Installing Sap 4 7 On Windows Xp Pro And Server 2003 A Laymans Guide

IBM® PowerHATM for i (formerly known as HASM) is the IBM high availability disk-based clustering solution for the IBM i 6.1 operating system. PowerHA for i when combined with IBM i clustering technology 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 DS8000TM or DS6000TM storage servers. This IBM Redbooks® publication gives a broad understanding of PowerHA for i. This book is divided in four major parts: Part 1, "Introduction and Background" on page 1, provides a general introduction to clustering technology and some background. Part 2, "PowerHA for i setup and user interfaces" on page 69, describes and explains the different interfaces that PowerHA for i has. It also describes the migration process to this product and some sizing guidelines. Part 3, "Implementation examples using PowerHA for i" on page 319, explains how to use PowerHA for i with three major ERP solutions, such as SAP®, Lawson M3, and Oracle® JD Edwards®. Part 4, "Other IBM i 6.1 high availability enhancements" on page 349, explains additional IBM i 6.1 announced enhancements in high availability.

BLU Acceleration is a new technology that has been developed by IBM® and integrated directly into the IBM DB2® engine. BLU Acceleration is a new storage engine along with integrated run time (directly into the core DB2 engine) to support the storage and analysis of column-organized tables. The BLU Acceleration processing is parallel to the regular, row-based table processing found in the DB2 engine. This is not a bolt-on technology nor is it a separate analytic engine that sits outside of DB2. Much like when IBM added XML data as a first class object within the database along with all the storage and processing enhancements that came with XML, now IBM has added column-organized tables directly into the storage and processing engine of DB2. This IBM Redbooks® publication shows examples on an IBM Power SystemsTM entry server as a starter configuration for small organizations, and build larger configurations with IBM Power Systems larger servers. This publication takes you through how to build a BLU Acceleration solution on IBM POWER® having SAP Landscape integrated to it. This publication implements SAP NetWeaver Business Warehouse Systems as part of the scenario using another DB2 Feature called Near-Line Storage (NLS), on IBM POWER virtualization features to develop and document best recommendation scenarios. This publication is targeted towards technical professionals (DBAs, data architects, consultants, technical support staff, and IT specialists) responsible for delivering cost-effective data management solutions to provide the best system configuration for their clients' data analytics on Power Systems.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Many large and medium-sized organizations have made strategic investments in the SAP NetWeaver technology platform as their primary application platform. In fact, SAP software is used to manage many core business processes and data. As a result, it is critical for all organizations to manage the life cycle of user access to the SAP applications while adhering to security and risk compliance requirements. In this IBM® Redbooks® publication, we discuss the integration points into SAP solutions that are supported by the IBM Security access and identity management product capabilities. IBM Security software offers a range of identity management (IdM) adapters and access management components for SAP solutions that are available with IBM Tivoli® Identity Manager, IBM Tivoli Directory Integrator, IBM Tivoli Directory Server, IBM Access Manager for e-business, IBM Tivoli Access Manager for Enterprise Single Sign-On, and IBM Tivoli Federated Identity Manager. This book is a valuable resource for security officers, consultants, administrators, and architects who want to understand and implement an identity management solution for an SAP environment.

This IBM® RedpaperTM publication is a comprehensive guide covering the IBM Power System L922 (9008-22L) server, which was designed for data-intensive workloads such as databases and analytics in the Linux operating system. The objective of this paper is to introduce the major innovative Power L922 offering and its relevant functions: The new IBM POWER9TM processor, available at frequencies of 2.7 - 3.8 GHz, 2.9 - 3.8 GHz, and 3.4 - 3.9 GHz. Significantly strengthened cores and larger caches. Two integrated memory controllers that allow double the memory footprint of IBM POWER8® processor-based servers. An integrated I/O subsystem and hot-pluggable Peripheral Component Interconnect Express (PCIe) Gen4 and Gen3 I/O slots. I/O drawer expansion options offer greater flexibility. Support for Coherent Accelerator Processor Interface (CAPI) 2.0. New feature IBM EnergyScaleTM technology provides 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 SystemsTM 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 IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power L922 system. 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.

