

Tekline Universal Media Player 102 Build 2

Scott Vetter,An Ding Chen,Carlo Costantini,James Cruickshank,Dave Freeman,Volker Haug,Breno Henrique Leitao,Cesar Diniz Maciel,John T Schmidt,IBM Redbooks

IBM Power E1080 Technical Overview and Introduction Scott Vetter, Giuliano Anselmi, Manish Arora, Ivaylo Bozhinov, Dinil Das, Turgut Genc, Bartłomiej Grabowski, Madison Lee, Armin Röhl, IBM Redbooks, 2022-12-01 This IBM® Redpaper® publication provides a broad understanding of a new architecture of the IBM Power® E1080 (also known as the Power E1080) server that supports IBM AIX®, IBM i, and selected distributions of Linux operating systems. The objective of this paper is to introduce the Power E1080, the most powerful and scalable server of the IBM Power portfolio, and its offerings and relevant functions: Designed to support up to four system nodes and up to 240 IBM Power10™ processor cores The Power E1080 can be initially ordered with a single system node or two system nodes configuration, which provides up to 60 Power10 processor cores with a single node configuration or up to 120 Power10 processor cores with a two system nodes configuration. More support for a three or four system nodes configuration is to be added on December 10, 2021, which provides support for up to 240 Power10 processor cores with a full combined four system nodes server. Designed to support up to 64 TB memory The Power E1080 can be initially ordered with the total memory RAM capacity up to 8 TB. More support is to be added on December 10, 2021 to support up to 64 TB in a full combined four system nodes server. Designed to support up to 32 Peripheral Component Interconnect® (PCIe) Gen 5 slots in a full combined four system nodes server and up to 192 PCIe Gen 3 slots with expansion I/O drawers The Power E1080 supports initially a maximum of two system nodes; therefore, up to 16 PCIe Gen 5 slots, and up to 96 PCIe Gen 3 slots with expansion I/O drawer. More support is to be added on December 10, 2021, to support up to 192 PCIe Gen 3 slots with expansion I/O drawers. Up to over 4,000 directly attached serial-attached SCSI (SAS) disks or solid-state drives (SSDs) Up to 1,000 virtual machines (VMs) with logical partitions (LPARs) per system System control unit, providing redundant system master Flexible Service Processor (FSP) Supports IBM Power System Private Cloud Solution with Dynamic Capacity This publication is for professionals who want to acquire a better understanding of Power servers. The intended audience includes the following roles: Customers Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors (ISVs) This paper does not replace the current marketing materials and configuration tools. It is intended as an extra source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

IBM Power Systems SR-IOV: Technical Overview and Introduction Scott Vetter, Shivaji D Bhosale, Alexandre Bicas Caldeira, Bartłomiej Grabowski, Chuck Graham, Alexander D Hames, Volker Haug, Marc-Eric Kahle, Cesar Diniz Maciel, Manjunath N Mangalur, Monica Sanchez, IBM Redbooks, 2017-01-12 This IBM® Redpaper™ publication describes the adapter-based virtualization capabilities that are being deployed in high-end IBM POWER7+™ processor-based servers. Peripheral Component Interconnect Express (PCIe) single root I/O virtualization (SR-IOV) is a virtualization technology on IBM Power Systems servers. SR-IOV allows multiple logical partitions (LPARs) to share a PCIe adapter with little or no run time involvement of a hypervisor or other virtualization intermediary. SR-IOV does not replace the existing virtualization capabilities that are offered as part of the IBM PowerVM® offerings. Rather, SR-IOV compliments them with additional capabilities. This paper describes many aspects of the SR-IOV technology, including: A comparison of SR-IOV with standard virtualization technology Overall benefits of SR-IOV Architectural overview of SR-IOV Planning requirements SR-IOV deployment models that use standard I/O virtualization Configuring the adapter for dedicated or shared modes Tips for maintaining and troubleshooting your system Scenarios for configuring your system This paper is directed to clients, IBM Business Partners, and system administrators who are involved with planning, deploying, configuring, and maintaining key virtualization technologies.

IBM Power System S822 Technical Overview and Introduction Scott Vetter, Alexandre Bicas Caldeira, Bartłomiej Grabowski, Volker Haug, Marc-Eric Kahle, Cesar Diniz Maciel, Monica Sanchez, IBM Redbooks, 2020-10-30 This IBM® Redpaper™ publication is a comprehensive guide covering the IBM Power System S822 (8284-22A) server that supports the IBM AIX® and Linux operating systems (OSes) running on bare metal, and the IBM i OS running under the VIOS. The objective of this paper is to introduce the major innovative Power S822 offerings and their relevant functions: The new IBM POWER8™ processor, which is available at frequencies of 3.42 GHz, and 3.89 GHz Significantly strengthened cores and larger caches Two integrated memory controllers with improved latency and bandwidth Integrated I/O subsystem and hot-pluggable PCIe Gen3 I/O slots Improved reliability, serviceability, and availability (RAS) functions IBM EnergyScale™ technology that provides features such as power trending, power-saving, capping of power, and thermal measurement This publication is for professionals who want to acquire a better understanding of IBM Power Systems™ products. This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power S822 system. This paper does not replace the latest marketing materials and configuration tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

