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*IBM TS4500 R8 Tape Library Guide IBM TS7700 Release 4.2 Guide IBM Spectrum Archive Enterprise Edition V1.2.6 Installation and Configuration Guide Energy Conservation Program Guide for Industry and Commerce (EPIC) Implementing Cisco Collaboration Applications (CAPPS) Foundation Learning Guide (CCNP Collaboration Exam 300-085 CAPPS) THE COMPLETE GUIDE TO PLAYGROUND DEVELOPMENT IBM Spectrum Archive Enterprise Edition V1.3.2.2: Installation and Configuration Guide Study Guide, Chapters 14-26 for Warren/Reeve/Duchac's Accounting, 25th IBM Software-Defined Storage Guide Controller's Guide to Planning and Controlling Operations Mobilehome Installation Guide Hot Rodder's Bible : The Ultimate Guide to Building Your Dream Machine Solar Panel Installation Guide and User's Manual IBM TS7700 Release 5.2.2 Guide Manufacturing, Distribution and Retail Guide IBM Spectrum Archive Single Drive Edition and Library Edition: Installation and Configuration Guide InfoWorld UNIX Review's Performance Computing Implementing Cisco IP Switched Networks (SWITCH) Foundation Learning Guide The Homeowner's Guide to Managing a Renovation Catalog of Copyright Entries. Third Series The Rough Guide to West Africa Cisco Frame Relay Solutions Guide Solaris 8 Administrator's Guide Aviation Unit and Intermediate Unit Maintenance Manual GRE Prep Plus 2023 CISCO CERTIFIED NETWORK ASSOCIATE (200-301 CCNA) Exam Practice Questions & Dumps Complete Guide to Plant Operations Management Research Product - U.S. Army Research Institute for the Behavioral and Social Sciences TMS4500A Dynamic RAM Controller User's Manual Gordon's Guide to Adventure Vacations Mechwarrior 4 Mercenaries Comprehensive Strategy Guide PC Magazine CCNA Collaboration CIVND 210-065 Official Cert Guide PC Mag I-B-R Installation Guide Configuring Cisco Routers for ISDN Tomart's Value Guide to Disney Animation Art IBM System Storage DS8700 Architecture and Implementation Final Fantasy XIII - Strategy Guide*

This IBM® Redbooks® publication covers IBM TS7700 R5.2. The IBM TS7700 is part of a family of IBM Enterprise tape products. This book is intended for system architects and storage administrators who want to integrate their storage systems for optimal operation. Building on 25 years of experience, the R5.2 release includes many features that enable improved performance, usability, and security. Highlights include IBM TS7700 Advanced Object Store, an all flash TS7770, grid resiliency enhancements, and Logical WORM retention. By using the same hierarchical storage techniques, the TS7700 (TS7770 and TS7760) can also off load to object storage. Because object storage is cloud-based and accessible from different regions, the TS7700 Cloud Storage Tier support essentially allows the cloud to be an extension of the grid. As of this writing, the TS7700C supports the ability to off load to IBM Cloud® Object Storage, Amazon S3, and RSTOR. This publication explains features and concepts that are specific to the IBM TS7700 as of release R5.2. The R5.2 microcode level provides IBM TS7700 Cloud Storage Tier enhancements, IBM DS8000® Object Storage enhancements, Management Interface dual control security, and other smaller enhancements. The R5.2 microcode level can be installed on the IBM TS7770 and IBM TS7760 models only. Note: The latest Release 5.2 was split into two phases: R5.2 Phase 1 (also referred to as and ) R5.2 Phase 2 ( and R) TS7700 provides tape virtualization for the IBM z environment. Off loading to physical tape behind a TS7700 is used by hundreds of organizations around the world. Tape virtualization can help satisfy the following requirements in a data processing environment. New and existing capabilities of the TS7700 5.2.2 release includes the following highlights: Eight-way Grid Cloud, which consists of up to three generations of TS7700 Synchronous and asynchronous replication of virtual tape and TCT objects Grid access to all logical volume and object data that is independent of where it exists An all-flash TS7770 option for improved performance Full Advanced Object Store Grid Cloud support of DS8000 Transparent Cloud Tier Full AES256 encryption for data that is in-flight and at-rest Tight integration with IBM Z® and DFSMS policy management DS8000 Object Store AES256 in-flight encryption and compression Regulatory compliance through Logical WORM and LWORM Retention support Cloud Storage Tier support for archive, logical volume version, and disaster recovery Optional integration with physical tape 16 Gb IBM FICON® throughput that exceeds 5 GBps per TS7700 cluster Grid Resiliency Support with Control Unit Initiated Reconfiguration (CUIR) support IBM Z hosts view up to 3,968 common devices per TS7700 grid TS7770 Cache On-demand feature that is based