Ibm V7000 Manual

Bertrand Dufrasne,Roger Eriksson,Lisa Martinez,Wenzel Kalabza s,IBM Redbooks

Ibm V7000 Manual:

   Implementing the IBM Storwize V7000 with IBM Spectrum Virtualize V8.2.1 Jon Tate,Jack Armstrong,Tiago Bastos,Pawel Brodacki,Frank Enders,Sergey Kubin,Hartmut Lonzer,Danilo Miyasiro,Rodrigo Suzuki,IBM Redbooks,2019-11-07 Continuing its commitment to developing and delivering industry leading storage technologies IBM introduces the IBM Storwize V7000 solution powered by IBM SpectrumTM Virtualize This innovative storage offering delivers essential storage efficiency technologies and exceptional ease of use and performance all integrated into a compact modular design that is offered at a competitive midrange price The IBM Storwize V7000 solution incorporates some of the top IBM technologies that are typically found only in enterprise class storage systems which raises the standard for storage efficiency in midrange disk systems This cutting edge storage system extends the comprehensive storage portfolio from IBM and can help change the way organizations address the ongoing information explosion This IBM Redbooks publication introduces the features and functions of the IBM Storwize V7000 and IBM Spectrum VirtualizeTM V8 2 1 system through several examples This book is aimed at pre sales and post sales technical support and marketing and storage administrators It helps you understand the architecture of the Storwize V7000 how to implement it and how to take advantage of its industry leading functions and features   *Implementing the IBM Storwize V7000 Unified Disk System* Jure Arzensek,Nancy Kinney,Daniel Owen,Jorge Quintal,Jon Tate,IBM Redbooks,2014-12-19 This IBM Redbooks publication introduces the IBM Storwize V7000 Unified Disk System a virtualized storage system that consolidates block and file workloads into a single storage system Advantages include simplicity of management reduced cost highly scalable capacity performance and high availability It also offers improved efficiency and flexibility through built in solid state drive optimization thin provisioning IBM Real time CompressionTM and nondisruptive migration of data from existing storage The system can virtualize and reuse existing disk systems which offers a greater potential return on investment We suggest that you familiarize yourself with the following Redbooks publications to get the most from this book Implementing the IBM Storwize V7000 V6 3 SG24 7938 Implementing the IBM System Storage SAN Volume Controller V6 3 SG24 7933 Real time Compression in SAN Volume Controller and Storwize V7000 REDP 4859 SONAS Implementation and Best Practices Guide SG24 7962 SONAS Concepts Architecture and Planning Guide SG24 7963   *Implementing the IBM Storwize V7000 Gen2* Jon Tate,Morten Dannemand,Nancy Kinney,Massimo Rosati,Lev Sturmer,IBM Redbooks,2016-03-29 Data is the new currency of business the most critical asset of the modern organization In fact enterprises that can gain business insights from their data are twice as likely to outperform their competitors Nevertheless 72% of them have not started or are only planning big data activities In addition organizations often spend too much money and time managing where their data is stored The average firm purchases 24% more storage every year but uses less than half of the capacity that it already has The IBM Storwize family including the IBM SAN Volume Controller Data Platform is a storage virtualization system that enables a single point of control for storage

