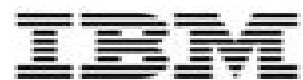IBM Storwize V7000 Unified

Model 2073-720 Quick Installation Guide

IBM

V7000 Quick Installation Guide

Sangam Racherla,Silvio Erdenberger,Harish Rajagopal,Kai Ruth,IBM Redbooks

V7000 Quick Installation Guide:

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

SAN Boot Implementation and Best Practices Guide for IBM System Storage Sangam Racherla,Delmar Demarchi,Scott Dybas,Bobby Stark,Mansoor Syed,IBM Redbooks,2012-09-30 Booting servers from a storage area network SAN is being used increasingly in complex data center environments today due to its significant benefits over the traditional method of booting from local disks SAN Boot enables organizations to maximize consolidation of their IT resources minimize their equipment costs and realize the considerable management benefits of centralizing the boot process In SAN Boot you can deploy diskless servers in an environment where the boot disk is located on often RAID capable storage connected to the SAN The server initiator communicates with the storage device target through the SAN using the Fibre Channel host bus adapter HBA The system downtime is greatly minimized in case a critical component such as a processor memory or host bus adapter fails and needs to be replaced The system administrator needs to swap only the hardware and reconfigure the HBA s BIOS switch zoning and host port definitions on the storage server The system image still exists on the logical drive therefore the server is fully operational after the hardware swap and configuration change is completed This IBM Redbooks publication can help you with the SAN Boot implementation We present various SAN Boot scenarios using IBM System Storage products that include DS5000 DS8000 XIV and SVC The operating systems that are covered include Windows 2008 Red Hat Linux SUSE Linux and VMware *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   IBM SONAS Implementation Guide Megan Gilge,Marcos Figueiredo Jr,Daesung Kim,Mary Lovelace,Bill Marshall,Gabor Penzes,Ravikumar Ramaswamy,Joa Roa,John Tarella,Michael Taylor,Shradha Nayak Thakare,IBM Redbooks,2015-06-26 IBM Scale Out Network Attached Storage SONAS is a scale out network attached storage offering that is designed to manage vast repositories of information in enterprise environments that require large capacities high levels of performance and high availability SONAS provides a range of reliable scalable storage solutions for various storage requirements These capabilities are achieved by using network access protocols such as Network File System NFS Common Internet File System CIFS Hypertext Transfer Protocol Secure HTTPS File Transfer Protocol FTP and Secure Copy Protocol SCP Using built in RAID technologies all data is well protected with options to add more protection through mirroring replication snapshots and backup These storage systems are also characterized by simple management interfaces that make installation administration and troubleshooting uncomplicated and straightforward This IBM Redbooks publication is the companion to IBM SONAS Best Practices SG24 8051 It is intended for storage administrators who have ordered their SONAS solution and are ready to install customize and use it It provides backup and availability scenarios information about configuration and troubleshooting This book applies to IBM SONAS Version 1 5 5 It is useful for earlier releases of IBM SONAS as well   **IBM System Storage DS5000 Series Implementation and Best Practices Guide** Sangam Racherla,Matus Butora,Antonio Dell'Apa,Mario Ganem,Corne Lottering,Libor Miklas,Hrvoje Stanilovic,Alexander Watson,IBM Redbooks,2012-12-21 This IBM Redbooks publication represents a compilation of best practices for deploying and configuring the IBM System Storage DS5000 Series family of products This book is intended for IBM technical professionals Business Partners and customers responsible for the planning deployment and maintenance of the IBM System Storage DS5000 Series family of products We realize that setting up DS5000 Storage Servers can be a complex task There is no single configuration that will be satisfactory for every application or situation First we provide a conceptual framework for understanding the hardware in a Storage Area Network Then we offer our guidelines hints and tips for the physical installation cabling and zoning using the Storage Manager setup tasks Next we provide a quick guide to help you install and configure the DS5000 using best practices After that we turn our attention to the performance and tuning of various components and features including numerous guidelines We look at performance implications for various application