IBM Power 520 Technical Overview Scott Vetter, Giuliano Anselmi, YoungHoon Cho, Jim Cook, Gregor Linzmeier, Marcos Quezada, John T Schmidt, Guido Somers, IBM Redbooks, 2010-04-02 This IBM Redpaper publication is a comprehensive guide covering the IBM Power 520 server, machine type model 8203-E4A. The goal of this paper is to introduce this innovative server that includes IBM System i and IBM System p and new hardware technologies. The major hardware offerings include: - The POWER6 processor, available at frequencies of 4.2 GHz and 4.7 GHz. - Specialized POWER6 DDR2 memory that provides greater bandwidth, capacity, and reliability. - The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter that brings native hardware virtualization to this server. - EnergyScale technology that provides features such as power trending, power-saving, capping of power, and thermal measurement. - PowerVM virtualization technology. - Mainframe continuous availability brought to the entry server environment. This Redpaper expands the current set of IBM Power System documentation by providing a desktop reference that offers a detailed technical description of the Power 520 system. This Redpaper does not replace the latest marketing materials and tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

An Introduction to z/VM Single System Image (SSI) and Live Guest Relocation (LGR) Lydia Parziale, Anthony Bongiorno, Howard Charter, Jo Johnston, Volker Masen, Clovis Pereira, Sreehari Somasundaran, Srivatsan Venkatesan, IBM Redbooks, 2016-03-31 IBM® z/VM® 6.2 introduces significant changes to z/VM in the form of multi-system clustering technology allowing up to four z/VM instances in a single system image (SSI) cluster. This technology is important, because it offers clients an attractive alternative to vertical growth by adding new z/VM systems. In the past, this capability required duplicate efforts to install, maintain, and manage each system. With SSI, these duplicate efforts are reduced or eliminated. Support for live guest relocation (LGR) allows you to move Linux virtual servers without disruption to the business, helping you to avoid planned outages. The z/VM systems are aware of each other and can take advantage of their combined resources. LGR enables clients to avoid loss of service due to planned outages by relocating guests from a system requiring maintenance to a system that remains active during the maintenance period. Together, the SSI and LGR technologies offer substantial client value, and they are a major departure from past z/VM practices. This IBM Redbooks® publication gives you a broad understanding of the new SSI architecture and an overview of LGR. We show an LGR example that shows a typical SAP user environment. In our example, the SAP Application Server Central Instance resides on a Linux on System z® guest and an IBM DB2® 10 database server runs on z/OS®. This book is written for IT architects, who design the systems, and IT specialists, who build the systems.

Business Process Management Design Guide: Using IBM Business Process Manager Dr. Ali Arsanjani, Nakul Bharade, Magnus Borgenstrand, Philipp Schume, J. Keith Wood, Vyacheslav Zheltonogov, IBM Redbooks, 2015-04-27 IBM® Business Process Manager (IBM BPM) is a comprehensive business process management (BPM) suite that provides visibility and management of your business processes. IBM BPM supports the whole BPM lifecycle approach: Discover and document Plan Implement Deploy Manage Optimize Process owners and business owners can use this solution to engage directly in the improvement of their business processes. IBM BPM excels in integrating role-based process design, and provides a social BPM experience. It enables asset sharing and creating versions through its Process Center. The Process Center acts as a unified repository, making it possible to manage changes to the business processes with confidence. IBM BPM supports a wide range of standards for process modeling and exchange. Built-in analytics and search

capabilities help to further improve and optimize the business processes. This IBM Redbooks® publication provides valuable information for project teams and business people that are involved in projects using IBM BPM. It describes the important design decisions that you face as a team. These decisions invariably have an effect on the success of your project. These decisions range from the more business-centric decisions, such as which should be your first process, to the more technical decisions, such as solution analysis and architectural considerations.

IBM Power 720 and 740 Technical Overview and Introduction Scott Vetter,James Cruickshank,Sorin Hanganu,Volker Haug,Stephen Lutz,John T Schmidt,Marco Vallone,IBM Redbooks,2013-05-16 This IBM® Redpaper™ publication is a comprehensive guide covering the IBM Power 720 and Power 740 servers that support IBM AIX®, IBM i, and Linux operating systems. The goal of this paper is to introduce the innovative Power 720 and Power 740 offerings and their major functions: The IBM POWER7+™ processor is available at frequencies of 3.6 GHz, and 4.2 GHz. The larger IBM POWER7+ Level 3 cache provides greater bandwidth, capacity, and reliability. The 4-port 10/100/1000 Base-TX Ethernet PCI Express adapter is included in base configuration and installed in a PCIe Gen2 x4 slot. The integrated SAS/SATA controller for HDD, SSD, tape, and DVD supports built-in hardware RAID 0, 1, and 10. New IBM PowerVM® V2.2.2 features, such as 20 LPARs per core. The improved IBM Active Memory™ Expansion technology provides more usable memory than is physically installed in the system. High-performance SSD drawer. Professionals who want to acquire a better understanding of IBM Power Systems™ products can benefit from reading this paper. This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power 720 and Power 740 systems. This paper does not replace the latest marketing materials and configuration tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

IBM PowerHA SystemMirror for AIX Cookbook Dino Quintero,Shawn Bodily,Daniel J Martin-Corben,Reshma Prathap,Kulwinder Singh,Ashraf Ali Thajudeen,William Nespoli Zanatta,IBM Redbooks,2015-04-13 This IBM® Redbooks® publication can help you install, tailor, and configure the new IBM PowerHA® Version 7.1.3, and understand new and improved features such as migrations, cluster administration, and advanced topics like configuring in a virtualized environment including workload partitions (WPARs). With this book, you can gain a broad understanding of the IBM PowerHA SystemMirror® architecture. If you plan to install, migrate, or administer a high availability cluster, this book is right for you. This book can help IBM AIX® professionals who seek a comprehensive and task-oriented guide for developing the knowledge and skills required for PowerHA cluster design, implementation, and daily system administration. It provides a combination of theory and practical experience. This book is targeted toward technical professionals (consultants, technical support staff, IT architects, and IT specialists) who are responsible for providing high availability solutions and support with the IBM PowerHA SystemMirror Standard on IBM POWER® systems.