resources This functionality helps support improved business application availability and greater resource use The following list describes the business objectives of this system To manage storage resources in your information technology IT infrastructure To make sure that those resources are used to the advantage of your business To do it quickly efficiently and in real time while avoiding increases in administrative costs Virtualizing storage with Storwize helps make new and existing storage more effective Storwize includes many functions traditionally deployed separately in disk systems By including these functions in a virtualization system Storwize standardizes them across virtualized storage for greater flexibility and potentially lower costs Storwize functions benefit all virtualized storage For example IBM Easy Tier optimizes use of flash memory In addition IBM Real time CompressionTM enhances efficiency even further by enabling the storage of up to five times as much active primary data in the same physical disk space Finally high performance thin provisioning helps automate provisioning These benefits can help extend the useful life of existing storage assets reducing costs Integrating these functions into Storwize also means that they are designed to operate smoothly together reducing management effort This IBM Redbooks publication provides information about the latest features and functions of the Storwize V7000 Gen2 and software version 7 3 implementation architectural improvements and Easy Tier   **IBM System Storage Solutions Handbook** Ezgi Coskun,Mikael Lindström,Maciej Olejniczak,Oliver Stark,Megan Gilge,IBM Redbooks,2016-07-15 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   **IBM System Storage SAN Volume Controller, IBM Storwize V7000, and IBM FlashSystem 7200 Best Practices and Performance Guidelines** Jon Tate,Tiago Moreira Candelaria Bastos,Jon Herd,Sang-hyun Kim,Sergey Kubin,Dirk Peitzmann,Antonio Rainero,IBM Redbooks,2020-12-07 This IBM Redbooks publication captures several of the preferred practices and describes the performance gains that can be achieved by implementing the IBM System Storage SAN Volume Controller and IBM Storwize V7000 powered by IBM Spectrum VirtualizeTM V8 2 1 These practices are based on field experience This book highlights configuration guidelines and preferred practices for the storage area network SAN topology clustered system back end storage storage pools and managed disks volumes remote copy services and hosts Then it provides performance

guidelines for SAN Volume Controller back end storage and applications It explains how you can optimize disk performance with the IBM System Storage Easy Tier function It also provides preferred practices for monitoring maintaining and troubleshooting SAN Volume Controller and Storwize V7000 This book is intended for experienced storage SAN and SAN Volume Controller administrators and technicians Understanding his book requires advanced knowledge of the SAN Volume Controller and Storwize V7000 and SAN environments Important On 11th February 2020 IBM announced the arrival of SAN Volume Controller SA2 and SV2 and IBM FlashSystem 7200 to the family This book was written specifically for prior versions of SVC and Storwize V7000 however most of the general principles will apply If you are in any doubt as to their applicability then you should work with your local IBM representative This book will be updated to comprehensively include SAN Volume Controller SA2 and SV2 and FlashSystem 7200 in due course   IBM System Storage SAN Volume Controller and Storwize V7000 Replication Family Services Jon Tate,Rafael Vilela Dias,Ivaylo Dikanarov,Jim Kelly,Peter Mescher,IBM Redbooks,2017-02-16 This IBM Redbooks publication describes the new features that have been added with the release of the IBM System Storage SAN Volume Controller SVC and IBM System Storage Storwize V7000 6 4 0 code including Replication Family Services Replication Family Services refers to the various copy services available on the SVC and Storwize V7000 including IBM FlashCopy Metro Mirror and Global Mirror Global Mirror with Change Volumes Volume Mirroring and Stretched Cluster Volume Mirroring The details behind the theory and practice of these services are examined and SAN design suggestions and troubleshooting tips are provided Planning requirements automating copy services processed and fabric design are explained Multiple examples including implementation and server integration are included along with a discussion of software solutions and services that are based on Replication Family Services This book is intended for use by pre sales and post sales support and storage administrators Readers are expected to have an advanced knowledge of the SVC Storwize V7000 and the SAN environment The following publications are useful resources that provide background information Implementing the IBM System Storage SAN Volume Controller V6 3 SG24 7933 Implementing the IBM Storwize V7000 V6 3 SG24 7938 IBM SAN Volume Controller and Brocade Disaster Recovery Solutions for VMware REDP 4626 IBM System Storage SAN Volume Controller Upgrade Path from Version 4 3 1 to 6 1 REDP 4716 Real time Compression in SAN Volume Controller and Storwize V7000 REDP 4859 SAN Volume Controller Best Practices and Performance Guidelines SG24 7521 Implementing the Storwize V7000 and the IBM System Storage SAN32B E4 Encryption Switch SG24 7977   Implementing the Storwize V7000 and the IBM System Storage SAN32B-E4 Encryption Switch Jon Tate,Stefan Neff,Glen Routley,Denis Senin,IBM Redbooks,2012-02-15 In this IBM Redbooks publication we describe how these products can be combined to provide an encryption and virtualization solution IBM System Storage SAN32B E4 Encryption Switch IBM Storwize V7000 IBM Tivoli Key Lifecycle Manager We describe the terminology that is used in an encrypted and virtualized environment and we show how to implement these products to take advantage of their strengths

