

Online Storage Solutions

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Cloud Computing and Services Science IGI Global

Use a Hybrid Cloud solution - combining cloud storage with on-premise storage - and help dramatically decrease costs while increasing scalability and agility. This book offers focused, concise insights on technical considerations, benefits, and tradeoffs, so you can begin planning for implementation. Explains, in both practical and strategic terms, how a new enterprise storage model can solve multiple challenges Delivers focused insights on architecture, access, backups, snapshots, data redundancy as a service, dedupes, capacity, data lifecycles, storage tiering, archiving, externalized blobs, storage consolidation, compression, bandwidth, and privacy and security planning The author is an expert for cloud storage technologies and is well known in the networking technologies community
Microsoft Windows Operating System Essentials IBM Redbooks

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.
Principles, Methodologies, and Service-Oriented Approaches for Cloud Computing IBM Redbooks

This IBM® Redpaper™ publication provides information to help you with the sizing, configuration, and monitoring of hybrid cloud solutions using the Cloud data sharing feature of IBM Spectrum Scale™. IBM Spectrum Scale, formerly IBM General Parallel File System (IBM GPFS™), is a scalable data and file management solution that provides a global namespace for large data sets along with several enterprise features. Cloud data sharing allows for the sharing and use of data between various cloud object storage types and IBM Spectrum Scale. Cloud data sharing can help with the movement of data in both directions, between file systems and cloud object storage, so that data is where it needs to be, when it needs to be there. This paper is intended for IT architects, IT administrators, storage administrators, and those who want to learn more about sizing, configuration, and monitoring of hybrid cloud solutions using IBM Spectrum Scale and Cloud data sharing.

IBM Private, Public, and Hybrid Cloud Storage Solutions Elsevier
Unveiling the Future: Your Portal to Artificial Intelligence Proficiency In the epoch of digital metamorphosis, Artificial Intelligence (AI) stands as the vanguard of a new dawn, a nexus where human ingenuity intertwines with machine precision. As we delve deeper into this uncharted realm, the boundary between the conceivable and the fantastical continually blurs, heralding a new era of endless possibilities. The Dictionary of Artificial Intelligence, embracing a compendium of 3,300 meticulously curated titles, endeavors to be the torchbearer in this journey of discovery, offering a wellspring of knowledge to both the uninitiated and the adept. Embarking on the pages of this dictionary is akin to embarking on a voyage through the vast and often turbulent seas of AI. Each entry serves as a beacon, illuminating complex terminologies, core principles, and the avant-garde advancements that characterize this dynamic

domain. The dictionary is more than a mere compilation of terms; it's a labyrinth of understanding waiting to be traversed. The Dictionary of Artificial Intelligence is an endeavor to demystify the arcane, to foster a shared lexicon that enhances collaboration, innovation, and comprehension across the AI community. It's a mission to bridge the chasm between ignorance and insight, to unravel the intricacies of AI that often seem enigmatic to the outsiders. This profound reference material transcends being a passive repository of terms; it's an engagement with the multifaceted domain of artificial intelligence. Each title encapsulated within these pages is a testament to the audacity of human curiosity and the unyielding quest for advancement that propels the AI domain forward. The Dictionary of Artificial Intelligence is an invitation to delve deeper, to grapple with the lexicon of a field that stands at the cusp of redefining the very fabric of society. It's a conduit through which the curious become enlightened, the proficient become masters, and the innovators find inspiration. As you traverse through the entries of The Dictionary of Artificial Intelligence, you are embarking on a journey of discovery. A journey that not only augments your understanding but also ignites the spark of curiosity and the drive for innovation that are quintessential in navigating the realms of AI. We beckon you to commence this educational expedition, to explore the breadth and depth of AI lexicon, and to emerge with a boundless understanding and an unyielding resolve to contribute to the ever-evolving narrative of artificial intelligence. Through The Dictionary of Artificial Intelligence, may your quest for knowledge be as boundless and exhilarating as the domain it

explores.

Superfast Computer Course Springer Nature Building on over 20 years of virtual tape experience, the TS7760 now supports the ability to store virtual tape volumes in an object store. This IBM Redpaper publication helps you set up and configure the new cloud object storage support for IBM Cloud Object Storage (COS) or Amazon Web Services (AWS). The TS7700 supported off loading to physical tape for over two decades. Off loading to physical tape behind a TS7700 is used by hundreds of organizations around the world. By using the same hierarchical storage techniques, the TS7700 can also off load to object storage. Because object storage is cloud-based and accessible from different regions, the TS7760 Cloud Storage Tier support essentially allows the cloud to be an extension of the grid. In this IBM Redpaper publication, we provide a brief overview of cloud technology with an emphasis on Object Storage. Object Storage is used by a broad set of technologies, including those technologies that are exclusive to IBM Z®. The aim of this publication is to provide a basic understanding of cloud, Object Storage, and different ways it can be integrated into your environment. This Redpaper is intended for system architects and storage administrators with TS7700 experience who want to add the support of a Cloud Storage Tier to their TS7700 solution.