IBM PowerAI: Deep Learning Unleashed on IBM Power Systems Servers Dino Quintero,Bing He,Bruno C. Faria,Alfonso Jara,Chris Parsons,Shota Tsukamoto,Richard Wale,IBM Redbooks,2019-06-05 This IBM® Redbooks® publication is a guide about the IBM PowerAI Deep Learning solution. This book provides an introduction to artificial intelligence (AI) and deep learning (DL), IBM PowerAI, and components of IBM PowerAI, deploying IBM PowerAI, guidelines for working with data and creating models, an introduction to IBM Spectrum™ Conductor Deep Learning Impact (DLI), and case scenarios. IBM PowerAI started as a package of software distributions of many of the major DL software frameworks for model training, such as TensorFlow, Caffe, Torch, Theano, and the associated libraries, such as CUDA Deep Neural Network (cuDNN). The IBM PowerAI software is optimized for performance by using the IBM Power Systems™ servers that are integrated with NVLink. The AI stack foundation starts with servers with accelerators. graphical processing unit (GPU) accelerators are well-suited for the compute-intensive nature of DL training, and servers with the highest CPU to GPU bandwidth, such as IBM Power Systems servers, enable the high-performance data transfer that is required for larger and more complex DL models. This publication targets technical readers, including developers, IT specialists, systems architects, brand specialist, sales team, and anyone looking for a guide about how to understand the IBM PowerAI Deep Learning architecture, framework configuration, application and workload configuration, and user infrastructure.

IBM FileNet Content Manager Implementation Best Practices and Recommendations Fay Chuck,Wei-Dong Zhu,Bert Bukvarevic,Bill Carpenter,Axel Dreher,Ruth Hildebrand-Lund,Elizabeth Koumpan,Sridhar Satuloori,Michael Seaman,Dimitris Tzouvelis,IBM Redbooks,2013-06-07 IBM® FileNet® Content Manager Version 5.2 provides full content lifecycle and extensive document management capabilities for digital content. IBM FileNet Content Manager is tightly integrated with the family of IBM FileNet products based on the IBM FileNet P8 technical platform. IBM FileNet Content Manager serves as the core content management, security management, and storage management engine for the products. This IBM Redbooks® publication covers the implementation best practices and recommendations for solutions that use IBM FileNet Content Manager. It introduces the functions and features of IBM FileNet Content Manager, common use cases of the product, and a design methodology that provides implementation guidance from requirements analysis through production use of the solution. We address administrative topics of an IBM FileNet Content Manager solution, including deployment, system administration and maintenance, and troubleshooting. Implementation topics include system architecture design with various options for scaling an IBM FileNet Content Manager system, capacity planning, and design of repository design logical structure, security practices, and application design. An important implementation topic is business continuity. We define business continuity, high availability, and disaster recovery concepts and describe options for those when implementing IBM FileNet Content Manager solutions. Many solutions are essentially a combination of information input (ingestion), storage, information processing, and presentation and delivery. We discuss some solution building blocks that designers can combine to build an IBM FileNet Content Manager solution. This book is intended to be used in conjunction with product manuals and online help to provide guidance to architects and designers about implementing IBM FileNet Content Manager solutions. Many of the features and practices described in the book also apply to previous versions of IBM FileNet Content Manager.

IBM CloudBurst on System x Byron Braswell,Armando Lemos,Rafael Moleiro,Paolo Ottaviano,Ferenc Rada,Maciej Widomski,IBM Redbooks,2012-05-04 This IBM® Redbooks® publication gives an overview of Cloud solutions, followed by detailed information and usage scenarios for IBM CloudBurst® in a System x® environment. Cloud computing can be defined as a style of computing in which dynamically scalable resources, such as CPU, storage, or bandwidth, are provided as a service over the Internet. Cloud computing represents a massively scalable, self-service delivery model where processing, storage, networking, and applications can be accessed as services over the Internet. Enterprises can adopt cloud models to improve employee productivity, deploy new products and services faster and reduce operating costs—starting with workloads, such as development and test, virtual desktop, collaboration, and analytics. IBM provides a scalable variety of cloud solutions to meet these needs. This IBM Redbooks publication helps you to tailor an IBM CloudBurst installation on System x to meet virtualized computing requirements in a private cloud environment. This book is intended for IT support personnel who are responsible for customizing IBM CloudBurst to meet business cloud computing objectives.