SAP Hana is popular due to its large main memories and massive parallel job processing capabilities. It makes SAP Hana real fast. The motive of this book is to develop a good understanding of how SAP Hana is used. The book doesn't need any experience with SAP HANA or software development. It’s a self-learning guide that even beginners can use. Everything about SAP HANA is explained like architecture, modeling, reporting, SQL script, and so on. This book is full of information, hands-on and real life project experience learning. In this edition, you will identify various components of SAP HANA and its working process. Though the book size is small, it tried to justify almost all important topics of SAP HANA with examples and images. These includes SLT, the connection between SAP system and HANA, Data services, etc. You will also learn how to use SQL script in HANA. By the end of this book, you will be able to integrate SAP HANA pretty much with any platform. Over a time you can use this edition as a handbook and harness your SAP Hana skills. So all and above this edition will save a lot of your expenses spend behind other courses and learning resources. Table Content Chapter 1: Introduction 1. Introduction SAP HANA 2. Why to choose SAP HANA? 3. SAP HANA In-Memory Strategy 4. SAP HANA Advantages 5. SAP HANA Compare to BWA (Business Warehouse Accelerator) Chapter 2: Hana Architecture 1. SAP HANA Architecture 2. SAP HANA Landscape 3. SAP HANA Sizing Chapter 3: SAP HANA Studio 1. Pre-Requisite for SAP HANA Studio 2. Supported Platform 3. Download & Install SAP HANA Studio 4. Add System in SAP HANA Studio 5. Work With

SAP HANA Studio Chapter 4: SQL Script, Data Type, Trigger, Sequence, Operator, Function, Expression, Identifiers 1. What is SAP HANA SQL 2. SAP HANA Identifiers 3. SAP HANA Data Type 4. SAP HANA Operator 5. SAP HANA SQL FUNCTIONS 6. SAP HANA SQL EXPRESSIONS 7. SAP HANA SQL Stored Procedure 8. SAP HANA Create Sequence 9. SAP HANA Create Trigger Chapter 5: Data Provisioning 1. Overview of Replication Technology 2. SLT (SAP Landscape Transformation Replication Server) 3. SAP DS (SAP DATA Services) 4. SAP HANA Direct Extractor Connection (DXC) 5. Flat file Upload to SAP HANA Chapter 6: Modeling 1. SAP HANA Modelling Overview 2. Join Method in SAP HANA 3. SAP HANA Best Practices for Creating Information Models 4. SAP HANA Attribute View 5. SAP HANA Analytic View 6. SAP HANA Calculation View 7. SAP HANA Analytic Privileges 8. SAP HANA Information Composer 9. SAP HANA Import and Export 10. SAP HANA Performance Optimization Technique Chapter 7: Security 1. SAP HANA Security Overview 2. SAP HANA Authentication 3. SAP HANA Authorization 4. SAP HANA User and Role Administration 5. SAP HANA License Management 6. SAP HANA Auditing Chapter 8: Reporting 1. Reporting In SAP BI (Business Intelligence) Overview 2. Reporting In Webi of SAP Business Objects (BO) on HANA 3. Reporting In Crystal Report 4. Reporting In SAP Lumira 5. Reporting In Microsoft Excel

IBM® DB2® Version 11.1 for z/OS® (DB2 11 for z/OS or just DB2 11 throughout this book) is the fifteenth release of DB2 for IBM MVSTM. It brings performance and synergy with the IBM System z® hardware and opportunities to drive business value in the following areas. DB2 11 can provide unmatched reliability, availability, and scalability - Improved data sharing performance and efficiency - Less downtime by removing growth limitations - Simplified management, improved autonomics, and reduced planned outages DB2 11 can save money and save time - Aggressive CPU reduction goals - Additional utilities performance and CPU improvements - Save time and resources with new autonomic and application development capabilities DB2 11 provides simpler, faster migration - SQL compatibility, divorce system migration from application migration - Access path stability improvements - Better application performance with SQL and XML enhancements DB2 11 includes enhanced business analytics - Faster, more efficient performance for query workloads - Accelerator enhancements - More efficient inline database scoring enables predictive analytics The DB2 11 environment is available either for new installations of DB2 or for migrations from DB2 10 for z/OS subsystems only. This IBM Redbooks® publication introduces the enhancements made available with DB2 11 for z/OS. The contents help database administrators to understand the new functions and performance enhancements, to plan for ways to use the key new capabilities, and to justify the investment in installing or migrating to DB2 11.