capacity licensing TS7770 support of SSD within the VED server The TS7700T writes data by policy to physical tape through attachment to high-capacity, high-performance IBM TS1160, IBM TS1150, and IBM TS1140 tape drives that are installed in an IBM TS4500 or TS3500 tape library. The TS7770 models are based on high-performance and redundant IBM POWER9™ technology. They provide improved performance for most IBM Z tape workloads when compared to the previous generations of IBM TS7700. The Rough Guide to West Africa in epub format is the most comprehensive and user-friendly guide to one of the world's hardest - and most rewarding - regions for travel, covering the 15 visitable countries from Mauritania to Cameroon in fifty percent more detail than its only competitor. Each chapter of the Rough Guide includes thoroughly researched hotel and restaurant listings, sections on everything from food and language to media and sport, and thoughtful background on the environment, culture, history, politics and music. The introduction highlights the region's attractions and touches on its great range of cultural and scenic impressions. Sections on Arts and Crafts and Fruit and Food Plants offer fascinating information and useful advice. More than 160 accessible and accurate maps guide you from the urban jungle to beaches and mountains. And an extensive index references every place mentioned in the guide. Visit the author blog at <http://theroughguidetowestafrika.blogspot.com> for news, links and updates. Make the most of your time with The Rough Guide to West Africa "Solaris 8 Administrator's Guide" covers all aspects of deploying Solaris as a net-work server, including both basic and advanced network services. The book shows many examples of configuration files and third-party software installations, and delves more deeply into difficult conceptual material than do the Solaris reference manuals. This IBM® Redbooks® publication helps you with the planning, installation, and configuration of the new IBM Spectrum® Archive Enterprise Edition (EE) Version 1.3.2.2 for the IBM TS4500, IBM TS3500, IBM TS4300, and IBM TS3310 tape libraries. IBM Spectrum Archive Enterprise Edition enables the use of the LTFS for the policy management of tape as a storage tier in an IBM Spectrum Scale based environment. It also helps encourage the use of tape as a critical tier in the storage environment. This edition of this publication is the tenth edition of IBM Spectrum Archive Installation and Configuration Guide. IBM Spectrum Archive EE can run any application that is designed for disk files on a physical tape media. IBM Spectrum Archive EE supports the IBM Linear Tape-Open (LTO) Ultrium 9, 8, 7, 6, and 5 tape drives. and the IBM TS1160, TS1155, TS1150, and TS1140 tape drives. IBM Spectrum Archive EE can play a major role in reducing the cost of storage for data that does not need the access performance of primary disk. The use of IBM Spectrum Archive EE to replace disks with physical tape in tier 2 and tier 3 storage can improve data access over other storage solutions because it improves efficiency and streamlines management for files on tape. IBM Spectrum Archive EE simplifies the use of tape by making it transparent to the user and manageable by the administrator under a single infrastructure. This publication is intended for anyone who wants to understand more about IBM Spectrum Archive EE planning and implementation. This book is suitable for IBM customers, IBM Business Partners, IBM specialist sales representatives, and technical specialists. Note: This is a republication of IBM Spectrum Archive Enterprise Edition V1.2.6: Installation and Configuration Guide with new book number SG24-8445 to keep the content available on the Internet along with the recent publication IBM Spectrum Archive Enterprise Edition V1.3.0: Installation and Configuration Guide, SG24-8333. This IBM® Redbooks® publication helps you with the planning, installation, and configuration of the new IBM Spectrum™ Archive V1.2.6 for the IBM TS3310, IBM TS3500, IBM TS4300, and IBM TS4500 tape libraries. IBM Spectrum Archive™ EE enables the use of the LTFS for the policy management of tape as a storage tier in an IBM Spectrum Scale™ based environment. It helps encourage the use of tape as a critical tier in the