Oracle on LinuxONE Susan Adamovich,Sam Amsavelu,Armelle Chev,Helene Grosch,Guilherme Nogueira,Jagannath Raju,Moshe Reder,Mariana Roveri,David J Simpson,Narjisse Zaki,IBM Redbooks,2019-08-08 Oracle Database 12c running on Linux is available for deployment on IBM® LinuxONE. The enterprise-grade Linux on LinuxONE solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from LinuxONE. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. Additionally, we discuss encryption for Oracle using Oracle Transparent Data Encryption (TDE) on Oracle 12c Release 2. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

Oracle on IBM Z Susan Adamovich,Sam Amsavelu,Armelle Chevé,Helene Grosch,Moshe Reder,David J Simpson,Narjisse Zaki,IBM Redbooks,2018-07-26 Oracle Database 12c Release 1 running on Linux is available

for deployment on the IBM ZTM family of servers. The enterprise-grade Linux on IBM Z solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from the IBM Z platform. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

IBM Power 550 Technical Overview Scott Vetter, Giuliano Anselmi, YoungHoon Cho, Gregor Linzmeier, Marcos Quezada, John T Schmidt, Guido Somers, IBM Redbooks, 2010-04-21 This IBM® Redpaper™ is a comprehensive guide covering the Power 550 server. The goal of this paper is to introduce the innovative Power 550. It introduces major hardware offerings and discusses their prominent functions, including: o The POWER6 processor available at frequencies of 3.5 GHz, 4.2 GHz, and 5.0 GHz. o The specialized POWER6 DDR2 memory that provides greater bandwidth, capacity, and reliability. o The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter that brings native hardware virtualization to this server o EnergyScale technology that provides features such as power trending, power-saving, capping of power, and thermal measurement o PowerVM Live Partition Mobility o Mainframe continuous availability brought to the UNIX environment This Redpaper expands the current set of IBM System p documentation by providing a desktop reference that offers a detailed technical description of the 550 system. This Redpaper does not replace the latest marketing materials and tools. It is intended as an additional source of information that, together with existing sources, may be used to enhance your knowledge of IBM server solutions.

The Virtualization Cookbook for IBM Z Volume 1: IBM z/VM 7.2 Lydia Parziale, Edi Lopes Alves, Vic Cross, Paul Novak, Mauro Cesar de Souza, IBM Redbooks, 2021-07-15 This IBM® Redbooks® publication is volume one of five in a series of books entitled The Virtualization Cookbook for IBM Z. The series includes the following volumes: The Virtualization Cookbook for IBM z Systems® Volume 1: IBM z/VM® 7.2, SG24-8147 The Virtualization Cookbook for IBM Z Volume 2: Red Hat Enterprise Linux 8.2 Servers, SG24-8303 The Virtualization Cookbook for IBM z Systems Volume 3: SUSE Linux Enterprise Server 12, SG24-8890 The Virtualization Cookbook for IBM z Systems Volume 4: Ubuntu Server 16.04, SG24-8354 Virtualization Cookbook for IBM Z Volume 5: KVM, SG24-8463 It is recommended that you start with Volume 1 of this series because the IBM z/VM hypervisor is the foundation (or base layer) for installing Linux on IBM Z®. This book series assumes that you are generally familiar with IBM Z technology and terminology. It does not assume an in-depth understanding of z/VM or Linux. It is written for individuals who want to start quickly with z/VM and Linux, and get virtual servers up and running in a short time (days, not weeks or months). Volume 1 starts with a solution orientation, discusses planning and security, and then, describes z/VM installation methods, configuration, hardening, automation, servicing, networking, optional features, and more. It adopts a cookbook-style format that provides a concise, repeatable set of procedures for installing, configuring, administering, and maintaining z/VM. This volume also includes a chapter on monitoring z/VM and the Linux virtual servers that are hosted. Volumes 2, 3, and 4 assume that you completed all of the steps that are described in Volume 1. From that common foundation, these volumes describe how to create your own Linux virtual servers on IBM Z hardware under IBM z/VM. The cookbook format continues with installing and customizing Linux. Volume 5 provides an explanation of the kernel-based virtual machine (KVM) on IBM Z and how it can use the z/Architecture®. It focuses on the planning of the environment and provides installation and configuration definitions that are necessary to build, manage, and monitor a KVM on Z environment. This publication applies to the supported Linux on Z distributions (Red Hat, SUSE, and Ubuntu).

Subsystem and Transaction Monitoring and Tuning with DB2 11 for z/OS Paolo Bruni, Felipe Bortoletto, Adrian Burke, Cathy Drummond, Yasuhiro Ohmori, IBM Redbooks, 2022-08-31 This IBM® Redbooks® publication discusses in detail the facilities of DB2® for z/OS®, which allow complete monitoring of a DB2 environment. It focuses on the use of the DB2 instrumentation facility component (IFC) to provide monitoring of DB2 data and events and includes suggestions for related tuning. We discuss the collection of statistics for the verification of performance of the various components of the DB2 system and accounting for tracking the behavior of the applications. We have intentionally omitted considerations for query optimization; they are worth a separate document. Use this book to activate the right traces to help you monitor the performance of your DB2 system and to tune the various aspects of subsystem and application performance.

IBM Power 795 (9119-FHB) Technical Overview and Introduction Scott Vetter, An Ding Chen, Carlo Costantini, James Cruickshank, Dave Freeman, Volker Haug, Breno Henrique Leitao, Cesar Diniz Maciel, John T Schmidt, IBM Redbooks, 2013-02-11 This IBM® Redpaper™ publication is a comprehensive guide that covers the IBM Power 795 server that supports IBM AIX®, IBM i, and Linux operating systems. The goal of this paper is to introduce the innovative Power 795 offering and its major functions: IBM POWER7® processor, available at frequencies of 3.7 GHz and 4.0 GHz with TurboCore options of 4.25 GHz and 4.31 GHz Specialized POWER7 Level 3 cache that provides greater bandwidth, capacity, and reliability IBM PowerVM® virtualization, including PowerVM Live Partition Mobility and PowerVM IBM Active Memory™ Sharing TurboCore mode that delivers the highest performance per core Enhanced reliability, accessibility, and serviceability (RAS) features that are designed for maximum availability Active Memory Expansion that provides more usable memory than what is physically installed on the system IBM EnergyScale™ technology that provides features such as power trending, power-saving, capping of power, and thermal measurement Professionals who want to acquire a better understanding of IBM Power Systems™ products can benefit from reading this paper. This paper complements the available set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power 795 system. This paper does not replace the latest marketing materials and configuration tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