products such as IBM DB2 Oracle IBM Tivoli Storage Manager Microsoft SQL server and in particular Microsoft Exchange server Then we review the various tools available to simulate workloads and to measure collect and analyze performance data We also consider the IBM AIX environment including IBM High Availability Cluster Multiprocessing HACMPTM and IBM General Parallel File System GPFSTM This edition of the book also includes guidelines for managing and using the DS5000 with the IBM System Storage SAN Volume Controller SVC and IBM Storwize V7000 **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 IBM Flex System p270 Compute Node Planning and Implementation Guide David Watts,Kerry Anders,Simon Casey,Fabien Willmann,IBM Redbooks,2014-01-07 To meet today s complex and ever changing business demands you need a solid foundation of compute storage networking and software resources that is simple to deploy and can quickly and automatically adapt to changing conditions You also need to make full use of broad expertise and proven preferred practices in systems management applications hardware maintenance and more The IBM Flex System p270 Compute Node is an IBM Power SystemsTM server that is based on the new dual chip module POWER7 TM processor and is optimized for virtualization performance and efficiency The server supports IBM AIX IBM i or Linux operating environments and is designed to run various workloads in IBM PureFlexTM System The p270 Compute Node is a follow on to the IBM Flex SystemTM p260 Compute Node This IBM Redbooks publication is a comprehensive guide to the p270 Compute Node We introduce the related Flex System offerings and describe the compute node in detail We then describe planning and implementation steps including converged networking management virtualization and operating system installation This book is for customers IBM Business Partners and IBM technical specialists who want to understand the new offerings and plan and implement an IBM Flex System

installation that involves the Power Systems compute nodes   *IBM Tivoli Storage Productivity Center V5.1 Technical Guide* Mary Lovelace,Mark Blunden,Daniel Frueh,Curtis Neal,Danijel Paulin,Christian Sonder,Markus Standau,IBM Redbooks,2014-04-08 IBM Tivoli Storage Productivity Center V5 1 products offer storage infrastructure management that helps optimize storage management by centralizing simplifying automating and optimizing storage tasks associated with storage systems data disaster recovery storage networks and capacity management IBM Tivoli Storage Productivity Center V5 1 products include IBM Tivoli Storage Productivity Center V5 1 IBM Tivoli Storage Productivity Center Select Edition V5 1 Tivoli Storage Productivity Center V5 1 is designed to provide device management capabilities such as automated system discovery provisioning data replication configuration and performance monitoring for storage systems and storage networks Tivoli Storage Productivity Center Select Edition V5 1 offers the same features as Tivoli Storage Productivity Center V5 1 but at attractive entry level pricing for operations with smaller capacities It is licensed per storage device such as disk controllers and their respective expansion units This IBM Redbooks publication is intended for storage administrators and users who are installing and using the features and functions in IBM Tivoli Storage Productivity Center V5 1 The information in this book can be used to plan for install and customize the components of Tivoli Storage Productivity Center in your storage infrastructure   **IBM PowerHA SystemMirror V7.2.1 for IBM AIX Updates** Dino Quintero,Shawn Bodily,Bernhard Buehler,Bunphot Chuprasertsuk,Bing He,Maria-Katharina Esser,Fabio Martins,Matthew W Radford,Anthony Steel,IBM Redbooks,2019-03-13 This IBM Redbooks publication helps strengthen the position of the IBM PowerHA SystemMirror solution with a well defined and documented deployment models within an IBM Power SystemsTM virtualized environment which provides customers with a planned foundation for business resilience and disaster recovery for their IBM Power Systems infrastructure solutions This publication addresses topics to help meet customers complex high availability and disaster recovery requirements on IBM Power Systems servers to help maximize their systems availability and resources and provide technical documentation to transfer the how to skills to users and support teams This book is targeted at technical professionals consultants technical support staff IT Architects and IT Specialists who are responsible for providing high availability and disaster recovery solutions and support with IBM PowerHA SystemMirror Standard and Enterprise Editions on IBM Power Systems servers   <u>IBM Tivoli Storage Productivity Center V5.2 Release Guide</u> Karen Orlando,Paolo D'Angelo,Brian De Guia,Mary Lovelace,Curtis Neal,Christian Sonder,Markus Standau,IBM Redbooks,2014-10-19 IBM Tivoli Storage Productivity Center V5 2 is a feature rich storage management software suite The integrated suite provides detailed monitoring reporting and management within a single console In addition implementing the IBM SmartCloud Virtual Storage Center VSC license with Tivoli Storage Productivity Center addresses new workloads that require massive scale and rapid pace and accelerates business insight by adding advanced analytics functions such as storage optimization provisioning and transformation This IBM Redbooks publication is intended for storage administrators and users who are installing and using