Technology Leadership in Teacher Education: Integrated Solutions and Experiences IBM Redbooks

Cloud storage is a model of networked online storage where data is stored on multiple virtual servers, generally hosted by third parties, rather than being hosted on dedicated servers. Hosting companies operate large data centers; and people who require their data to be hosted buy or lease storage capacity from them and use it for their storage needs. The data center operators, in the background, virtualize the resources according to the requirements of the customer and expose them as storage pools, which the customers can themselves use to store files or data objects. Physically, the resource may span across multiple servers. Cloud storage services may be accessed through a web service application programming interface (API), or through a Web-based user interface. This book is your ultimate resource for Cloud Storage. Here you will find the most up-to-date information, analysis, background and everything you need to know. In easy to read chapters, with extensive references and links to get you to know all there is to know about Cloud Storage right away, covering: Cloud storage, Cloud storage gateway, Cloud computing, Acrobat.com, ADrive, Amazon Relational Database Service, Amazon S3, Amazon SimpleDB, Backblaze, Carbonite (online backup), Cirtas, CloudMe, Comodo Backup, Comparison of streaming media systems, Comparison of video hosting services, Content delivery network, Cooperative storage cloud, CTERA Networks, Cyberduck, Data center, Drop.io, ASUS WebStorage, Egnyte, ElephantDrive, EMC Atmos, Evernote, Filesanywhere, Gladinet, Gluster, Google Storage, Grid casting, Hibari

(database), HTTP(P2P), Humyo, I-drive, ICloud, Iland, Jungle Disk, KeepVault, LIBOX, The Linkup, Comparison of online backup services, Livedrive, Memeo, Memopal, MiMedia, MobileMe, MObStor, Moozone, Mozy, Nirvanix, Ovi (Nokia), Ovi Maps, Oystor, P2PTV, Pdfvue, Rackspace Cloud, SlideRocket, SpiderOak, StorSimple, Streaming media, Sun Cloud, SwissDisk, Syncdocs, Syncplicity, TwinStrata, Ubuntu One, Video spokesperson, VisualBee, Windows Live Devices, Windows Live Mesh, Windows Live SkyDrive, Yahoo! Briefcase, Zmanda Cloud Backup, ZumoDrive This book explains in-depth the real drivers and workings of Cloud Storage. It reduces the risk of your technology, time and resources investment decisions by enabling you to compare your understanding of Cloud Storage with the objectivity of experienced professionals.

Cloud Security and Privacy IBM Redbooks For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Rethinking Enterprise Storage CRC Press This IBM® Redbooks® publication provides information to help you with the sizing, configuration, and monitoring of hybrid cloud solutions using the transparent cloud tiering (TCT) functionality of IBM Spectrum™ Scale. IBM Spectrum Scale™ is a scalable data, file, and object management solution that provides a global namespace for large data sets and several enterprise features. The IBM Spectrum Scale feature called transparent cloud tiering allows cloud object storage providers, such as IBM Cloud™ Object Storage, IBM Cloud, and Amazon S3, to be used as a storage tier for IBM Spectrum Scale. Transparent cloud tiering can help cut storage capital and operating costs by moving data that does not require local performance to an on-premise or off-premise cloud object storage provider. Transparent cloud tiering reduces the complexity of cloud object storage by making data transfers transparent to the user or application. This capability can help you adapt to a hybrid cloud deployment model where active data remains directly accessible to your applications and inactive data is placed in the correct cloud (private or public) automatically through IBM Spectrum Scale policies. This publication is intended for IT architects, IT administrators, storage administrators, and those wanting to learn more about sizing, configuration, and monitoring of hybrid cloud solutions using IBM Spectrum Scale and transparent cloud tiering.

Audio Production Worktext IGI Global IBM Storage Solutions for IBM Cloud™ 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 5.0.

Cloud Object Storage as a Service: IBM Cloud Object Storage from Theory to Practice - For developers, IT architects and IT specialists John Wiley & Sons

"This book presents international authors, who are teacher educators, and their best practices in their environments, discussing topics such as the online learning environment, multimedia learning tools, inter-institutional collaboration, assessment and accreditation, and the effective use of Web 2.0 in classrooms"--Provided by publisher.

IBM TS7760 R4.2 Cloud Storage Tier Guide John Wiley & Sons

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.