IBM Power 720 and 740 (8202-E4C, 8205-E6C) Technical Overview and Introduction Scott Vetter, Alexandre Bicas Caldeira, Carlo Costantini, Steve Harnett, Volker Haug, Craig Watson, Fabien Willmann, IBM Redbooks, 2012-12-12 This IBM® Redpaper™ publication is a comprehensive guide covering the IBM Power 720 and Power 740 servers supporting AIX®, IBM i, and Linux operating systems. The goal of this paper is to introduce the innovative Power 720 and Power 740 offerings and their major functions, including these: The POWER7™ processor available at frequencies of 3.0 GHz, 3.55 GHz, and 3.7 GHz. The specialized POWER7 Level 3 cache that provides greater bandwidth, capacity, and reliability. The 2-port 10/100/1000 Base-TX Ethernet PCI Express adapter included in the base configuration and installed in a PCIe Gen2 x4 slot. The integrated SAS/SATA controller for HDD, SSD, tape, and DVD. This controller supports built-in hardware RAID 0, 1, and 10. The latest PowerVMTM virtualization including PowerVM Live Partition Mobility and PowerVM Active Memory™ Sharing. Active Memory Expansion that provides more usable memory than what is physically installed on the system. EnergyScale™ technology that provides features such as power trending, power-saving, capping of power, and thermal measurement. Professionals who want to acquire a better understanding of IBM Power Systems products can benefit from reading this paper. This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power 720 and Power 740 systems. This paper does not replace the latest marketing materials and configuration tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

IBM System Storage DS8000 Performance Monitoring and Tuning Axel Westphal, Bert Dufrasne, Wilhelm Gardt, Jana Jamsek, Peter Kimmel, Flavio Morais, Paulus Usong, Alexander Warmuth, Kenta Yuge, IBM Redbooks, 2016-04-07 This IBM® Redbooks® publication provides guidance about how to configure, monitor, and manage your IBM DS8880 storage systems to achieve optimum performance, and it also covers the IBM DS8870 storage system. It describes the DS8880 performance features and characteristics, including hardware-related performance features, synergy items for certain operating systems, and other functions, such as IBM Easy Tier® and the DS8000® I/O Priority Manager. The book also describes specific performance considerations that apply to particular host environments, including database applications. This book also outlines

the various tools that are available for monitoring and measuring I/O performance for different server environments, and it describes how to monitor the performance of the entire DS8000 storage system. This book is intended for individuals who want to maximize the performance of their DS8880 and DS8870 storage systems and investigate the planning and monitoring tools that are available. The IBM DS8880 storage system features, as described in this book, are available for the DS8880 model family with R8.0 release bundles (Licensed Machine Code (LMC) level 7.8.0).

IBM Power System E950: Technical Overview and Introduction Scott Vetter,James Cruickshank,Volker Haug,Yongsheng Li (Victor),Armin Röhl,IBM Redbooks,2019-12-09 This IBM® Redpaper™ publication gives a broad understanding of a new architecture of the IBM Power System E950 (9040-MR9) server that supports IBM AIX®, and Linux operating systems. The objective of this paper is to introduce the major innovative Power E950 offerings and relevant functions: The IBM POWER9™ processor, which is available at frequencies of 2.8 - 3.4 GHz. Significantly strengthened cores and larger caches. Supports up to 16 TB of memory, which is four times more than the IBM POWER8® processor-based IBM Power System E850 server. Integrated I/O subsystem and hot-pluggable Peripheral Component Interconnect Express (PCIe) Gen4 slots, which have double the bandwidth of Gen3 I/O slots. Supports EXP12SX and ESP24SX external disk drawers, which have 12 Gb Serial Attached SCSI (SAS) interfaces and support Active Optical Cables (AOCs) for greater distances and less cable bulk. New IBM EnergyScale™ technology offers new variable processor frequency modes that provide a significant performance boost beyond the static nominal frequency. This publication is for professionals who want to acquire a better understanding of IBM Power Systems™ products. The intended audience includes the following roles: Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors (ISVs) This paper expands the current set of Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power E950 server. This paper does not replace the current marketing materials and configuration tools. It is intended as an extra source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

As recognized, adventure as without difficulty as experience just about lesson, amusement, as without difficulty as contract can be gotten by just checking out a ebook **Tekline Universal Media Player 102 Build 2** with it is not directly done, you could believe even more on the order of this life, regarding the world.

We offer you this proper as competently as easy pretentiousness to acquire those all. We provide Tekline Universal Media Player 102 Build 2 and numerous book collections from fictions to scientific research in any way. in the midst of them is this Tekline Universal Media Player 102 Build 2 that can be your partner.