The power of the IBM System z, combined with the flexibility of Linux on System z, provides the ideal platform on which to implement SAP application servers. System z provides the benefits of continuous availability, high performance, scalability, and ease of management; these qualities support and complement mission-critical SAP business applications. This IBM Redbooks publication focuses on the implementation of SAP application servers on Linux on System z to leverage the synergy of this combination of products. It provides detailed information to guide you through the planning process, including resource sharing considerations, hardware and software requirements, support and maintenance. This book takes you through the steps to prepare the system environment, describing system and network configurations, and demonstrates the procedures for installing and customizing your system. It describes in detail how to install SAP application servers in z/VM Linux images, including the installation of SAP and Java and hipersockets. Finally, it provides guidance for performance tuning and introduces some useful monitoring tools.

"Ready for SAP BW/4HANA 2.0? This comprehensive guide will teach you all there is to know about the next generation business warehouse from SAP! Start with a fresh installation or migrate from an existing system. Then understand the new architecture, explore administration tasks with SAP HANA Studio, learn to model and analyze data, and find out how to connect to frontend BI tools"--

Much controversy has surrounded the Somme offensive relating to its justification and its impact upon the course of the war. General Sir Douglas Haig's policies have been the subject of considerable debate about whether the heavy losses sustained were worth the small gains that were achieved which appeared to have little strategic value. rnrnThat was certainly the case on many sectors on 1 July 1916, where British soldiers were unable to cross No Man's Land and failed to reach, or penetrate into, the German trenches. In other sectors, however, breaches were made in the German lines culminating in the capture that day of Leipzig Redoubt, Mametz and Montauban. rnrnThis book aims to highlight the failures and successes on that day and for the first time evaluate those factors that caused some divisions to succeed in capturing their objectives whilst others failed. An important new study, this book is certain to answer these questions as well as challenging the many myths and misconceptions surrounding the battle that have been propagated for the last 100 years.

SAP BusinessObjects Dashboards is a leading Business Intelligence and reporting tool that provides you with a real-time understanding of your business with agile visualizations. Starting with an introduction to Dashboards and its benefits, the book slowly moves on to explain the dashboard creation process. After this, you will learn how to add charts, single-value components, maps, selectors, and other third-party plugins to the existing dashboards. Furthermore, it shares many best practices and will also help you to connect your dashboard to real data by establishing a data connection to a data source. You can also explore more about mobile BI and learn how to create dashboards for mobile devices. By the end of the book, you will be able to prepare, plan, and design interactive dashboards based on your business requirements using this cutting-edge BI tool.

Enrich your skill set with Open SQL and CD5 views DESCRIPTION The book has been written in such a way that the concepts are explained in detail, giving adequate emphasis on examples. To provide clarity on the programming examples, logic is properly explained and discussed by using comments in program itself. The topics covered in this book include starting the software using snapshots of the same and writing programs. Simple to complex SAP/ ABAP HANA examples are provided in detail, considering the requirement of IT consultants the basic idea of developing projects in it. The examples provided in this book are user-focused and are provided through sections, figures and examples. KEY FEATURES Comprehensive coverage of SAP / ABAP HANA with emphasis on real-time case studies. Practical examples along with Screen personas, SAP Fiori cloud, OPEN SQL, Native SQL & ADBC, CDS support in SAP NW ABAP 7.4 SP5, SAP HANA Studio, performance enabler Rules & guidelines. Simple language, crystal clear approach, straight forward comprehensible presentation. Concepts are duly supported with examples. Topic coverage with the aim to fill the skill gap among industry and academia. SAP Business Suite powered by SAP HANA are helpful for developing projects for IT consultants WHAT WILL YOU LEARN Gaining Customers by adopting and implementing SAP HANA in organisations / projects / programs Facilitating to maintain Customer Relationships as the core of