storage environment. This is the sixth edition of IBM Spectrum Archive Installation and Configuration Guide. IBM Spectrum Archive EE can run any application that is designed for disk files on a physical tape media. IBM Spectrum Archive EE supports the IBM Linear Tape-Open (LTO) Ultrium 8, 7, 6, and 5 tape drives in IBM TS3310, TS3500, TS4300, and TS4500 tape libraries. In addition, IBM TS1155, TS1150, and TS1140 tape drives are supported in TS3500 and TS4500 tape library configurations. IBM Spectrum Archive EE can play a major role in reducing the cost of storage for data that does not need the access performance of primary disk. The use of IBM Spectrum Archive EE to replace disks with physical tape in tier 2 and tier 3 storage can improve data access over other storage solutions because it improves efficiency and streamlines management for files on tape. IBM Spectrum Archive EE simplifies the use of tape by making it transparent to the user and manageable by the administrator under a single infrastructure. This publication is intended for anyone who wants to understand more about IBM Spectrum Archive EE planning and implementation. This book is suitable for IBM clients, IBM Business Partners, IBM specialist sales representatives, and technical specialists. Now fully updated for the new Cisco CAPPs 300-085 exam, Implementing Cisco Collaboration Applications (CAPPs) Foundation Learning Guide is your Cisco® authorized learning tool for CCNP® Collaboration preparation. Part of the Cisco Press Foundation Learning Series, it teaches advanced skills for designing, deploying, configuring, and troubleshooting Cisco Collaboration and Unified Communications applications, devices, and networks. Author Chris Olsen shows how to effectively use Cisco Unity Connection, Cisco Unity Express, Cisco Instant Message and Presence, Cisco TelePresence Video Communication Server, and Cisco TelePresence Management Suite in production environments. He begins by introducing the server platforms and overlays that are the basis for all Cisco Unity Connection design and integration. Next, he presents in-depth coverage of a wide range of essential tasks—from user configuration to voicemail redundancy, configuring Cisco Jabber Mobile, to provisioning Cisco Prime Collaboration. Each chapter opens with a list of topics that clearly identifies its focus. Each chapter ends with a summary of key concepts for quick study, as well as review questions to assess and reinforce your understanding. Throughout, configuration examples and sample verification outputs illustrate critical issues in network operation and troubleshooting. Whether you are preparing for the CCNP Collaboration certification exams or you are just interested in learning about how to deploy and operate Cisco collaboration applications, you will find this book to be an invaluable resource. Shows how to integrate Cisco Unity Connection with Cisco Unified Communications Manager or other PBXs Covers configuring Cisco Unity Connection users, templates, service classes, distribution lists, security, LDAP, dial plans, and call management Walks through Unified Messaging single Inbox configuration Shows how to design, integrate, and configure feature-rich branch office messaging solutions with Cisco Unity Express Explains Cisco Unified IM and Presence components, design, integration, deployment, and feature configuration Covers Cisco Jabber and Cisco Jabber Mobile configuration Guides you through deploying Cisco Collaboration Systems Applications with Cisco Prime Collaboration Introduces Cisco TelePresence Management Suite (Cisco TMS) capabilities and scheduling options This book is in the Foundation Learning Guide Series. These guides are developed together with Cisco® as the only authorized, self-paced learning tools that help networking professionals build their understanding of networking concepts and prepare for Cisco certification exams. These courses envelop the foundational networking knowledge that you'll need to get your career in networking jumpstarted. These courses envelop network fundamentals, network access, IP connectivity, IP services, network security fundamentals, and laying the foundation for network automation and programmability. Preparing for the supporting Cisco datacenter networking devices 200-301 exam to become a CISCO CCNA Certified? Here we have brought Best Exam Questions for you so that you can prepare well CISCO CCNA (200-301) exam. Unlike other online simulation practice tests, you get an eBook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam. Kaplan's GRE Prep Plus 2023 guides you through the GRE step-by-step, with expert strategies, essential content review, and five online practice tests. Get an advantage on test day with our proven test-taking strategies, math skills review, and one-year access to online practice and lessons. We're so certain that GRE Prep Plus 2023 offers all the knowledge you need to excel at the GRE that we guarantee it: After studying with the online resources and book, you'll score higher on the GRE—or you'll get your money back. The Best Practice Five full-length online tests help you practice in the same computer-based format you'll see on test day. One full-length practice test included in the book for when online is not an option. Two mini tests, one math and one verbal, online to help you get off to a fast start More than 1,500 questions with detailed explanations. Video explanations of selected questions. 