the retailer. An IoT connected retailer can make its operations smart. Connected devices can help with inventory optimization, supply chain management, labor management, waste management, as well as keep the retailer's data centers green and its energy use smart. Social media is no longer a vanity platform, but rather it is a place to both connect with current customers as well as court new ones. It is also a powerful branding channel that can be utilized to both understand a retailer's position in the market, as well as a place to benchmark its position against its competitors. Today,

technology moves at break-neck speed and it can offer the potential of anticipatory capabilities, but it also comes with a confusing variety of technological terms-- Big Data, Cognitive Computing, CX, Data Lakes, Hadoop, Kafka, Personalization, Spark, etc., etc. The Predictive Retailer will help make sense of it all, so that a retail executive can cut through the confusing technological jargon and understand why a Spark-based real-time stream processing data stream might be preferable to a TIBCO Streambase one, or an IBM Streaming Analytics one. This book will help retail executives break through the technological clutter so that they can deliver an unrivaled customer experience to each and every patron that comes through their doors.

SAS 9. 3 Intelligence Platform SAS Institute 2011-07 Explains the security model for the SAS Intelligence Platform and provides instructions for performing security-related administrative tasks. The emphasis is on suite-wide aspects of the security functionality that SAS provides. This title is also available online.

Content Management Bible Bob Boiko 2005-11-28 Written by one of the leading experts in content managementsystems (CMS), this newly revised bestseller guides readers throughthe confusing-and often intimidating-task of building,implementing, running, and managing a CMS Updated to cover recent developments in online deliverysystems, as well as XML and related technologies Reflects valuable input from CMS users who attended theauthor's workshops, conferences, and courses An essential reference showing anyone involved in informationdelivery systems how to plan and implement a system that can handlelarge amounts of information and help achieve an organization'soverall goals

Making Data Smarter with IBM Spectrum Discover:

Practical AI Solutions Ivaylo B. Bozhinov 2020-10-19 More than 80% of all data that is collected by organizations is not in a standard relational database. Instead, it is trapped in unstructured documents, social media posts, machine logs, and so on. Many organizations face significant challenges to manage this deluge of unstructured data, such as the following examples:

- Pinpointing and activating relevant data for large-scale analytics
- Lacking the fine-grained visibility that is needed to map data to business priorities
- Removing redundant, obsolete, and trivial (ROT) data
- Identifying and classifying sensitive data

IBM® Spectrum Discover is a modern metadata management software that provides data insight for petabyte-scale file and Object Storage, storage on-premises, and in the cloud. This software enables organizations to make better business decisions and gain and maintain a competitive advantage. IBM Spectrum® Discover provides a rich metadata layer that enables storage administrators, data stewards, and data scientists to efficiently manage, classify, and gain insights from massive amounts of unstructured data. It improves storage economics, helps mitigate risk, and accelerates large-scale analytics to create competitive advantage and speed critical research. This IBM Redbooks® publication presents several use cases that are focused on artificial intelligence (AI) solutions with IBM Spectrum Discover. This book helps storage administrators and technical specialists plan and implement AI solutions by using IBM Spectrum Discover and several other IBM Storage products.

Hadoop Application Architectures Mark Grover 2015-06-30 Get expert guidance on architecting end-to-end data management solutions with Apache Hadoop. While many sources explain how to use various components in the

Hadoop ecosystem, this practical book takes you through architectural considerations necessary to tie those components together into a complete tailored application, based on your particular use case. To reinforce those lessons, the book's second section provides detailed examples of architectures used in some of the most commonly found Hadoop applications. Whether you're designing a new Hadoop application, or planning to integrate Hadoop into your existing data infrastructure, Hadoop Application Architectures will skillfully guide you through the process. This book covers: Factors to consider when using Hadoop to store and model data Best practices for moving data in and out of the system Data processing frameworks, including MapReduce, Spark, and Hive Common Hadoop processing patterns, such as removing duplicate records and using windowing analytics Giraph, GraphX, and other tools for large graph processing on Hadoop Using workflow orchestration and scheduling tools such as Apache Oozie Near-real-time stream processing with Apache Storm, Apache Spark Streaming, and Apache Flume Architecture examples for clickstream analysis, fraud detection, and data warehousing