all successful working relationships are two essential characteristics: trust and commitment. To demonstrate their trustworthiness and commitment to customers, progressive suppliers periodically provide evidence to customers of their accomplishments. Help in delivering “Superior Value and Getting an Equitable Return” as understanding value in business markets and doing business based on value delivered gives suppliers the means to get an equitable return for their efforts. This document is a compilation of SAP ABAP/4 coding and efficiency standards and will provide guidance in creating readable, maintainable code. It is intended for all developers in the SAP R/3 system. This document is based primarily on ABAP/4. WHO THIS BOOK IS FOR Person from IT domain having software background, preferably with SAP technical or techno functional or functional or domain knowledge. Table of Contents 1. Introduction 2. General Programming Standards 3. ABAP Internal Names 4. ABAP/4 Dictionary 5. Security Authorisations considerations 6. ABAP/4 Coding Techniques

This IBM® Redbooks® publication updates Implementing High Availability and Disaster Recovery Solutions with SAP HANA on IBM Power Systems, REDP-5443 with the latest technical content that describes how to implement an SAP HANA on IBM Power SystemsTM high availability (HA) and disaster recovery (DR) solution by using theoretical knowledge and sample scenarios. This book describes how all the pieces of the reference architecture work together (IBM Power Systems servers, IBM Storage servers, IBM SpectrumTM Scale, IBM PowerHA® SystemMirror® for Linux, IBM VM Recovery Manager DR for Power Systems, and Linux distributions) and demonstrates the resilience of SAP HANA with IBM Power Systems servers. This publication is for architects, brand specialists, distributors, resellers, and anyone developing and implementing SAP HANA on IBM Power Systems integration, automation, HA, and DR solutions. This publication provides documentation to transfer the how-to-skills to the technical teams, and documentation to the sales team.

Are analytics and technology a strategic part of your business? Artificial intelligence, platforms, algorithms, machine learning. Most business leaders know the value in advanced technologies. But how do you embed them into your business—and make them a key part of your strategy? HBR's 10 Must Reads Technology and Strategy Collection features innovative ideas to help you understand what new technologies offer, decide what business models are best for your business, and move forward with new innovations. Included in this seven-book set are: HBR's 10 Must Reads on AI, Analytics, and the New Machine Age HBR's 10 Must Reads on Business Model Innovation HBR's 10 Must Reads on Platforms and Ecosystems HBR's 10 Must Reads on Innovation HBR's 10 Must Reads on Design Thinking HBR's 10 Must Reads on Strategy HBR's 10 Must Reads on Strategy, Vol. 2 The collection includes seventy articles selected by HBR's editors from renowned thought leaders including Clayton M. Christensen, W. Chan Kim, Renee Mauborgne, and Thomas H. Davenport, plus the indispensable article "Why Every Company Needs an Augmented Reality Strategy" by Michael E. Porter and James E. Heppelmann. With HBR's 10 Must Reads Technology and Strategy Collection, you can bridge the divide between your digital and strategic efforts, and ensure your business is on the cutting edge. HBR's 10 Must Reads paperback series is the definitive collection of books for new and experienced leaders alike. Leaders looking for the inspiration that big ideas provide, both to accelerate their own growth and that of their companies, should look no further. HBR's 10 Must Reads series focuses on the core topics that every ambitious manager needs to know: leadership, strategy, change, managing people, and managing yourself. Harvard Business Review has sorted through hundreds of articles and selected only the most essential reading on each topic. Each title includes timeless advice that will be relevant regardless of an ever?changing business environment.

The best-selling book on SAP S/4HANA migration is back! Dive into this complete guide to SAP S/4HANA migrations paths, processes, and tools. Start with the basics: explore prerequisites for migration and learn about the on-premise, cloud, and hybrid operating models. Then get to know each migration path: brownfield, greenfield, or selective data transition. Understand the steps you'll take as you plan, prepare, and perform your migration, for any implementation path you choose. Your SAP S/4HANA migration starts today! 1) Your guide to SAP S/4HANA migration and implementation projects 2) Planning, preparation, implementation: find the information you need for each project phase 3) Detailed instructions for brownfield and greenfield scenarios 4) 2nd edition, updated and expanded a. Migration Paths Cloud, on-premise, or hybrid? Brownfield, greenfield, or selective data transition? Explore your migration options and then tailor your path to a successful migration. b. Processes Walk through each migration method with expert advice, instructions, and screenshots for system conversions, new implementations, and more. c. Tools Master the tools of the trade: SAP S/4HANA migration cockpit, SAP S/4HANA migration object modeler, and a survey of the latest migration and modeling tools. 1) Cloud, on-premise, and hybrid scenarios 2) System conversion 3) New implementation 4) Data migration 5) Selective data transition 6) SAP S/4HANA Cloud 7) SAP Activate 8) Migration object modeler 9) Migration cockpit 10) Rapid data migration

