

Ibm Tape Library

IBM Tape Library Guide for Open Systems IBM Diamondback Tape Library Guide IBM TS4500 R11
Tape Library Guide IBM System Storage Solutions Handbook ABCs of IBM z/OS System Programming
Volume 3 Storage Networks Explained IBM Tape Library Guide for Open Systems IBM Tape Library
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this ibm redbooks publication presents a general introduction to the latest current ibm tape and tape library technologies featured tape technologies include the ibm lto ultrium and enterprise 3592 tape drives and their implementation in ibm tape libraries this 19th edition includes information about the latest ibm linear tape open lto ultrium 9 tape drive ibm diamondback tape library ibm ts4500 tape library ibm ts4300 tape library ts2900 tape autoloader along with technical information about each ibm tape product for open systems it also includes generalized sections about small computer system interface scsi and fibre channel connections and multipath architecture configurations this book also covers tools and techniques for library management it is intended for anyone who wants to understand more about ibm tape products and their implementation it is suitable for ibm clients ibm business partners ibm specialist sales representatives and technical specialists if you do not have a background in computer tape storage products you might need to read other sources of information in the interest of being concise topics that are generally understood are not covered in detail

the ibm diamondback tape library is the next generation ultra high density tape storage solution available from ibm the diamondback is designed to easily scale out and fit into any data center or server

room with each frame having only the footprint of a standard server rack designed with a focus on simplicity and density the library can be deployed quickly and easily managed using either rest api or its own browser based gui maintenance and support are also simplified via the use of customer replaceable units crus and built in call home which greatly lowers the number of parts to be kept on hand and reduces downtime in the event of a failure this next generation tape library is designed to help midsized and large enterprises meet modern cloud storage challenges including increasing data volumes rising storage footprint costs and reducing the complexity of it training and system management by simplifying data migration and administration this ibm redbooks publication provides a detailed overview of the new diamondback library and its features highlights of these features include standard server rack dimensions based on open compute project racks installs into data centers and is serviced like a server rack store up to 27 pb capacity with lto 9 cartridges up to 69 pb with 2 5 1 compression a 2 7x improvement over lto with ts4500 single frame media optimization for the lto9 tape drive with l9 lz media reduce installation time with the ability to ship fully loaded with tape cartridges optimize storage with ultra high density uhd storage slots automate management through a rest api simplified service using crus reduces down time and number of parts to keep on hand automatic control path and data path fail over tape drive encryption worm media support persistent worldwide name multipath architecture drive media exception reporting remote drive media management advanced library management system alms additionally this book describes detailed information about the ibm diamondback components feature codes specifications supported tape drives encryption system management security features and rest features this publication is for anyone who wants to understand more about the ibm diamondback tape library it is particularly suitable for ibm clients ibm business partners ibm specialist sales representatives and technical specialists

the ibm 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 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 this publication is for anyone who wants to understand more about the ibm ts4500 tape library it is particularly suitable for ibm clients ibm business partners ibm specialist sales representatives and technical specialists

the ibm system storage solutions handbook helps you solve your current and future data storage business requirements it helps you achieve enhanced storage efficiency by design to allow managed cost capacity of growth greater mobility and stronger control over storage performance and management it describes the most current ibm storage products including the ibm spectrumtm family ibm flashsystem disk and tape as well as virtualized solutions such ibm storage cloud this ibm redbooks publication provides overviews and information about the most current ibm system storage products it shows how ibm delivers the right mix of products for nearly every aspect of business continuance and business efficiency ibm storage products can help you store safeguard retrieve and share your data this book is intended as a reference for basic and comprehensive information about the ibm storage products portfolio it provides a starting point for establishing your own enterprise storage environment this book

describes the ibm storage products as of march 2016

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abstract this ibm redbooks publication presents a general introduction to the latest ibm tape and tape library technologies featured tape technologies include the ibm lto ultrium and enterprise 3592 tape drives and their implementation in ibm tape libraries this 16th edition introduces the new ts1160 tape drive with up to 20 tb capacity on je media and the latest updates to the ibm ts4500 and ts4300 tape libraries it includes generalized sections about small computer system interface scsi and fibre channel connections and multipath architecture configurations this book also covers tools and techniques for library management it is intended for anyone who wants to understand more about ibm tape products and their implementation it is suitable for ibm clients ibm business partners ibm specialist sales representatives and technical specialists if you do not have a background in computer tape storage products you might need to read other sources of information in the interest of being concise topics that are generally understood are not covered in detail

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