Big Data Application Architecture Q&A Nitin Sawant 2014-01-24 Big Data Application Architecture Pattern Recipes provides an insight into heterogeneous infrastructures, databases, and visualization and analytics tools used for realizing the architectures of big data solutions. Its problem-solution approach helps in selecting the right architecture to solve the problem at hand. In the process of reading through these problems, you will learn harness the power of new big data opportunities which various enterprises use to attain real-time profits. Big Data Application

Architecture Pattern Recipes answers one of the most critical questions of this time 'how do you select the best end-to-end architecture to solve your big data problem?'. The book deals with various mission critical problems encountered by solution architects, consultants, and software architects while dealing with the myriad options available for implementing a typical solution, trying to extract insight from huge volumes of data in real-time and across multiple relational and non-relational data types for clients from industries like retail, telecommunication, banking, and insurance. The patterns in this book provide the strong architectural foundation required to launch your next big data application. The architectures for realizing these opportunities are based on relatively less expensive and heterogeneous infrastructures compared to the traditional monolithic and hugely expensive options that exist currently. This book describes and evaluates the benefits of heterogeneity which brings with it multiple options of solving the same problem, evaluation of trade-offs and validation of 'fitness-for-purpose' of the solution.

Systems Performance Brendan Gregg 2013 "Large-scale enterprise, cloud, and virtualized computing systems have introduced serious performance challenges. Now, internationally renowned performance expert Brendan Gregg has brought together proven methodologies, tools, and metrics for analyzing and tuning even the most complex environments. Systems Performance: Enterprise and the Cloud focuses on Linux® and Unix® performance, while illuminating performance issues that are relevant to all operating systems. You'll gain deep insight into how systems work and perform, and learn methodologies for analyzing and improving system and application

performance. Gregg presents examples from bare-metal systems and virtualized cloud tenants running Linux-based Ubuntu®, Fedora®, CentOS, and the illumos-based Joyent® SmartOSTM and OmniTI OmniOS®. He systematically covers modern systems performance, including the "traditional" analysis of CPUs, memory, disks, and networks, and new areas including cloud computing and dynamic tracing. This book also helps you identify and fix the "unknown unknowns" of complex performance: bottlenecks that emerge from elements and interactions you were not aware of. The text concludes with a detailed case study, showing how a real cloud customer issue was analyzed from start to finish."--Back cover.

Absolute OpenBSD, 2nd Edition Michael W. Lucas
2013-04-15 OpenBSD, the elegant, highly secure Unix-like operating system, is widely used as the basis for critical DNS servers, routers, firewalls, and more. This long-awaited second edition of Absolute OpenBSD maintains author Michael Lucas's trademark straightforward and practical approach that readers have enjoyed for years. You'll learn the intricacies of the platform, the technical details behind certain design decisions, and best practices, with bits of humor sprinkled throughout. This edition has been completely updated for OpenBSD 5.3, including new coverage of OpenBSD's boot system, security features like W^X and ProPolice, and advanced networking techniques. You'll learn how to: –Manage network traffic with VLANs, trunks, IPv6, and the PF packet filter –Make software management quick and effective using the ports and packages system –Give users only the access they need with groups, sudo, and chroots –Configure OpenBSD's secure implementations of SNMP, DHCP, NTP, hardware sensors, and more –Customize the installation and

upgrade processes for your network and hardware, or build a custom OpenBSD release Whether you're a new user looking for a complete introduction to OpenBSD or an experienced sysadmin looking for a refresher, Absolute OpenBSD, 2nd Edition will give you everything you need to master the intricacies of the world's most secure operating system.

Data Protection Preston de Guise 2017-03-03 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 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.

MySQL Administrator's Guide MySQL AB 2004-07-26 If you are not already one of the 4 million plus users of the MySQL database, you will want to become one after reading this book. MySQL Administrator's Guide is the official guide to installing, administering and working with MySQL 5.0 and MySQL databases. Starting with the basics, you will learn to store, manage and retrieve data in a MySQL database and to eventually manipulate the code behind MySQL 5.0 to customize your database. With the clear examples and tips provided in this comprehensive learning guide, you can become a MySQL expert in no time.