The Ultimate Backup Guide Pearson Education

An information infrastructure is comprised of software, servers, storage, and networks, integrated and optimized to deliver timely, secure, and trusted information throughout the organization and to its clients and partners. With the explosive growth in data and information—coupled with demands for projects with rapid ROI—IT

infrastructures and storage administrators are reaching a breaking point. IBM® can help with the changes needed to manage information availability, security, and regulatory and compliance requirements on a tighter budget. And because the health of any business often depends on its ability to take advantage of information in real time, a sound, intelligent information infrastructure becomes critical to supporting new growth initiatives. IBM offers an innovative approach to help you manage information growth more effectively and mitigate risks with a dynamic infrastructure that efficiently and securely stores and protects information, and optimizes information access. You can control, protect, manage, and gain new intelligence from your information with the IBM leading-edge Information Infrastructure products, services and integrated solutions, supported by world-class expertise and access to top experts from around the world. This IBM Redbooks® publication provides an overview of the IBM Information Infrastructure solutions that are designed to help you manage the information explosion and address challenges of information compliance, availability, retention, and security. This will lead your company toward improved productivity, service delivery, and reduced risk, while streamlining costs.

IBM System Storage N series with VMware vSphere 4.1 IGI Global

A full-color guide to key Windows 7 administration concepts and topics. Windows 7 is the leading desktop software, yet it can be a difficult concept to grasp, especially for those new to the field of IT. Microsoft Windows Operating System Essentials is an ideal resource for anyone new to computer administration and looking for a career in computers. Delving into areas such as fundamental Windows 7 administration concepts and various desktop OS topics, this full-color book addresses the skills necessary for individuals 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 7 administration concepts and skills necessary so you can gain a strong understanding of the chapter topic areas. The chapters conclude with review questions and suggested labs, so you can gauge your understanding of the chapter's contents. Offers in-depth coverage of operating system configurations. 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 proves itself to be an invaluable resource on Windows 7 and features additional learning tutorials and tools.

Contingency Planning and Disaster Recovery Tebbo

Object storage is the primary storage solution that is used in the cloud and on-premises solutions as a central storage platform for unstructured data. IBM® Cloud Object Storage (COS) is a software-defined storage platform that breaks down barriers for storing massive amounts of data by optimizing the placement of data on commodity x86 servers across the enterprise. This IBM Redbooks® publication describes the major features, use case scenarios, deployment options, configuration details, initial customization, performance, and scalability considerations of IBM Cloud® Object Storage on-premises offering. For more information about the IBM Cloud Object Storage architecture and technology that is behind the product, see IBM Cloud Object Storage Concepts and Architecture: System Edition, REDP-5537-02. The target audience for this publication is IBM Cloud Object Storage IT specialists and storage administrators.

Implementing IBM Spectrum Virtualize for Public Cloud Version 8.3.1 IGI Global. This IBM® Redbooks® publication provides a basic introduction to the IBM System Storage® N series, virtualization, and VMware. It explains how to use the N series with VMware vSphere 4 environments and the benefits of doing so. Examples are given on how to install and set up VMware ESXi server with the N series. This edition includes information about the Virtual Storage Console (VSC), which is another N series software product that works with VMware. VSC provides local backup and recovery capability. You have the option to replicate backups to a remote storage system by using SnapMirror relationships. Backups can be performed on individual virtual machines or on data stores with the option of updating the SnapMirror relationship as part of the backup on a per job basis. Similarly, restores can be performed at a data-store level or individual virtual machine level. IBM System Storage N series in conjunction with VMware vSphere 4 helps complete the virtualization hierarchy by providing both a server and storage virtualization solution. Although this configuration can further assist with other areas of virtualization, networks, and applications, these areas of virtualization are not covered in detail in this book.