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semantic data and data generated by social networks Celko will help you understand variety as well as the alternative storage query and management frameworks needed by certain kinds of data Gain a complete understanding of the situations in which SQL has more drawbacks than benefits so that you can better determine when to utilize NoSQL technologies for maximum benefit Recognize the pros and cons of columnar streaming and graph databases Make the transition to NoSQL with the expert guidance of best selling SQL expert Joe Celko **IBM PowerHA SystemMirror V7.2.3 for IBM AIX and V7.22 for Linux** Dino Quintero,Jose Martin Abeleira,Adriano Almeida,Bernhard Buehler,Primitivo Cervantes,Stuart Cunliffe,Jes Kiran,Byron Martinez Martinez,Antony Steel,Oscar Humberto Torres,Stefan Velica,IBM Redbooks,2020-04-16 This IBM Redbooks publication helps strengthen the position of the IBM PowerHA SystemMirror for Linux solution with well defined and documented deployment models within an IBM Power SystemsTM environment which provides customers a planned foundation for business resilience and disaster recovery DR for their IBM Power Systems infrastructure solutions This book addresses topics to help answer customers complex high availability HA and DR requirements for IBM AIX and Linux on IBM Power Systems servers to help maximize system availability and resources and provide technical documentation to transfer the how to skills to users and support teams This publication is targeted at technical professionals consultants technical support staff IT architects and IT specialists who are responsible for providing HA and DR solutions and support for IBM PowerHA SystemMirror for AIX and Linux Standard and Enterprise Editions on IBM Power Systems servers

Implementing IBM FlashSystem 900 Model AE3 Detlef Helmbrecht,Jim Cioffi,David Gimpl,Jon Herd,Christian Karpp,Katja Kratt,Eike Schenk,IBM Redbooks,2019-04-12 Today s global organizations depend on being able to unlock business insights from massive volumes of data Now with IBM FlashSystem 900 Model AE3 that is powered by IBM FlashCore technology they can make faster decisions that are based on real time insights They also can unleash the power of the most demanding applications including online transaction processing OLTP and analytics databases virtual desktop infrastructures VDIs technical computing applications and cloud environments This IBM Redbooks publication introduces clients to the IBM FlashSystem 900 Model AE3 It provides in depth knowledge of the product architecture software and hardware implementation and hints and tips Also presented are use cases that show real world solutions for tiering flash only and preferred read Examples of the benefits that are gained by integrating the FlashSystem storage into business environments also are described This book is intended for pre sales and post sales technical support professionals and storage administrators and anyone who wants to understand how to implement this new and exciting technology

VersaStack Solution by Cisco and IBM with SQL, Spectrum Control, and Spectrum Protect Jon Tate,Vadi Bhatt,Sanjeev Naldurgkar,Filip Van Den Neucker,Asher Pemberton,IBM Redbooks,2015-10-26 Dynamic organizations want to accelerate growth while reducing costs To do so they must speed the deployment of business applications and adapt quickly to any changes in priorities Organizations today require an IT infrastructure to be easy efficient and versatile The VersaStack