Accountaneur Hitendra Patil 2016-06-07 ***** SAVE WHEN YOU BUY DIRECT FROM THE PUBLISHER AT <https://store.cpatrendlines.com/shop/accountaneur/> ***** Advance Praise for Accountaneur(r) "Accountants need to be more than just accountants and Hitendra creates a way for accountants to look at themselves. He calls it the Accountaneur(r). This book contains a great deal of new thought about what accountants should be doing. It is a required read for all professionals, partners, and non-partners. Leaders at accounting firms have a huge responsibility to create a business environment conducive to growth and achievement, not just at their firms, but especially for their clients. Hitendra brings a perspective that helps accounting firm leaders find answers to key questions that will lead to

entrepreneurial achievement."- August J. Aquila, CEO, AQUILA Global Advisors LLC, consultant to professional service firms, author, and speaker. "What impressed me the first time I met Hitendra is his drive to help others reach their potential. This book does just that. You will learn and appreciate what an important role the accountant plays in our business and personal lives. Hitendra makes the profession come alive. If you are in the accounting profession, or thinking about it, you must read this book!"- Chester Elton, New York Times best-selling author of "The Carrot Principle," "All In," and "What Motivates Me" "Entrepreneurs create wealth and opportunities for others. Entrepreneurial accountants make it possible for entrepreneurs. Accountaneur(r) is a probing question bank for accountants who want to be entrepreneurial."- Allan D. Koltin, CPA, CEO, Koltin Consulting Group Inc. Are you an Accountaneur(r)? Think different. Taking a cue from several research studies across different professions and industries that identify traits, strengths, talents, skills, values, and beliefs, we identify the most common attitudes and beliefs of successful accountants who can be deservedly called as entrepreneurs in the true sense of the word. An Accountaneur is an entrepreneur whom, with considerable initiative and risk, organizes and manages a business that provides tax, accounting, and advisory services to solve problems for people, for profit, or, for pay, by employing productive labor and technologies. So, the difference between an Accountaneur(r) and an accountant lies in his or her traits, strengths, talents, skills, values and beliefs. There are three types of people in the professional world. Those who work for others, i.e. in a job. Those who work for themselves, i.e. who create a job for themselves. And

those who create jobs for others. An Accountaneur(r) either works for him or herself or is the one who creates jobs for others in the tax and accounting profession. Are you an Accountaneur(r)? If you work for yourself or if you have created jobs for others in the tax and accounting profession, you are an entrepreneur, rather an Accountaneur. You are an Accountaneur if you chose not take up a job, but chose instead to create a business. More at <http://cpatrendlines.com/author/patil>

Using Samba Gerald Carter 2007-01-23 This book is the comprehensive guide to Samba administration, officially adopted by the Samba Team. Wondering how to integrate Samba's authentication with that of a Windows domain? How to get Samba to serve Microsoft Dfs shares? How to share files on Mac OS X? These and a dozen other issues of interest to system administrators are covered. A whole chapter is dedicated to troubleshooting! The range of this book knows few bounds. Using Samba takes you from basic installation and configuration -- on both the client and server side, for a wide range of systems -- to subtle details of security, cross-platform compatibility, and resource discovery that make the difference between whether users see the folder they expect or a cryptic error message. The current edition covers such advanced 3.x features as: Integration with Active Directory and OpenLDAP Migrating from Windows NT 4.0 domains to Samba Delegating administrative tasks to non-root users Central printer management Advanced file serving features, such as making use of Virtual File System (VFS) plugins. Samba is a cross-platform triumph: robust, flexible and fast, it turns a Unix or Linux system into a file and print server for Microsoft Windows network clients. This book will help you make your file and print sharing as powerful and efficient as

possible. The authors delve into the internals of the Windows activities and protocols to an unprecedented degree, explaining the strengths and weaknesses of each feature in Windows domains and in Samba itself. Whether you're playing on your personal computer or an enterprise network, on one note or a full three-octave range, Using Samba will give you an efficient and secure server.