Table of Contents Tekline Universal Media Player 102 Build 2

- 1. Understanding the eBook Tekline Universal Media Player 102 Build 2
 - The Rise of Digital Reading Tekline Universal Media Player 102 Build 2
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Tekline Universal Media Player 102 Build 2
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Tekline Universal Media Player 102 Build 2
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Tekline Universal Media Player 102 Build 2
 - Personalized Recommendations
 - Tekline Universal Media Player 102 Build 2 User Reviews and Ratings
 - Tekline Universal Media Player 102 Build 2 and Bestseller Lists
- 5. Accessing Tekline Universal Media Player 102 Build 2 Free and Paid eBooks
 - Tekline Universal Media Player 102 Build 2 Public Domain eBooks
 - Tekline Universal Media Player 102 Build 2 eBook Subscription Services
 - Tekline Universal Media Player 102 Build 2 Budget-Friendly Options
- 6. Navigating Tekline Universal Media Player 102 Build 2 eBook Formats
 - ePub, PDF, MOBI, and More
 - Tekline Universal Media Player 102 Build 2 Compatibility with Devices
 - Tekline Universal Media Player 102 Build 2 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Tekline Universal Media Player 102 Build 2
 - Highlighting and Note-Taking Tekline Universal Media Player 102 Build 2
 - Interactive Elements Tekline Universal Media Player 102 Build 2

- 8. Staying Engaged with Tekline Universal Media Player 102 Build 2
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Tekline Universal Media Player 102 Build 2
- 9. Balancing eBooks and Physical Books Tekline Universal Media Player 102 Build 2
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Tekline Universal Media Player 102 Build 2
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Tekline Universal Media Player 102 Build 2
 - Setting Reading Goals Tekline Universal Media Player 102 Build 2
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Tekline Universal Media Player 102 Build 2
 - Fact-Checking eBook Content of Tekline Universal Media Player 102 Build 2
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Tekline Universal Media Player 102 Build 2 Introduction

In todays digital age, the availability of Tekline Universal Media Player 102 Build 2 books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth

of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Tekline Universal Media Player 102 Build 2 books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Tekline Universal Media Player 102 Build 2 books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Tekline Universal Media Player 102 Build 2 versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Tekline Universal Media Player 102 Build 2 books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether youre a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Tekline Universal Media Player 102 Build 2 books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Tekline Universal Media Player 102 Build 2 books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Tekline Universal Media Player 102 Build 2 books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Tekline Universal Media Player 102 Build 2 books and manuals for download and embark on your journey of knowledge?

FAQs About Tekline Universal Media Player 102 Build 2 Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take

regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Tekline Universal Media Player 102 Build 2 is one of the best book in our library for free trial. We provide copy of Tekline Universal Media Player 102 Build 2 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Tekline Universal Media Player 102 Build 2. Where to download Tekline Universal Media Player 102 Build 2 online for free? Are you looking for Tekline Universal Media Player 102 Build 2 PDF? This is definitely going to save you time and cash in something you should think about.

Tekline Universal Media Player 102 Build 2 :

20 fun travel trivia questions for kids dk uk - Sep 23 2021
web we ve all been missing getting out and seeing the world in recent months and for kids travel is an important way to learn about new places cultures and the planet here are [answers to junior scholastic world trip whoops book](#) - Mar 10 2023
web answers to junior scholastic world trip whoops whitewashing white racists may 10 2022 junior scholastic 1986 oct 15 2022 how america works aug 21 2020 [answers to junior scholastic world trip whoops download](#) - Mar 30 2022
web answers to junior scholastic world trip whoops i am malala private yankee doodle being a narrative of some of the adventures dangers and sufferings of a *answers to junior scholastic world trip whoops download only* - Dec 07 2022
web scholastic book of world records 2022 aug 04 2022 it s been another year of amazing facts trends current events and more read about all the epic world records you need **juniorscholasticworldtripwhoopsanswers copy** - Aug 03 2022
web 1 juniorscholasticworldtripwhoopsanswers when people should go to the books stores search establishment by shop shelf by shelf it is in point of fact *read online junior scholastic world trip whoops answers pdf* - Jun 01 2022
web dec 12 2022 answer book what goes on tour the north pole project vicki finds the answer the extraterrestrial answer book the best possible answer you are the [answers to junior scholastic world trip whoops banpaen](#) - Feb 09 2023
web jun 7 2023 read and download junior scholastic world trip whoops answers free ebooks in pdf format crucible act 2 types of conflict answers *how children around the world get to school gameshow quiz* - Dec 27 2021
web how children around the world get to school gameshow quiz 1 in which country do the pupils have to walk 5 hour journey a china b india c indonesia 2 in china pupils [y10 travel questions unjumble wordwall](#) - Jan 28 2022
web y10 travel questions share share by u95647664 high school y11 english show more like edit content embed more leaderboard show more show less this **junior scholastic world trip whoops answers download only** - Nov 06 2022
web junior scholastic world trip whoops answers 1 junior scholastic world trip whoops answers yeah reviewing a book junior scholastic world trip whoops [ingenology com](#) - Jan 08 2023
web ingenology com **answers to junior scholastic world trip whoops pdf vpn** - Sep 04 2022
web answers to junior scholastic world trip whoops 5 5 knowledge from the world almanac and book of facts world communism 1964 1969 a select ed bibliography **answers to junior scholastic world trip whoops pdf pdf** - Jun 13 2023
web title answers to junior scholastic world trip whoops pdf pdf bukuclone ortax org created date 9 4 2023 5 50 10 am

[word trip answers and cheats updated gameanswer](#) - Nov 25 2021

web sep 15 2017 the more you solve levels the more your worldwide trip extends therefore in order to take you to unlimited endless sights we have brought to you all the answers