This book is intended for anyone who needs to understand and implement the IBM System Storage SAN32B E4 Encryption Switch IBM Storwize V7000 IBM Tivoli Key Lifecycle Manager and encryption   IBM Storwize V7000, Spectrum Virtualize, HyperSwap, and VMware Implementation Jon Tate,Angelo Bernasconi,Antonio Rainero,Ole Rasmussen,IBM Redbooks,2017-11-27 IBM Spectrum Virtualize Software Version 7 8 provides software defined storage capabilities across various platforms including IBM SAN Volume Controller IBM Storwize V7000 Storwize V7000 Unified Storwize V5000 Storwize V3700 and Storwize V3500 These offerings help clients reduce the complexities and cost of managing their storage in the following ways Centralizing management of storage volumes to enable administrators to manage storage volumes from a single point Improving utilization of storage capacity with virtual volumes to enable businesses to tap into previously unused disk capacity Avoiding downtime for backups maintenance and upgrades Performing data migration without disruption to applications Enabling all storage devices to be organized into storage pools from which virtual volumes whether standard compressed or thin provisioned are created with the characteristics that you want Delivering automation of storage management with SmartCloud Virtual Storage Center IBM Tivoli Storage Productivity Center as applicable by platform and IBM Tivoli Storage FlashCopy Manager as applicable by platform Increasing the performance efficiency of storage pools with IBM Easy Tier Restoring data access quickly with near and remote copy capabilities across Fibre Channel FC Fibre Channel over Ethernet FCoE and IP networks In this IBM Redbooks publication which is aimed at storage administrators and technical professionals we describe the IBM HyperSwap capability in IBM SpectrumTM Virtualize Software V7 8 HyperSwap delivers high availability HA and disaster recovery DR in one solution and reuses capital investments to achieve a range of recovery and management options that are transparent to host operations This book describes how you can use HyperSwap with VMware to create an environment that can withstand robust workloads   **IBM XIV Storage System Business Continuity Functions** Bertrand Dufrasne,Christian Burns,Wenzel Kalabza,Sandor Lengyel,Patrick Schill,Christian Schoessler,IBM Redbooks,2018-08-07 The IBM XIV Storage System has a rich set of copy functions suited for various data protection scenarios that enable you to enhance your business continuance disaster recovery data migration and online backup solutions These functions allow point in time copies known as snapshots and full volume copies and also include remote copy capabilities in either synchronous or asynchronous mode A three site mirroring function is now available to further improve availability and disaster recovery capabilities These functions are included in the XIV software and all their features are available at no extra charge The various copy functions are reviewed in separate chapters which include detailed information about usage and practical illustrations The book also illustrates the use of IBM Tivoli Storage Productivity Center for Replication to manage XIV Copy Services This IBM Redbooks publication is intended for anyone who needs a detailed and practical understanding of the XIV copy functions   **IBM SAN Solution Design Best Practices for VMware vSphere ESXi** Jon Tate,Richard Kelley,Scheila Rossana Rinaldo Maliska,Leandro Torolho,Michael Voigt,IBM Redbooks,2013-09-16 In