500-question online Qbank that lets you select problems by topic and difficulty and customize your practice. Chapters on each GRE question type and math skill, with practice sets for each. Questions have been reviewed, revised, and updated by Kaplan's expert faculty. Expert Guidance Online study-planning tool helps you target your prep no matter how much time you have before the test. We know the test: Our learning engineers have put tens of thousands of hours into studying the GRE, and we use real data to design the most effective strategies and study plans. Kaplan's books and practice questions are written by veteran teachers who know students—every explanation is written to help you learn. We invented test prep—Kaplan (kaptest.com) has been helping students for over 80 years. Want to boost your studies with even more online practice and in-depth GRE math and verbal workbooks? Try Kaplan's GRE Complete 2023. A Simple Practical Guide to Solar Energy Designing and Installing Photovoltaic Solar Electric Systems The Solar Electricity Handbook is a practical and straightforward guide to using electric solar panels. Assuming no previous knowledge, the book explains how solar panels work, how they can be used and explains the steps you need to take to successfully design and install a solar photovoltaic system from scratch. This books contains all basic knowledge for exmple: 1. Selection Solar panel 2. Calculation of requirement of battery, inverter etc 3. Various Types Solar Connectors 4. Solar Power Charge Controllers, 5. Wire and cables and connections 6. Junction Box and connection 7. Safety Measures 8. Government subsidy Rules 9. List of Sppliers and manufacturers in India for Solar panel, battery and other Equipments 10 Clculation of size of solar cables 11. Price list of Panels and other resourses. 12 Roof Installation 13. Ground Installation. 14 Pole installation 15. Different type of solar cell technology 16. Solar accessories and equipments and much more. Get the lowdown on building the rod of your dreams with direction from the experts. Here's everything you'll ever need in one information-packed volume: finding a donor car, design, body and paint work, chassis and suspension modifications, selecting and installing engines and transmissions, interiors, accessories, hot rodding events, clubs, and collectibles. Contains insider tricks and tips from veteran hot rod experts. Major home remodeling isn't for the faint of heart; there is huge potential for design problems, cost overruns, or just unsatisfactory workmanship. Here, a professional construction manager who masterminded the redesign at New York's famed Avery Fisher Hall as well as a massive institute-wide renovation of St. Luke's Hospital, offers an indispensable guide for homeowners who need to manage a large-scale renovation. There's advice on how to articulate your thoughts clearly to designers, architects, and contractors; tips on negotiating contracts; suggestions for protecting yourself from legal and financial threats; and help understanding warranty claims. Each step—from initial planning through the completed project—is covered in layman's terms, and sample contracts, floor plans, cost estimating worksheets and other forms are provided. The first single-volume reference to provide accounting, audit, tax, and consulting guidance to CPAs working in these industries. It provides industry-specific information as it applies to issues such as financial reporting and essential internal controls. It also integrates and interpretes authoritative guidance from the FASB, AICPA, and Emerging Issues Task Force. The guide includes practice aids, such as checklists, work programs, as well as illustrations and practice pointers. The practice aids are available on a free companion CD-ROM. PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology. This author-written guide provides students quiz and test hints, matching questions, fill-in-the-blank questions (parts A & B), multiple-choice questions, true/false questions, exercises, and problems for each chapter. New to this edition: All time-sensitive material has been updated for currency. Exercises and problems have been edited with new names and values. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. "Foundation learning for SWITCH 642-813"--P. 1, cover. Understand Frame Relay usage, implementation, and management for improved Layer 2 switching Review Cisco Systems-specific Frame Relay solutions, including feature advantages Learn methodologies and strategies from real world Cisco Systems case studies, covering a broad range of problems The Controller's Guide to Planning and Controlling Operations is acomprehensive guide for controllers, CFOs, and budget managers whoneed to determine: The soundness of sales forecasts The best approach for setting product prices The profitability of customers and market segments Federal tax remittance rules The impact of a just-in-time system on inventory levels Packed with clear and