Implementing VxRail HCI Solutions Victor Wu 2021-06-04 Plan, design, deploy, and administer the solutions available in VxRail Appliance Key Features Learn how to plan and design the VxRail HCI system Understand VxRail's administration, lifecycle management, and cluster scale-out Explore migration methodologies for VxRail systems Book Description Hyper-converged infrastructure (HCI) can help you simplify the provisioning and daily operations of computing and storage. With this book, you'll understand how HCI can offload the day 0 deployment and day-to-day operations of a system administrator. You'll explore the VxRail Appliance, which is an HCI solution that provides lifecycle management, automation, and operational simplicity. Starting with an overview of the VxRail Appliance system architecture and components, you'll understand the benefits of the VxRail system and compare it with the environment of traditional servers and storage. As you advance, the book covers topics such as disaster recovery and active-active and active-passive solutions for VxRail. By the end of this book, you'll have gained the confidence to manage the deployment, administration, planning, and design of a VxRail system. What you will learn Set up the hardware and software requirements for a VxRail installation Monitor the status of VxRail appliances with the VxRail Manager plugin Get to grips

with all the administration interfaces used to manage the VxRail appliance Understand vCenter roles and permissions management in the VxRail cluster Discover best practices for vSAN configuration in the VxRail cluster Find out about VxRail cluster scale-out rules and how to expand the VxRail cluster Deploy active-passive solutions for VxRail with VMware Site Recovery Manager (SRM) Who this book is for If you are a system architect, system administrator, or consultant involved in planning and deploying VxRail HCI or want to learn how to use VxRail HCI, then this book is for you. Equivalent knowledge and administration experience with ESXi and vCenter Server will be helpful.

Adobe Illustrator Jason Hoppe 2020-02-07

Adobe Illustrator: A Complete Course and Compendium of Features is your guide to building vector graphics, whether you're creating logos, icons, drawings, typography, or other illustrations—and regardless of their destination: print, web, video, or mobile. First, with a complete Course that includes a set of projects and lessons derived from Adobe Certified Instructor Jason Hoppe, you will learn the procedures needed to use Illustrator effectively and professionally. Dozens of lessons are included that can be applied to any graphics you have in mind. Through these step-by-step lessons, you'll be exposed to all of Illustrator's features in practical contexts and its best practices for optimal workflows.

To complete the Course, we'll supply lesson documents and their assets to download. These can even serve as starting points for your own projects.

Then, for greater depth of knowledge and subsequent

reference, you'll use the Compendium to uncover more of the "how" and "why" of Illustrator. With each topic easy to access, you can find and explore all of Illustrator's key features and concepts in depth. With cross references between the Course and Compendium, the two parts of the book complement each other perfectly. Best of all, when the lessons in the Course are done, the Compendium will continue to serve for months and years to come.

Learn step by step how to:

- Draw basic shapes and lines
- Build graphics using Illustrator's deep and diverse toolset
- Create complex icons using the Pathfinder and Shape Builder
- Use color with predictable and harmonic results
- Work effectively with type
- And much more!

Curating Research Data Lisa R. Johnston 2016-11-01 Data are becoming the proverbial coin of the digital realm: a research commodity that might purchase reputation credit in a disciplinary culture of data sharing, or buy transparency when faced with funding agency mandates or publisher scrutiny. Unlike most monetary systems, however, digital data can flow in all too great an abundance. Not only does this currency actually grow on trees, but it comes from animals, books, thoughts, and each of us! And that is what makes data curation so essential. The abundance of digital research data

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challenges library and information science professionals to harness this flow of information streaming from research discovery and scholarly pursuit and preserve the unique evidence for future use. Volume One of *Curating Research Data* explores the variety of reasons, motivations, and drivers for why data curation services are needed in the context of academic and disciplinary data repository efforts. Twelve chapters, divided into three parts, take an in-depth look at the complex practice of data curation as it emerges around us. Part I sets the stage for data curation by describing current policies, data sharing cultures, and collaborative efforts currently underway that impact potential services. Part II brings several key issues, such as cost recovery and marketing strategy, into focus for practitioners when considering how to put data curation services in action. Finally, Part III describes the full lifecycle of data by examining the ethical and practical reuse issues that data curation practitioners must consider as we strive to prepare data for the future. Digital data is ubiquitous and rapidly reshaping how scholarship progresses now and into the future. The information expertise of librarians can help ensure the resiliency of digital data, and the information it represents, by addressing how the meaning, integrity, and provenance of digital data generated by researchers today will be captured and conveyed to future researchers.