solution by Cisco and IBM can help you accelerate the deployment of your data centers It reduces costs by more efficiently managing information and resources while maintaining your ability to adapt to business change The VersaStack solution combines the innovation of Cisco UCS Integrated Infrastructure with the efficiency of the IBM Storwize storage system The Cisco UCS Integrated Infrastructure includes the Cisco Unified Computing System Cisco UCS Cisco Nexus and Cisco MDS switches and Cisco UCS Director The IBM Storwize V7000 enhances virtual environments with its Data Virtualization IBM Real time CompressionTM and IBM Easy Tier features These features deliver extraordinary levels of performance and efficiency The VersaStack solution is Cisco Application Centric Infrastructure ACI ready Your IT team can build deploy secure and maintain applications through a more agile framework Cisco Intercloud Fabric capabilities help enable the creation of open and highly secure solutions for the hybrid cloud These solutions accelerate your IT transformation while delivering dramatic improvements in operational efficiency and simplicity Cisco and IBM are global leaders in the IT industry The VersaStack solution gives you the opportunity to take advantage of integrated infrastructure solutions that are targeted at enterprise applications analytics and cloud solutions The VersaStack solution is backed by Cisco Validated Designs CVD to provide faster delivery of applications greater IT efficiency and less risk This IBM Redbooks publication is aimed at experienced storage administrators that are tasked with deploying a VersaStack solution with Microsoft Sequel SQL IBM SpectrumTM Protect and IBM Spectrum ControlTM   **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 **Implementing IBM FlashSystem V9000 - AC3 with Flash Enclosure Model AE3** Detlef Helmbrecht,James Cioffi,Jon Herd,Jeffrey Irving,Christian Karpp,Volker Kiemes,Carsten Larsen,Adrian Orban,IBM Redbooks,2019-03-25 Updated March 2019 See Appendix B IBM FlashSystem V9000 FlashCore Forever The success or failure of businesses often depends on how well organizations use their data assets for competitive advantage Deeper insights from data require better information technology As organizations modernize their IT infrastructure to boost innovation rather than limit it they need a data storage system that can keep pace with several areas that affect your business Highly virtualized environments Cloud computing Mobile and social systems of engagement In depth real time analytics Making the correct decision on storage investment is critical Organizations must have enough storage performance and agility to innovate when they need to implement cloud based IT services deploy virtual desktop infrastructure enhance fraud detection and use new analytics capabilities At the same time future storage investments must lower IT infrastructure costs while helping organizations to derive the greatest possible value from their data assets The IBM FlashSystem V9000 is the premier fully integrated Tier 1 all flash offering from IBM It has changed the economics of today s data center by eliminating storage bottlenecks Its software defined storage features simplify data management improve data security and preserve your investments in storage The IBM FlashSystem V9000 SAS expansion enclosures provide new tiering options with read intensive SSDs or nearline SAS HDDs IBM FlashSystem V9000 includes IBM FlashCore technology and advanced software defined storage available in one solution in a compact 6U form factor IBM FlashSystem V9000 improves business application availability It delivers greater resource utilization so you can get the most from your storage resources and achieve a simpler more scalable and cost efficient IT Infrastructure This IBM Redbooks publication provides information about IBM FlashSystem V9000 Software V8 1 It describes the core product architecture software hardware and implementation and provides hints and tips The underlying basic hardware and software architecture and features of the IBM FlashSystem V9000 AC3 control enclosure and on IBM Spectrum Virtualize 8 1 software are described in these publications Implementing IBM FlashSystem 900 Model AE3 SG24 8414 Implementing the IBM System Storage SAN Volume Controller V7 4 SG24 7933 Using IBM FlashSystem V9000 software functions management tools and interoperability combines the performance of IBM FlashSystem architecture with the advanced functions of software defined storage to deliver performance efficiency and functions that meet the needs of enterprise workloads that demand IBM MicroLatency response time This book offers IBM FlashSystem V9000 scalability concepts and guidelines for planning installing and configuring which can help environments scale up and out to add more flash capacity and expand virtualized systems Port utilization methodologies are provided to help you maximize the full potential of IBM FlashSystem V9000 performance and low latency in your scalable environment This book is intended for pre