realistic strategies, it helps create a coherent framework of financial plans that apply to the full breadth of ongoing corporate control systems, as well as illustrates: When to use labor and materials standards to control manufacturing How to control research and development costs How to grant appropriate credit levels to customers How to set up an effective capital budgeting process How to create a cost-of-capital calculation This book is for those in search of fun! Cowboy up ... at an authentic dude ranch; Horse pack with your spouse in Montana's rugged Bitterroot Wilderness; Bicycle through the beautiful vineyards of Napa Valley, Italy, or France; Drive a covered wagon pulled by a team of horses through the Teton wilderness of Wyoming; Plunge down the majestic Grand Canyon's Lava Falls ... the world's biggest whitewater; Feel the exhilaration, kayaking among Orcas on Alaska's Inside Passage or paddling the myriad of islands in the crystal clear waters of the Belize. Features 700 recreation providers. &> Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCNA Collaboration CIVND 210-065 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Collaboration CIVND 210-065 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Collaboration CIVND 210-065 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert Cisco Collaboration engineers Brian Morgan and Jason Ball share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete, official study package includes A test-preparation routine proven to help you pass the exam "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending exercises, which help you drill on key concepts you must know thoroughly The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNA Collaboration CIVND 201-065 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit [www.cisco.com](http://www.cisco.com). The official study guide helps you master topics on the CCNA Collaboration CIVND 210-065 exam, including the following: Cisco Collaboration components and architecture Cisco Digital Media Suite, Digital Signs, Cisco Cast, and Show and Share Cisco video surveillance components and architectures Cisco IP Phones, desktop units, and Cisco Jabber Cisco TelePresence endpoint portfolio Cisco Edge Architecture including Expressway Multipoint, multisite, and multiway video conferencing features Cisco TelePresence MCU hardware and server family Cisco TelePresence management Cisco WebEx solutions 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. The Complete Guide to Playground Development will guide you from design through construction, and every step in between, to your new dream playground in simple easy to understand terms. It also has information on the importance of play in child development; as well as resources to qualify playground equipment vendors, create a Play Program, define your site conditions, define your budget, follow current guidelines, find consultants, and certify safe and compliant installations. If you are planning to renovate or build a new playground this manual is an invaluable resource. The IBM® TS4500 (TS4500) tape library is a next-generation tape solution that offers higher storage density and better integrated management than previous solutions. This IBM Redbooks® publication gives you a close-up view of the new IBM TS4500 tape library. In the TS4500, IBM delivers the density that today's and tomorrow's data growth requires. It has the cost-effectiveness and the manageability to grow with business data needs, while you preserve investments in IBM tape library products. Now, you can achieve a low per-terabyte cost and high density, with up to 13 PB of data (up to 39 PB compressed) in a single 10 square-foot library by using LTO Ultrium 9 cartridges or 11 PB with 3592 cartridges. The TS4500 offers the following benefits: Support of the IBM Linear Tape-Open (LTO) Ultrium 9 tape drive: Store up to 1.04 EB 2.5:1 compressed per library with IBM LTO 9 cartridges. High availability: Dual active accessors with integrated service bays reduce inactive service space by 40%. The Elastic Capacity option can be used to eliminate inactive service space. Flexibility to grow: The TS4500 library can grow from the right side and the left side of the first L frame because models can be placed in any active position. Increased capacity: The TS4500 can grow from a single L frame up to another 17 expansion frames with a capacity