this IBM Redbooks publication we describe recommendations based on an IBM b type storage area network SAN environment that is utilizing VMware vSphere ESXi We describe the hardware and software and the unique features that they bring to the marketplace We then highlight those features and how they apply to the SAN environment and the best practices for ensuring that you get the best out of your SAN For background reading we recommend the following Redbooks publications Introduction to Storage Area Networks and System Networking SG24 5470 IBM System Storage SAN Volume Controller Best Practices and Performance Guidelines SG24 7521 IBM System Storage SAN Volume Controller and Storwize V7000 Replication Family Services SG24 7574 Implementing the IBM System Storage SAN Volume Controller V6 3 SG24 7933 IBM SAN Volume Controller Stretched Cluster with PowerVM and PowerHA SG24 8142 Implementing the IBM SAN Volume Controller and FlashSystem 820 SG24 8172 IBM System Storage DS8000 Copy Services for Open Systems SG24 6788 IBM System Storage DS8000 Host Attachment and Interoperability SG24 8887 This book is aimed at pre and post sales support system administrators and storage administrators **IBM SONAS Best Practices** Megan Gilge,Balazs Benyovszky,David Denny,Mary Lovelace,Bill Marshall,Gabor Penzes,Ravikumar Ramaswamy,Joe Roa,John Sing,John Tarella,Michael Taylor,Shradha Nayak Thakare,IBM Redbooks,2015-09-25 As IBM Scale Out Network Attached Storage SONAS is adopted it is important to provide information about planning installation and daily administration This IBM Redbooks publication also describes leading tuning practices information gained by those who implement and support SONAS These preferred practices are based on hands on experience from the field Monitoring of the SONAS system is included This IBM Redbooks publication provides information about IBM SONAS features and function at the 1 5 1 level This book is the companion to the IBM SONAS Implementation Guide SG24 7962 IBM Redbooks publication It is intended for readers who have implemented SONAS and are responsible for daily administration and monitoring **PowerHA SystemMirror for IBM i Cookbook** Hernando Bedoya,Abdel Ali-Darwish,Ingo Dimmer,Sabine Jordan,KyoSeok Kim,Akinori Mogi,Nandoo Neerukonda,Tomasz Piela,Marc Rauzier,IBM Redbooks,2015-12-30 IBM PowerHATM SystemMirror for i is the IBM high availability disk based clustering solution for the IBM i 7 1 operating system When combined with IBM i clustering technology PowerHA for i delivers a complete high availability and disaster recovery solution for your business applications running in the IBM System i environment PowerHA for i enables you to support high availability capabilities with either native disk storage or IBM DS8000 or DS6000TM storage servers or IBM Storwize V7000 and SAN Volume Controllers The latest release of IBM PowerHA SystemMirror for i delivers a brand new web based PowerHA graphical user interface that effectively combines the solution based and task based activities for your HA environment all in a single user interface This IBM Redbooks publication provides a broad understanding of PowerHA for i This book is intended for all IBM i professionals who are planning on implementing a PowerHA solution on IBM i **IBM Hyper-Scale in XIV Storage** Bertrand Dufrasne,Christian Burns,Wenzel Kalabza,Sandor Lengyel,Patrick Schill,Christian Schoessler,IBM Redbooks,2014-11-24

Organizations are struggling with an unprecedented surge in data both user created and machine created With an increasing reliance on this rapidly growing data effective scaling of data storage represents a key challenge for all enterprises IBM Hyper Scale helps you easily overcome provisioning scenarios that normally challenge traditional systems IBM Hyper Scale can accommodate several critical client scenarios for centralized administration data mobility load balancing over provisioning and storage system repurposing IBM Hyper Scale introduces the following major concepts and technologies with the IBM XIV Storage System Gen3 models IBM Hyper Scale Manager is a flexible consolidated multi system management application that builds upon the originally released Multi System Manager with XIV Storage Software V11 2 IBM Hyper Scale Manager is based on and seamlessly integrated with the XIV graphical user interface GUI and spans multiple XIV systems It virtually transforms multiple systems into a single system allowing customers to centrally manage up to 144 XIV systems IBM Hyper Scale Mobility was released with XIV Storage System V11 3 It is a powerful function for moving volumes between storage containers transparently with no disruption to host applications IBM Hyper Scale Consistency was released with the IBM XIV Storage Software Version 11 4 It offers cross system consistency enabling coordinated snapshots across independent XIV systems It helps to ensure data protection across multiple XIV systems This IBM RedpaperTM publication provides a broad understanding of the IBM Hyper Scale feature This publication is intended for XIV clients and users who want a practical understanding of IBM Hyper Scale concepts and usage For information about the IBM Hyper Scale concepts refer to the IBM white paper IBM Hyper Scale and Its Implementation in XIV Storage A powerful new approach to scaling storage management **IBM Private, Public, and Hybrid Cloud Storage Solutions** Larry Coyne,Joe Dain,Eric Forestier,Patrizia Guaitani,Robert Haas,Christopher D. Maestas,Antoine Maille,Tony Pearson,Brian Sherman,Christopher Vollmar,IBM Redbooks,2018-11-27 This IBM RedpaperTM publication takes you on a journey that surveys cloud computing to answer several fundamental questions about storage cloud technology What are storage clouds How can a storage cloud help solve your current and future data storage business requirements What can IBM do to help you implement a storage cloud solution that addresses these needs This paper shows how IBM storage clouds use the extensive cloud computing experience services proven technologies and products of IBM to support a smart storage cloud solution designed for your storage optimization efforts Clients face many common storage challenges and some have variations that make them unique It describes various successful client storage cloud implementations and the options that are available to meet your current needs and position you to avoid storage issues in the future IBM CloudTM Services IBM Cloud Managed Services and IBM SoftLayer are highlighted as well as the contributions of IBM to OpenStack cloud storage This paper is intended for anyone who wants to learn about storage clouds and how IBM addresses data storage challenges with smart storage cloud solutions It is suitable for IBM clients storage solution integrators and IBM specialist sales representatives *Storage and Network Convergence Using FCoE and iSCSI* Sangam Racherla,Silvio Erdenberger,Harish Rajagopal,Kai