Corporate workgroups, distributed enterprises, and small to medium-sized companies are increasingly seeking to network and consolidate storage to improve availability, share information, reduce costs, and protect and secure information. These organizations require enterprise-class solutions capable of addressing immediate storage needs cost-effectively, while providing an upgrade path for future requirements. IBM® System Storage® N series storage systems and their software capabilities are designed to meet these requirements. IBM System Storage N series storage systems offer an excellent solution for a broad range of deployment scenarios. IBM System Storage N series storage systems function as a multiprotocol storage device that is designed to allow you to simultaneously serve both file and block-level data across a single network. These activities are demanding procedures that, for some solutions, require multiple, separately managed systems. The flexibility of IBM System Storage N series storage systems, however, allows them to address the storage needs of a wide range of organizations, including distributed enterprises and data centers for midrange enterprises. IBM System Storage N series storage systems also support sites with computer and data-intensive enterprise applications, such as database, data warehousing, workgroup collaboration, and messaging. This IBM Redbooks® publication explains the software features of the IBM System Storage N series storage systems. This book also covers topics such as installation, setup, and administration of those software features from the IBM System Storage N series storage systems and clients and provides example scenarios.

Managing Business with SAP: Planning, Implementation and Evaluation is important to all IT managers as it addresses the reasons why many ERP systems fail, and how IT managers can improve the rate of successful implementation.

This IBM® RedpaperTM publication is a comprehensive guide that covers the IBM Power System S922 (9009-22A), IBM Power System S914 (9009-41A), and IBM Power System S924 (9009-42A) servers that support IBM AIX®, IBM i, and Linux operating systems. The objective of this paper is to introduce the major innovative Power S914, Power S922, and Power 924

offerings and their relevant functions: The new IBM POWER9TM processor, which is available at frequencies of 2.3 - 3.8 GHz, 2.8 - 3.8 GHz, 2.9 - 3.8 GHz, 3.4 - 3.9 GHz, 3.5 - 3.9 GHz, and 3.8 - 4.0 GHz. Significantly strengthened cores and larger caches. Two integrated memory controllers that double the memory footprint of IBM POWER8® servers. Integrated I/O subsystem and hot-pluggable Peripheral Component Interconnect Express (PCIe) Gen4 and Gen3 I/O slots. I/O drawer expansion options offer greater flexibility. Support for Coherent Accelerator Processor Interface (CAPI) 2.0. New IBM EnergyScaleTM 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 SystemsTM 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 IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power S914, Power S922, and Power S924 systems. 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.

Discover how to make your business data more interactive and engaging with SAP Lumira About This Book Create a powerful data discovery experience with the advanced capabilities of SAP Lumira Find business insights in your data through data blending, wrangling, transformation, and visualization A fast-paced guide packed with hands-on practical examples, real-world solutions, and best practices to get you started with SAP Lumira Who This Book Is For If you are a SAP user, business analyst, BI developer, or a junior data engineer who wants to use SAP Lumira to build creative visualizations, this book is for you. You should have a reasonable level of knowledge of SAP Business Objects and its components. What You Will Learn Deploy SAP Lumira on your computer and learn more about the SAP Lumira interface Extract data from different sources using SAP Lumira's data connecters Prepare, filter, clean, and format your data Discover visualization techniques and data discovery methods Administrate and customize SAP Lumira to get basic knowledge of its SDK Create various charts to deliver fantastic data visualizations Connect to SAP BusinessObjects BI Platform and SAP HANA to extract, prepare, and visualize data In Detail SAP Lumira allows you to combine data from multiple sources into a single view and create engaging visualizations quickly and easily. It is a reporting platform that helps users access data and independently perform analysis. With the increasing interest in data discovery, self-service BI, and visualization around the world, tools like SAP Lumira help to eliminate the complexities of analyzing and discovering data. Learn data discovery techniques, build amazing visualizations, create fantastic stories, and share your visualizations through an electronic medium with one of the most powerful tools around—SAP Lumira. You will begin with an overview of the SAP Lumira family of products. You will then go through various data discovery techniques using real-world scenarios of an online e-commerce retailer through detailed recipes on the installation, administration, and customization of SAP Lumira. Next, you will work with data, starting from acquiring data from various data sources, then preparing and visualizing it using the rich functionality of SAP Lumira. Finally, you will present data via a data story or infographic and publish it across your organization or on the World Wide Web. Style and approach This is a step-by-step guide to learning SAP Lumira essentials packed with examples on real-world problems and solutions.