Absolute FreeBSD, 2nd Edition Michael W. Lucas
2013-04-12 FreeBSD—the powerful, flexible, and free Unix-like operating system—is the preferred server for many enterprises. But it can be even trickier to use than either Unix or Linux, and harder still to master. *Absolute FreeBSD, 2nd Edition* is your complete guide to

FreeBSD, written by FreeBSD committer Michael W. Lucas. Lucas considers this completely revised and rewritten second edition of his landmark work to be his best work ever; a true product of his love for FreeBSD and the support of the FreeBSD community. *Absolute FreeBSD, 2nd Edition* covers installation, networking, security, network services, system performance, kernel tweaking, filesystems, SMP, upgrading, crash debugging, and much more, including coverage of how to:—Use advanced security features like packet filtering, virtual machines, and host-based intrusion detection —Build custom live FreeBSD CDs and bootable flash —Manage network services and filesystems —Use DNS and set up email, IMAP, web, and FTP services for both servers and clients —Monitor your system with performance-testing and troubleshooting tools —Run diskless systems —Manage schedulers, remap shared libraries, and optimize your system for your hardware and your workload —Build custom network appliances with embedded FreeBSD —Implement redundant disks, even without special hardware —Integrate FreeBSD-specific SNMP into your network management system. Whether you're just getting started with FreeBSD or you've been using it for years, you'll find this book to be the definitive guide to FreeBSD that you've been waiting for.

SAS 9.4 Intelligence Platform: Overview, Second Edition Sas Institute 2016-02-12 Provides a point of entry for understanding the basics of the SAS Intelligence Platform. It discusses the benefits of the SAS Intelligence Platform to businesses, describes the architecture, and provides an overview of each software component. This document can be used alone or as an introduction to the deployment and administration guides.

Introducing and Implementing IBM FlashSystem

IBM Redbooks 2015 IBM FlashSystem V9000 is a comprehensive all-flash enterprise storage solution that delivers the full capabilities of IBM FlashCore technology plus a rich set of software-defined storage features. It is available as one solution in a compact 6U form factor to achieve a simpler, more scalable, and cost efficient IT Infrastructure. FlashSystem V9000 improves business application availability and delivers greater resource utilization so you can get the most from your storage resources. Cases and ISV scenarios that demonstrate real-world solutions, as well as examples of the benefits gained by integrating the FlashSystem storage into business environments are discussed. --

Information Storage and Management EMC Education Services 2012-04-30 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.

Data Analytics for Intelligent Transportation Systems

Mashrur Chowdhury 2017-04-05 Data Analytics for Intelligent Transportation Systems provides in-depth coverage of data-enabled methods for analyzing intelligent transportation systems that includes detailed coverage of the tools needed to implement these methods using big data analytics and other computing techniques. The book examines the major characteristics of connected transportation systems, along with the fundamental concepts of how to analyze the data they produce. It explores collecting, archiving, processing, and distributing the data, designing data infrastructures, data management and delivery systems, and the required hardware and software technologies. Users will learn how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications, along with key safety and environmental applications for both commercial and passenger vehicles, data privacy and security issues, and the role of social media data in traffic planning. Includes case studies in each chapter that illustrate the application of concepts covered Presents extensive coverage of existing and forthcoming intelligent transportation systems and data analytics technologies Contains contributors from both leading academic and commercial researchers Explains how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data

analytics for different connected transportation applications

Getting Started with Impala John Russell 2014-09-25
Learn how to write, tune, and port SQL queries and other statements for a Big Data environment, using Impala—the massively parallel processing SQL query engine for Apache Hadoop. The best practices in this practical guide help you design database schemas that not only interoperate with other Hadoop components, and are convenient for administrators to manage and monitor, but also accommodate future expansion in data size and evolution of software capabilities. Written by John Russell, documentation lead for the Cloudera Impala project, this book gets you working with the most recent Impala releases quickly. Ideal for database developers and business analysts, the latest revision covers analytics functions, complex types, incremental statistics, subqueries, and submission to the Apache incubator. Getting Started with Impala includes advice from Cloudera’s development team, as well as insights from its consulting engagements with customers. Learn how Impala integrates with a wide range of Hadoop components Attain high performance and scalability for huge data sets on production clusters Explore common developer tasks, such as porting code to Impala and optimizing performance Use tutorials for working with billion-row tables, date- and time-based values, and other techniques Learn how to transition from rigid schemas to a flexible model that evolves as needs change Take a deep dive into joins and the roles of statistics