Ruth,IBM Redbooks,2014-07-18 Along with servers and networking infrastructure networked storage is one of the fundamental components of a modern data center Because storage networking has evolved over the past two decades the industry has settled on the basic storage networking technologies These technologies are Fibre Channel FC storage area networks SANs Internet Small Computer System Interface iSCSI based Ethernet attachment and Ethernet based network attached storage NAS Today lossless low latency high speed FC SANs are viewed as the high performance option for networked storage iSCSI and NAS are viewed as lower cost lower performance technologies The advent of the 100 Gbps Ethernet and Data Center Bridging DCB standards for lossless Ethernet give Ethernet technology many of the desirable characteristics that make FC the preferred storage networking technology These characteristics include comparable speed low latency and lossless behavior Coupled with an ongoing industry drive toward better asset utilization and lower total cost of ownership these advances open the door for organizations to consider consolidating and converging their networked storage infrastructures with their Ethernet data networks Fibre Channel over Ethernet FCoE is one approach to this convergence but 10 Gbps enabled iSCSI also offers compelling options for many organizations with the hope that their performance can now rival that of FC This IBM Redbooks publication is written for experienced systems storage and network administrators who want to integrate the IBM System Networking and Storage technology successfully into new and existing networks This book provides an overview of today s options for storage networking convergence It reviews the technology background for each of these options and then examines detailed scenarios for them by using IBM and IBM Business Partner convergence products *IBM XIV Storage System Architecture and Implementation* Bertrand Dufrasne,Roger Eriksson,Lisa Martinez,Wenzel Kalabza s,IBM Redbooks,2017-11-03 Not a new version included warning for self signed X509 certificates see section 5 2 This IBM Redbooks publication describes the concepts architecture and implementation of the IBM XIV Storage System The XIV Storage System is a scalable enterprise storage system that is based on a grid array of hardware components It can attach to both Fibre Channel Protocol FCP and IP network Small Computer System Interface iSCSI capable hosts This system is a good fit for clients who want to be able to grow capacity without managing multiple tiers of storage The XIV Storage System is suited for mixed or random access workloads including online transaction processing video streamings images email and emerging workload areas such as Web 2 0 and cloud storage The focus of this edition is on the XIV Gen3 running Version 11 5 x of the XIV system software which brings enhanced value for the XIV Storage System in cloud environments It offers multitenancy support VMware vCloud Suite integration more discrete performance classes and RESTful API enhancements that expand cloud automation integration Version 11 5 introduces support for three site mirroring to provide high availability and disaster recovery It also enables capacity planning through the Hyper Scale Manager mobile push notifications for real time alerts and enhanced security Version 11 5 1 supports 6TB drives and VMware vSphere Virtual Volumes VVOL In the first few chapters of this book we describe many of the unique and powerful