of over 23,000 cartridges. High-density (HD) generation 1 frames from the TS3500 library can be redeployed in a TS4500. Capacity on demand (CoD): CoD is supported through entry-level, intermediate, and base-capacity configurations. Advanced Library Management System (ALMS): ALMS supports dynamic storage management, which enables users to create and change logical libraries and configure any drive for any logical library. Support for IBM TS1160 while also supporting TS1155, TS1150, and TS1140 tape drive. The TS1160 gives organizations an easy way to deliver fast access to data, improve security, and provide long-term retention, all at a lower cost than disk solutions. The TS1160 offers high-performance, flexible data storage with support for data encryption. Also, this enhanced fifth-generation drive can help protect investments in tape automation by offering compatibility with existing automation. Store up to 1.05 EB 3:1 compressed per library with IBM 3592 cartridges Integrated TS7700 back-end Fibre Channel (FC) switches are available. Up to four library-managed encryption (LME) key paths per logical library are available. This book describes the TS4500 components, feature codes, specifications, supported tape drives, encryption, new integrated management console (IMC), command-line interface (CLI), and REST over SCSI (RoS) to obtain status information about library components. You learn how to accomplish the following tasks: Improve storage density with increased expansion frame capacity up to 2.4 times, and support 33% more tape drives per frame This IBM® Redbooks® publication covers IBM TS7700 R4.2. The IBM TS7700 is part of a family of IBM Enterprise tape products. This book is intended for system architects and storage administrators who want to integrate their storage systems for optimal operation. Building on over 20 years of virtual tape experience, the TS7760 now supports the ability to store virtual tape volumes in an object store. The TS7700 has supported off loading to physical tape for over two decades. Off loading to physical tape behind a TS7700 is utilized by hundreds of organizations around the world. Using the same hierarchical storage techniques, the TS7700 can also off load to object storage. Given 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. As of the release of this document, the TS7760C supports the ability to off load to IBM Cloud Object Storage as well as Amazon S3. To learn about the TS7760 cloud storage tier function, planning, implementation, best practices, and support see IBM Redpaper IBM TS7760 R4.2 Cloud Storage Tier Guide, redp-5514 at: <http://www.redbooks.ibm.com/abstracts/redp5514.html> The IBM TS7700 offers a modular, scalable, and high-performance architecture for mainframe tape virtualization for the IBM Z® environment. It is a fully integrated, tiered storage hierarchy of disk and tape. This storage hierarchy is managed by robust storage management microcode with extensive self-management capability. It includes the following advanced functions: Improved reliability and resiliency Reduction in the time that is needed for the backup and restore process Reduction of services downtime that is caused by physical tape drive and library outages Reduction in cost, time, and complexity by moving primary workloads to virtual tape More efficient procedures for managing daily backup and restore processing Infrastructure simplification through reduction of the number of



physical tape libraries, drives, and media TS7700 delivers the following new capabilities: TS7760C supports the ability to off load to IBM Cloud Object Storage as well as Amazon S3 8-way Grid Cloud consisting of any generation of TS7700 Synchronous and asynchronous replication Tight integration with IBM Z and DFSMS policy management Optional Transparent Cloud Tiering Optional integration with physical tape Cumulative 16Gb FICON throughput up to 4.8GB/s 8 IBM Z hosts view up to 496 8 equivalent devices Grid access to all data independent of where it exists The TS7760T writes data by policy to physical tape through attachment to high-capacity, high-performance IBM TS1150 and IBM TS1140 tape drives installed in an IBM TS4500 or TS3500 tape library. The TS7760 models are based on high-performance and redundant IBM POWER8® technology. They provide improved performance for most IBM Z tape workloads when compared to the previous generations of IBM TS7700. InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects. Six people, from very different backgrounds, get thrown together in a series of tumultuous events. A Pulse fal'Cie (a demi-god) has been found in the seaside town of Bodhum, a place where the fates of everyone converge and the discovery sets in motion a chain of events that will change the world forever. An innocent