Architecting Modern Data Platforms Jan Kunigk 2018-12-05
There’s a lot of information about big data technologies, but splicing these technologies into an end-to-end enterprise data platform is a daunting task

not widely covered. With this practical book, you’ll learn how to build big data infrastructure both on-premises and in the cloud and successfully architect a modern data platform. Ideal for enterprise architects, IT managers, application architects, and data engineers, this book shows you how to overcome the many challenges that emerge during Hadoop projects. You’ll explore the vast landscape of tools available in the Hadoop and big data realm in a thorough technical primer before diving into: Infrastructure: Look at all component layers in a modern data platform, from the server to the data center, to establish a solid foundation for data in your enterprise Platform: Understand aspects of deployment, operation, security, high availability, and disaster recovery, along with everything you need to know to integrate your platform with the rest of your enterprise IT Taking Hadoop to the cloud: Learn the important architectural aspects of running a big data platform in the cloud while maintaining enterprise security and high availability

Data Curation Cynthia Hudson-Vitale 2017 Explores the infrastructure that ARL member institutions are using for data curation, which data curation services are offered, who may use them, which disciplines demand services most, library staffing levels, policies and workflows, and the challenges of supporting these activities. Includes examples of data repository web pages, descriptions of services, infrastructure, workflows, metadata schemas, and policies, and job descriptions.

IBM Spectrum Discover: Metadata Management for Deep Insight of Unstructured Storage Joseph Dain 2019-10-01
This IBM® Redpaper publication provides a comprehensive overview of the IBM Spectrum® Discover metadata

management software platform. We give a detailed explanation of how the product creates, collects, and analyzes metadata. Several in-depth use cases are used that show examples of analytics, governance, and optimization. We also provide step-by-step information to install and set up the IBM Spectrum Discover trial environment. More than 80% of all data that is collected by organizations is not in a standard relational database. Instead, it is trapped in unstructured documents, social media posts, machine logs, and so on. Many organizations face significant challenges to manage this deluge of unstructured data such as: Pinpointing and activating relevant data for large-scale analytics Lacking the fine-grained visibility that is needed to map data to business priorities Removing redundant, obsolete, and trivial (ROT) data Identifying and classifying sensitive data IBM Spectrum Discover is a modern metadata management software that provides data insight for petabyte-scale file and Object Storage, storage on premises, and in the cloud. This software enables organizations to make better business decisions and gain and maintain a competitive advantage. IBM Spectrum Discover provides a rich metadata layer that enables storage administrators, data stewards, and data scientists to efficiently manage, classify, and gain insights from massive amounts of unstructured data. It improves storage economics, helps mitigate risk, and accelerates large-scale analytics to create competitive advantage and speed critical research.

FreeBSD Handbook Murray Stokely 2001

Microsoft Azure Security Center Yuri Diogenes 2018-06-04 Discover high-value Azure security insights, tips, and operational optimizations This book presents comprehensive Azure Security Center techniques for

safeguarding cloud and hybrid environments. Leading Microsoft security and cloud experts Yuri Diogenes and Dr. Thomas Shinder show how to apply Azure Security Center's full spectrum of features and capabilities to address protection, detection, and response in key operational scenarios. You'll learn how to secure any Azure workload, and optimize virtually all facets of modern security, from policies and identity to incident response and risk management. Whatever your role in Azure security, you'll learn how to save hours, days, or even weeks by solving problems in most efficient, reliable ways possible. Two of Microsoft's leading cloud security experts show how to:

- Assess the impact of cloud and hybrid environments on security, compliance, operations, data protection, and risk management
- Master a new security paradigm for a world without traditional perimeters
- Gain visibility and control to secure compute, network, storage, and application workloads
- Incorporate Azure Security Center into your security operations center
- Integrate Azure Security Center with Azure AD Identity Protection Center and third-party solutions
- Adapt Azure Security Center's built-in policies and definitions for your organization
- Perform security assessments and implement Azure Security Center recommendations
- Use incident response features to detect, investigate, and address threats
- Create high-fidelity fusion alerts to focus attention on your most urgent security issues
- Implement application whitelisting and just-in-time VM access
- Monitor user behavior and access, and investigate compromised or misused credentials
- Customize and perform operating system security baseline assessments
- Leverage integrated threat intelligence to identify known bad actors