[online library answers to junior scholastic world trip whoops](#) - Jul 14 2023

web online library answers to junior scholastic world trip whoops read pdf free whoops a daisy the world s gone crazy whoop s apostrophe chief rhino to

junior scholastic world trip whoops answers - Apr 30 2022

web junior scholastic world trip whoops answers 1 junior scholastic world trip whoops answers junior scholastic world trip whoops answers downloaded from

[gameshow quiz wordwall](#) - Oct 25 2021

web [gameshow quiz](#) 1 [a](#) [b](#) [c](#) 2 [get free answers to junior scholastic world trip whoops pdf](#) - Jul 02 2022

web apr 2 2023 get free answers to junior scholastic world trip whoops pdf for free scholastic book of world records 2022 air travel modern age clifford s class trip

[answer keys scholastic](#) - Aug 15 2023

web help how to s virtual teaching answer keys you can find the answer key for all of the activities in every issue by clicking answer key at the top of the issue page next

junior scholastic world trip whoops answers nat gabriel pdf - Apr 11 2023

web junior scholastic world trip whoops answers yeah reviewing a books junior scholastic world trip whoops answers could ensue your close associates listings

[junior scholastic world trip whoops answers elena bodrova](#) - May 12 2023

web there immersed in a world of tradition and arranged marriages rukhsana finds the perspective she s been looking for in her grandmother s old diary the only question left

[junior scholastic world trip whoops answers](#) - Feb 26 2022

web junior scholastic world trip whoops answers archived web sites advanced search results from form 1 of page harrow county guestbook htm may 10th 2018 name

[pdf answers to junior scholastic world trip whoops free](#) - Oct 05 2022

web aug 16 2023 info acquire the answers to junior scholastic world trip whoops associate that we have the funds for here and check out the link you could purchase

sydney opera house s israeli flag sparks pro palestine protests - Jan 06 2023

web oct 10 2023 october 9 2023 at 5 05 pm pdt pro palestinian demonstrators lit flares and chanted anti israeli slogans outside the sydney opera house to protest a decision to illuminate the iconic building s

[browsers for every device opera web browsers opera](#) - Feb 07 2023

web opera browser browse faster safer and smarter opera browser is built for the changing web block unwanted ads use a free vpn connect desktop mobile browsers and explore dozens of additional innovations that make opera browser truly

download the opera browser for computer phone tablet opera - Jul 12 2023

web download the opera browser for computer phone and tablet opera for mac windows linux android ios free vpn ad blocker built in messengers

infrastrutture csel a opere di enti territoriali un terzo del fondo - Dec 05 2022

web oct 9 2023 22 5 mln per 708 opere di comuni al sud 43 risorse e campania al 1 posto infrastrutture csel a opere di enti territoriali un terzo del fondo compensativo caro materiali cerca nel sito

free vpn browser with built in vpn download opera - Jun 11 2023

web vpn is included with opera browser just download opera browser for your computer or mobile phone and activate the free vpn service in settings quick vpn access in your browser lets you turn the vpn service on and off select your virtual location region and see stats on the data used

opera indir opera internet tarayıcısı gezinler - May 10 2023

web eset internet security indirin opera internet tarayıcısı opera one tarayıcısı yapay zeka yerel reklam engelleyici ücretsiz vpn entegre mesajlaşma uygulamaları ve daha fazlasıyla birlikte gelir opera gezinme güvenliğinizi sağlar böylece içeriğe odaklanabilirsiniz

opera indir Ücretsiz İndir tamindir - Mar 08 2023

web jan 3 2023 opera kullanıcılarına hızlı ve farklı bir internet deneyimini gelişmiş özelliklerle sunmayı hedefleyen popüler internet tarayıcısıdır can Çevrim 10 ay Önce gÜncellendİ dünyanın en iyi tarayıcılarından biri olan opera birçok kişi tarafından kullanılmaktadır

opera web tarayıcısı daha hızlı daha güvenli daha akıllı opera - Aug 13 2023

web opera nın ücretsiz vpn i reklam engelleyicisi ve flow dosya paylaşımı Çevrimiçi deneyiminizi iyileştirmek için tasarlanmış daha hızlı daha akıcı ve dikkat dağıtmayan gezinme için opera da yerleşik olarak bulunan olmazsa olmaz özelliklerden sadece birkaçı

opera web browser faster safer smarter opera - Sep 14 2023

web opera s free vpn ad blocker and flow file sharing just a few of the must have features built into opera for faster smoother and distraction free browsing designed to improve your online experience download opera faster safer and smarter than default browsers

opera vpn Ücretsiz vpn vpn pro opera - Apr 09 2023

web en iyi vpn i seçme opera hem Ücretsiz hem de pro vpn e sahip tek büyük tarayıcıdır opera ile ciddi veri koruması ve güçlü çevrimiçi gizlilik elde edin

englisch für den einzelhandel fachvokabeln und beispieleätze - May 12 2023

web für den einzelhandel englisch sprechen im verkauf für den einzelhandel schülerband by birgit mertens it is thoroughly easy then currently we extend the associate to buy

englisch für den einzelhandel englisch sprechen im verkauf - Jul 14 2023

web englisch für den einzelhandel englisch sprechen im verkauf fachvokabeln und beispieleätze für den einzelhandel schülerband englisch für den und

englisch für den einzelhandel fachvokabeln und beispieleätze - Mar 10 2023

web jul 21 2023 englisch fur den einzelhandel fachvokabeln und be and numerous books collections from fictions to scientific research in any way in the midst of them is this