IBM Cloud Object Storage System Product Guide IBM Redbooks

*** NEW EDITION: UPDATED MAY

2023 *** You've probably been hearing a lot about data backup these days, thanks to the increasing popularity of services like Dropbox, Google Drive, OneDrive, Carbonite, etc. This guide—the result of months of research and writing—will cover all of those and much more. While at first glance backup seems like a straightforward topic, it can be complicated by the following common situations: - Having more data than you can fit on your computer - Using multiple computers that need access to the same files - Making some files accessible on the Web for times when you can't use your own computer - Syncing and accessing some files with your mobile devices (phones, tablets) - Protecting yourself from a major system crash, theft or disaster - Keeping copies of different versions of some files - Syncing or backing up only selected files instead of everything. My goal is to help you understand everything you need to know about protecting your data with backups. I will also show you how to sync your files across all your computing devices and how to share selected files or collaborate with others. At its core, this is a technology guide, but securing your digital data is about more than just technology. Thus, I will provide a unique framework to help you organize and more easily work with your data. You will learn how to match different techniques to different data types and hopefully become more productive in the process. I have tried to make this guide complete, which means it must appeal to the tech-savvy and technophobe alike. Thus, you will read—in simple terms—about the different types of backup (full, incremental, differential, delta), cloud services, how to protect your files with encryption, the importance of file systems when working with different types of computers, permanently assigning drive letters to external drives, and other useful tips. In many sections of the guide I present a fairly complete listing of backup and syncing tools and services. I do this to be thorough and for those who may have special needs or an above-average interest in the topic. However, I recognize you will most likely be more interested in personal suggestions than a full listing of choices which will require time to investigate. Accordingly, I highlight the tools I have used and recommend. Moreover, I lay out my complete backup and syncing system, which you are free to copy if it suits you. Note: I am a Windows user and this bias shows in parts of the guide. Most of the concepts are independent of operating system, and many of the recommended

programs are available for Macs as well as Windows, but some details (e.g., the discussion of Windows Libraries) and some highlighted software and services, are Windows-only. I think if you are a Mac user you are already used to this common bias, but I wish to make it clear before you decide to read this guide.

Photographer's Guide to the Digital Lifecycle IBM Redbooks

Today, new business models in the marketplace coexist with traditional ones and their well-established IT architectures. They generate new business needs and new IT requirements that can only be satisfied by new service models and new technological approaches. These changes are reshaping traditional IT concepts. Cloud in its three main variants (Public, Hybrid, and Private) represents the major and most viable answer to those IT requirements, and software-defined infrastructure (SDI) is its major technological enabler. IBM® technology, with its rich and complete set of storage hardware and software products, supports SDI both in an open standard framework and in other vendors' environments. IBM services are able to deliver solutions to the customers with their extensive knowledge of the topic and the experiences gained in partnership with clients. This IBM Redpaper™ publication focuses on software-defined storage (SDS) and IBM Storage Systems product offerings for software-defined environments (SDEs). It also provides use case examples across various industries that cover different client needs, proposed solutions, and results. This paper can help you to understand current organizational capabilities and challenges, and to identify specific business objectives to be achieved by implementing an SDS solution in your enterprise.

IBM Cloud Object Storage System Product Guide Springer

IBM® Spectrum Virtualize is a key member of the IBM Spectrum® Storage portfolio. It is a highly flexible storage solution that enables rapid deployment of block storage services for new and traditional workloads, on-premises, off-premises and in a combination of both. IBM Spectrum Virtualize for Public Cloud provides the IBM Spectrum Virtualize functions in IBM Cloud®. This capability provides a monthly license to deploy and use IBM Spectrum Virtualize in IBM Cloud to enable hybrid cloud solutions, offering the ability to transfer data between on-premises private clouds or data centers and the public cloud. This IBM Redpaper Redbooks publication gives a broad understanding of IBM Spectrum Virtualize for Public Cloud Version 8.3.1 architecture and provides planning and implementation details of the common use cases for this product. This publication helps storage and networking administrators plan, implement, install, tailor, and configure the IBM Spectrum Virtualize for Public Cloud offering. It also provides a detailed description of troubleshooting tips. IBM Spectrum Virtualize is also available on AWS. For more information, see Implementing IBM Spectrum

Virtualize for Public Cloud on AWS Version 8.3.1, REDP-5588.

IBM Software-Defined Storage Guide Taylor & Francis

Innovations in cloud and service-oriented architectures continue to attract attention by offering interesting opportunities for research in scientific communities. Although advancements such as computational power, storage, networking, and infrastructure have aided in making major progress in the implementation and realization of cloud-based systems, there are still significant concerns that need to be taken into account. Principles, Methodologies, and Service-Oriented Approaches for Cloud Computing aims to present insight into Cloud principles, examine associated methods and technologies, and investigate the use of service-oriented computing technologies. In addressing supporting infrastructure of the Cloud, including associated challenges and pressing issues, this reference source aims to present researchers, engineers, and IT professionals with various approaches in Cloud computing. Enabling Hybrid Cloud Storage for IBM Spectrum Scale Using Transparent Cloud Tiering
IBM Redbooks

Ô Superfast Computer Course Ô is a book designed especially for those who wish to acquire computer skills and become expert in its various applications. Besides the basic knowledge of computer, it provides an insight into web-designing, search, the innumerable programs used, etc. Social networking Ñ blogging, chatting, Facebook, etc. Ñ is one of the most versatile features for which computers are used in today Ôs world. This book covers all of them. The step-by-step visualization of the corresponding screens makes it easy for the novice to learn and grasp the subject, making him/her an expert.