Dr. Tom Shinder's Configuring ISA Server 2004 Debra Littlejohn Shinder 2004-12-31 Dr. Tom and Debra Shinder have become synonymous with Microsoft's flagship firewall product ISA Server, as a result of Tom's prominent role as a member of the beta development team, and Tom and Deb's featured placement on both Microsoft's ISA Server Web site and ISAserver.org. Tom and Deb's book on the first release of the product "Configuring ISA Server 2000" dominated the ISA Server 2000 book market having sold over 40,000 copies worldwide, and the ISA Server community is eagerly awaiting Tom and Deb's book on ISA Server 2004, which is the dramatically upgraded new release from Microsoft. Dr. Tom and Debra Shinder have become synonymous with Microsoft's flagship firewall product ISA Server, as a result of Tom's prominent role as a member of the beta development team, and Tom and Deb's featured placement on both Microsoft's ISA Server Web site and ISAserver.org. Tom and Deb's book on the first release of the product "Configuring ISA Server 2000" dominated the ISA Server 2000 book market having sold over 40,000 copies worldwide, and the ISA Server community is eagerly awaiting Tom and Deb's book on ISA Server 2004, which is the dramatically upgraded new release from Microsoft. This book will be featured prominently on the ISAserver.org home page as well as referenced on Microsoft TechNet and ISA Server Web pages. Tom and Deb's unparalleled technical expertise combined with prime on-line marketing opportunities will make this the #1 book again in the ISA Server market. * This book will provide readers with unparalleled information on installing, configuring, and troubleshooting ISA Server 2004 by teaching readers to: * Deploy ISA Server 2004 in small businesses and large organizations. * Learn how to configure complex

DMZ configurations using ISA Server 2004's new network awareness features and built-in multinetworking capabilities. * Learn how to take advantage of ISA Server 2004's new VPN capabilities!

IBM PowerVC Version 2.0 Introduction and Configuration Scott Vetter 2021-05-26 IBM® Power Virtualization Center (IBM® PowerVCTM) is an advanced enterprise virtualization management offering for IBM Power Systems. This IBM Redbooks® publication introduces IBM PowerVC and helps you understand its functions, planning, installation, and setup. It also shows how IBM PowerVC can integrate with systems management tools such as Ansible or Terraform and that it also integrates well into a OpenShift container environment. IBM PowerVC Version 2.0.0 supports both large and small deployments, either by managing IBM PowerVM® that is controlled by the Hardware Management Console (HMC), or by IBM PowerVM NovaLink. With this capability, IBM PowerVC can manage IBM AIX®, IBM i, and Linux workloads that run on IBM POWER® hardware. IBM PowerVC is available as a Standard Edition, or as a Private Cloud Edition. IBM PowerVC includes the following features and benefits: Virtual image capture, import, export, deployment, and management Policy-based virtual machine (VM) placement to improve server usage Snapshots and cloning of VMs or volumes for backup or testing purposes Support of advanced storage capabilities such as IBM SVC vdisk mirroring of IBM Global Mirror Management of real-time optimization and VM resilience to increase productivity VM Mobility with placement policies to reduce the burden on IT staff in a simple-to-install and easy-to-use graphical user interface (GUI) Automated Simplified Remote Restart for improved availability of VMs ifor when a host is down Role-based security policies to

ensure a secure environment for common tasks The ability to enable an administrator to enable Dynamic Resource Optimization on a schedule IBM PowerVC Private Cloud Edition includes all of the IBM PowerVC Standard Edition features and enhancements: A self-service portal that allows the provisioning of new VMs without direct system administrator intervention. There is an option for policy approvals for the requests that are received from the self-service portal. Pre-built deploy templates that are set up by the cloud administrator that simplify the

deployment of VMs by the cloud user. Cloud management policies that simplify management of cloud deployments. Metering data that can be used for chargeback. This publication is for experienced users of IBM PowerVM and other virtualization solutions who want to understand and implement the next generation of enterprise virtualization management for Power Systems. Unless stated otherwise, the content of this publication refers to IBM PowerVC Version 2.0.0.