fireworks display in the town soon turns nasty when government soldiers storm the peaceful celebration and commit everyone to the Purge (sending individuals "contaminated" by the Pulse fal'Cie into exile). This is where your story and legend begins. Can you fight fate? Our guide covers everything you need to complete the game 100% including: - A complete walkthrough of all thirteen chapters. - All Cie'th stone marks and missions completed, with detailed strategies for every one. - Weapons and Shop lists and much more! Coming Soon Version 1.1 - A detailed guide on the optimum Crystarium paths for all characters as well as optional uses for them. - An upgrade guide for the most efficient way to level up your weapons to save you time and a lot of Gil. - Complete trophy/achievement guide. The IBM® Linear Tape File System™ (LTFS) is the first file system that works along with Linear Tape-Open (LTO) tape technology to set a new standard for ease of use and portability for open systems tape storage. In 2011, LTFS won an Engineering Emmy Award for Innovation from the Academy of Television Arts & Sciences. This IBM Redbooks® publication helps you install, tailor, and configure the IBM Spectrum™ Archive Single Drive Edition (SDE) and the IBM Spectrum Archive™ Library Edition (LE) products. LTFS is a file system that was originally implemented on dual-partition linear tape (IBM LTO Ultrium 5 tape drives (LTO-5) and IBM TS1140 tape drives). Now IBM Spectrum Archive SDE and LE support IBM LTO Ultrium 8, 7, 6, or 5 tape drives, and IBM TS1155, IBM TS1150, and IBM TS1140 tape drives. IBM Spectrum Archive LE supports the IBM TS4500 tape library, IBM TS3500 tape library, IBM TS3310 tape library, IBM TS3200 tape library express, IBM TS3100 tape library express, and IBM TS2900 tape autoloader express. IBM Spectrum Archive makes tape look and work like any removable media, such as a USB drive. Files and directories appear on the desktop as a directory listing. It is now simple to drag files to and from tape. Any application that is written to use disk files works with the same files on tape. IBM Spectrum Archive SDE supports stand-alone drives only. IBM Spectrum Archive LE supports tape libraries. IBM Spectrum Archive LE presents each cartridge in the library as a subdirectory in the LTFS file system. With IBM Spectrum Archive LE, you can list the contents and search all of the volumes in the library without mounting the volumes by using an in-memory index. This publication is intended for anyone who wants to understand more about IBM Linear Tape System products and their implementation. This book is suitable for IBM clients, IBM Business Partners, IBM specialist sales representatives, and technical specialists. This IBM® Redbooks® publication describes the concepts, architecture, and implementation of the IBM System Storage® DS8700 storage subsystem. This book has reference information that will help you plan for, install, and configure the DS8700 and also discusses the architecture and components. The DS8700 is the most advanced model in the IBM System Storage DS8000® series. It includes IBM POWER6®-based controllers, with a dual 2-way or dual 4-way processor complex implementation. Its extended connectivity, with up to 128 Fibre Channel/FICON® ports for host connections, make it suitable for multiple server environments in both open systems and IBM System z® environments. If desired, the DS8700 can be integrated in an LDAP infrastructure. The DS8700 supports thin provisioning. Depending on your specific needs, the DS8700 storage subsystem can be equipped with SATA drives, FC drives, and Solid® State Drives (SSDs). The DS8700 can now automatically optimize the use of SSD drives through its no charge Easy Tier feature. The DS8700 also supports Full Disk Encryption (FDE) feature. Its switched Fibre Channel architecture, dual processor complex implementation, high availability design, and the advanced Point-in-Time Copy and Remote Mirror and Copy functions that incorporates make the DS8700 storage subsystem suitable for mission-critical business functions. This comprehensive manual covers all the basic and advanced tactics and styles of play that every Mechwarrior shouldn't be without. This guide takes an in-depth look at all things Mechlab from statistics to components. Specific mechs are explored as well as specific variants - 37 of them with 18 mechs represented, and 5 Battle Armor configurations. Also included are 42 maps with synopsis, terrain and drop zones. The core engine is explained through experimentation. Lastly, the Battle/Team Battle format is scrutinized in detail with Formulas, Damage Multiplier and the Coolant Equation. If you've ever wondered how to consistently outscore the opponent and be at the top of the scoreboard read this guide!