[englisch für den einzelhandel fachvokabeln und beispieleätze](#) - Nov 25 2021

web jul 28 2023 verhandeln englisch für den einzelhandel verlage der westermann gruppe vokabeln im geschäftsgeschäft englisch deutsch englisch für den einzelhandel

[englisch für den einzelhandel fachvokabeln und westermann](#) - Aug 15 2023

web englisch für den einzelhandel fachvokabeln und beispieleätze für den einzelhandel dieser fachwortschatz stellt eine fülle allgemeiner und sortimentstypischer begriffe und

[einzelhandel deutsch englisch Übersetzung pons](#) - Jul 02 2022

web kauffrau im einzelhandel letzter beitrag 09 mai 07 15 47 lehrberuf mit ihk abschluss hallo ich muss grad meinen lebenslauf auf englisch basteln 1 antworten kauffrau

einzelhandel englisch Übersetzung linguee wörterbuch - Apr 30 2022

web a 2011 06 24 einzelhandel ist zu weit gespannt entscheidend ist die besucherfrequenz a 2011 06 24 einzelhandel trifft den nagel auf den kopf patsch und fertig a 2011 06

englisch fur den einzelhandel fachvokabeln und be - Aug 03 2022

web einzelhandel retailing der einzelhandel umfasst alle aktivitäten des verkaufs von gütern und dienstleistungen direkt an den endverbraucher für seinen persönlichen privaten

englisch fur den einzelhandel fachvokabeln und be book - Oct 05 2022

web englisch fur den einzelhandel fachvokabeln und be pdf in a fast paced world fueled by information and interconnectivity the spellbinding force of linguistics has acquired

[einzelhandel Übersetzung englisch deutsch dict cc](#) - Mar 30 2022

web viele übersetzte beispieleätze mit einzelhandelsgeschäft englisch deutsch wörterbuch und suchmaschine für millionen von englisch Übersetzungen

englisch für den einzelhandel fachvokabeln und beispieleätze - Jan 28 2022

web ausdrücke für das gespräch die wichtigsten business englisch vokabeln und sätze unterschiede zwischen dem konventionellen einzelhandel und einzelhandel englisch

[einzelhandelsgeschäft englisch Übersetzung linguee](#) - Feb 26 2022

web jun 15 2023 englisch für den einzelhandel fachvokabeln und beispieleätze für den einzelhandel englisch für den einzelhandel englisch sprechen im verkauf für den

englisch fur den einzelhandel fachvokabeln und be pdf - Feb 09 2023

web verkauf für den einzelhandel schülerband by birgit mertens einzelhandel englisch vokabeln online lernen deklination von einzelhandel auf deutsch einzahl und englisch

englisch für den einzelhandel fachvokabeln und beispieleätze - Oct 25 2021

web englisch für den einzelhandel fachvokabeln und beispieleätze für den einzelhandel englisch für den einzelhandel englisch sprechen im verkauf für den einzelhandel

englisch fur den einzelhandel fachvokabeln und be pdf pdf - Sep 04 2022

web englisch fur den einzelhandel fachvokabeln und be 2 8 downloaded from uniport edu ng on march 21 2023 by guest an excellent learn book for the student to

englisch für den einzelhandel fachvokabeln und beispieleätze - Dec 27 2021

web englisch einzelhandel wirtschaftslexikon englisch für den einzelhandel fachvokabeln und englische übersetzung von einzelhandel collins deutsch unterschiede zwischen

free englisch für den einzelhandel fachvokabeln und be - Nov 06 2022

web discover the declaration englisch fur den einzelhandel fachvokabeln und be that you are looking for it will agreed squander the time however below in the same way as you

englisch für den einzelhandel fachvokabeln und beispieleätze - Jan 08 2023

web 2 englisch fur den einzelhandel fachvokabeln und be 2019 10 24 englisch fur den einzelhandel fachvokabel n und be downloaded from moodle morga nintl com by

englisch für den einzelhandel fachvokabeln und beispieleätze - Sep 23 2021

englisch sprechen im verkauf fachvokabeln und - Jun 13 2023

web englisch für den einzelhandel fachvokabeln und beispieleätze für den einzelhandel englisch für den

einzelhandel englisch sprechen im verkauf für den einzelhandel

englisch für den einzelhandel fachvokabeln und beispieleätze - Apr 11 2023

web may 14 2023 englisch für den einzelhandel fachvokabeln und beispieleätze für den einzelhandel

englisch für den einzelhandel englisch sprechen im verkauf für den

einzelhandel leo Übersetzung im englisch deutsch - Jun 01 2022

web viele übersetzte beispieleätze mit einzelhandel englisch deutsch wörterbuch und suchmaschine für

millionen von englisch Übersetzungen rucksäcke mehrzweck

englisch fur den einzelhandel fachvokabeln und be pdf - Dec 07 2022

web englisch fur den einzelhandel fachvokabeln und be absatzförderung im einzelhandel jan 03 2020 dieser buchtitel ist teil des digitalisierungsprojekts springer book

Best Sellers - Books ::

[principles of macroeconomics 3rd edition answer key](#)

[process validation in manufacturing of biopharmaceuticals third edition biotechnology](#)

[programming the world wide web 8th edition](#)

[primera linea nâ° 355 / noviembre 2014 \[hq \]](#)

[principles of voice production](#)

[pregnancy diet to lose weight](#)

[professor brian cox wonders of the universe](#)

[prince charming](#)

[process economics for chemical engineers](#)

[printable 5th grade math worksheets](#)