concepts that form the basis of the XIV Storage System logical and physical architecture We explain how the system eliminates direct dependencies between the hardware elements and the software that governs the system In subsequent chapters we explain the planning and preparation tasks that are required to deploy the system in your environment by using the intuitive yet powerful XIV Storage Manager GUI or the XIV command line interface We also describe the performance characteristics of the XIV Storage System and present options for alerting and monitoring including enhanced secure remote support This book is for IT professionals who want an understanding of the XIV Storage System It is also for readers who need detailed advice on how to configure and use the system **IBM Software-Defined Storage Guide** Larry Coyne,Joe Dain,Eric Forestier,Patrizia Guaitani,Robert Haas,Christopher D. Maestas,Antoine Maille,Tony Pearson,Brian Sherman,Christopher Vollmar,IBM Redbooks,2018-07-21 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 RedpaperTM 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 Implementing Systems Management of IBM PureFlex System Ilya Krutov,Carl Gola,Jeff Schoby,IBM Redbooks,2014-04-22 To meet today s complex and ever changing business demands you need a solid foundation of compute storage networking and software resources This system must be simple to deploy and be able to quickly and automatically adapt to changing conditions You also need to be able to take advantage of broad expertise and proven guidelines in systems management applications industry solutions and more IBM PureFlex System combines no compromise system designs along with built in expertise and integrates them into complete optimized scalable solutions With IBM Flex System Manager multiple solution components that include compute nodes network and storage infrastructures storage systems and heterogeneous virtualization environments can be managed from a single panel This IBM Redbooks publication introduces IBM PureFlex System and IBM Flex System and their management devices and appliances It provides implementation guidelines for managing Linux kernel based virtual machine KVM IBM PowerVM VMware vSphere and Microsoft Hyper V virtualization environments This book is intended for the IT community of clients IBM Business Partners

and IBM employees who are interested in planning and implementing systems management of the IBM PureFlex System

IBM PureFlex System Solutions for Managed Service Providers Ilya Krutov,IBM Redbooks,2013-02-28 Organizations are looking for ways to get more out of their already strained IT infrastructure as they face new technological and economic pressures They are also trying to satisfy a broad set of users internal and external to the enterprise who demand improvements in their quality of service QoS regardless of increases in the number of users and applications Cloud computing offers attractive opportunities to reduce costs accelerate development and increase the flexibility of the IT infrastructure applications and services Infrastructure as a service IaaS is the typical starting point for most organizations when moving to a cloud computing environment IaaS can be used for the delivery of resources such as compute storage and network services through a self service portal With IaaS IT services are delivered as a subscription service eliminating up front costs and driving down ongoing support costs Businesses can improve their competitive position by moving to these cloud based technologies This IBM RedpaperTM discusses IBM solutions for managed service providers MSPs This paper is for IT professionals who are involved in managed and cloud services solution planning   IT Modernization using Catalogic ECX Copy Data Management and IBM Spectrum Storage Jon Tate,Christian Burns,Kamlesh Lad,Prashant Jagannathan,Peter Eicher,IBM Redbooks,2016-04-05 Data is the currency of the new economy and organizations are increasingly tasked with finding better ways to protect recover access share and use data Traditional storage technologies are being stretched to the breaking point This challenge is not because of storage hardware performance but because management tools and techniques have not kept pace with new requirements Primary data growth rates of 35% to 50% annually only amplify the problem Organizations of all sizes find themselves needing to modernize their IT processes to enable critical new use cases such as storage self service Development and Operations DevOps and integration of data centers with the Cloud They are equally challenged with improving management efficiencies for long established IT processes such as data protection disaster recovery reporting and business analytics Access to copies of data is the one common feature of all these use cases However the slow manual processes common to IT organizations including a heavy reliance on labor intensive scripting and disparate tool sets are no longer able to deliver the speed and agility required in today s fast paced world Copy Data Management CDM is an IT modernization technology that focuses on using existing data in a manner that is efficient automated scalable and easy to use delivering the data access that is urgently needed to meet the new use cases Catalogic ECX with IBM storage provides in place copy data management that modernizes IT processes enables key use cases and does it all within existing infrastructure This IBM Redbooks publication shows how Catalogic Software and IBM have partnered together to create an integrated solution that addresses today s IT environment

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