sales and post sales technical support professionals storage administrators and anyone who wants to understand how to implement this exciting technology *IBM SmartCloud Virtual Storage Center* Karen Orlando,Joseph Gatti,Joao Marcos Leite,Thirumalainambi Murugesh,Danijel Paulin,Socheat Sou,IBM Redbooks,2015-03-06 IBM SmartCloud Virtual Storage Center provides efficient virtualization and management of heterogeneous storage systems It facilitates migration to an agile cloud architecture that can optimize storage availability and performance while helping to reduce costs IBM SmartCloud Virtual Storage Center VSC helps convert existing storage to IBM Smarter Storage providing more room for data growth and simplified storage administration This IBM Redbooks publication gives an overview of the concepts of software defined environment SDE and software defined storage SDS and how they work together with VSC It explores the architecture components and interfaces providing details of VSC and how to use it It also includes practical scenarios and use cases helpful for client VSC business environments with a focus on the following topics Introductory concepts VSC components and available integrations Storage management component of VSC Storage virtualization component of VSC Application aware data protection component of VSC VSC storage provisioning VSC storage optimization This book is primarily for storage administrators users who are responsible for maintaining IT and business infrastructures and anyone who wants to learn more about IBM SmartCloud Virtual Storage Center <u>Introducing and Implementing IBM FlashSystem V9000</u> Christophe Fagiano,Detlef Helmbrecht,Jon Herd,Jeffrey Irving,Jana Jamsek,Carsten Larsen,Renato Santos,James Thompson,IBM Redbooks,2016-12-28 The success or failure of businesses often depends on how well organizations use their data assets for competitive advantage Deeper insights from data require better information technology As organizations modernize their IT infrastructure to boost innovation rather than limit it they need a data storage system that can keep pace with highly virtualized environments cloud computing mobile and social systems of engagement and in depth real time analytics Making the correct decision on storage investment is critical Organizations must have enough storage performance and agility to innovate as they need to implement cloud based IT services deploy virtual desktop infrastructure enhance fraud detection and use new analytics capabilities At the same time future storage investments must lower IT infrastructure costs while helping organizations to derive the greatest possible value from their data assets The IBM FlashSystem V9000 is the premier fully integrated Tier 1 all flash offering from IBM It has changed the economics of today s data center by eliminating storage bottlenecks Its software defined storage features simplify data management improve data security and preserve your investments in storage The IBM FlashSystem V9000 SAS expansion enclosures provide new tiering options with read intensive SSDs or nearline SAS HDDs IBM FlashSystem V9000 includes IBM FlashCore technology and advanced software defined storage available in one solution in a compact 6U form factor IBM FlashSystem V9000 improves business application availability It delivers greater resource utilization so you can get the most from your storage resources and achieve a simpler more scalable and cost efficient IT Infrastructure This IBM Redbooks publication provides information about IBM

FlashSystem V9000 Software V7 7 and introduces the recently announced V7 8 It describes the product architecture software hardware and implementation and provides hints and tips It illustrates use cases and independent software vendor ISV scenarios that demonstrate real world solutions and also provides examples of the benefits gained by integrating the IBM FlashSystem storage into business environments This book offers IBM FlashSystem V9000 scalability concepts and guidelines for planning installing and configuring which can help environments scale up and out to add more flash capacity and expand virtualized systems Port utilization methodologies are provided to help you maximize the full potential of IBM FlashSystem V9000 performance and low latency in your scalable environment This book is intended for pre sales and post sales technical support professionals storage administrators and anyone who wants to understand how to implement this exciting technology **Implementing IBM Spectrum Virtualize for Public Cloud Version 8.3** Angelo Bernasconi,Eric Goodall,Jackson Shea,Jimmy John,Jordan Fincher,Nicolo Lorenzoni,Pierluigi Buratti,Vasfi Gucer,IBM Redbooks,2020-05-11 IBM Spectrum Virtualize is a key member of the IBM SpectrumTM 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 VirtualizeTM for Public Cloud provides the IBM Spectrum Virtualize functionality in IBM CloudTM This new capability provides a monthly license to deploy and use 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 RedpaperTM publication gives a broad understanding of IBM Spectrum Virtualize for Public Cloud architecture and provides planning and implementation details of the common use cases for this product This publication helps storage and networking administrators plan and implement install tailor and configure 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 Implementation guide for IBM Spectrum Virtualize for Public Cloud on AWS REDP 5534

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V7000 Quick Installation Guide Introduction

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