Learn how to configure, implement, enhance, and customize SAP OEE to address manufacturing performance management. Manufacturing Performance Management using SAP OEE will show you how to connect your business processes with your plant systems and how to integrate SAP OEE with ERP through standard workflows and shop floor systems for automated data collection. Manufacturing Performance Management using SAP OEE is a must-have comprehensive guide to implementing SAP OEE. It will ensure that SAP consultants and users understand how SAP OEE can offer solutions for manufacturing performance management in process industries. With this book in hand, managing shop floor execution effectively will become easier than ever. Authors Dipankar Saha and Mahalakshmi Symsunder, both SAP manufacturing solution experts, and Sumanta Chakraborty, product owner of SAP OEE, will explain execution and processing related concepts, manual and automatic data collection through the OEE Worker UI, and how to enhance and customize interfaces and dashboards for your specific purposes. You'll learn how to capture and categorize production and loss data and use it effectively for root-cause analysis. In addition, this book will show you: Various down-time handling scenarios. How to monitor, calculate, and define standard as well as industry-specific KPIs. How to carry out standard operational analytics for continuous improvement on the shop floor, at local plant level using MII and SAP Lumira, and also global consolidated analytics at corporation level using SAP HANA. Steps to benchmark manufacturing performance to compare similar manufacturing plants' performance, leading to a more efficient and effective shop floor. Manufacturing Performance Management using SAP OEE will provide you with in-depth coverage of SAP OEE and how to effectively leverage its features. This will allow you to efficiently manage the manufacturing process and to enhance the shop floor's overall performance, making you the sought-after SAP OEE expert in the organization. What You Will Learn Configure your ERP OEE add-on to build your plant and global hierarchy and relevant master data and KPIs Use the SAP OEE standard integration (SAP OEEINT) to integrate your ECC and OEE system to establish bi-directional integration between the enterprise and the shop floor Enable your shop floor operator on the OEE Worker UI to handle shop floor production execution Use SAP OEE as a tool for measuring manufacturing performance Enhance and customize SAP OEE to suit your specific requirements Create local plant-based reporting using SAP Lumira and MII Use standard SAP OEE HANA analytics Who This Book Is For SAP MII, ME, and OEE consultants and users who will implement and use the solution.

This IBM® RedpaperTM publication addresses topics for architects, brand specialists, distributors, resellers, and anyone developing and implementing SAP HANA on IBM Power SystemsTM integration, automation, high availability (HA), and disaster recovery (DR) solutions. This book provides documentation to transfer how-to-skills to the technical teams, and documentation to the sales team. This guide describes how to implement an SAP HANA on IBM Power Systems solution from end to end and includes HA and DR guidelines by using theoretical knowledge, field experience, and sample scenarios. The contents of this book follow the guidelines from SAP regarding HANA installation on IBM Power Systems plus all the preferred practices that are gathered from the experiences of those consultants in hundreds of past HANA installations in customers' environments. This book is a hands-on guide and is targeted at technical staff who want to install SAP HANA on IBM Power Systems, and also use SAP HANA and IBM Power Systems HA solutions. SAP HANA and SUSE screen captures that are used in this publication belong to their respective owners. The residency team showed them in the publication to demonstrate the implementation and integration parts of the solution with IBM Power Systems.

This IBM® Redbooks® publication for IBM Power SystemsTM with IBM PowerHA® SystemMirror® Standard and Enterprise Editions (hardware, software, practices, reference architectures, and tools) documents a well-defined deployment model within an IBM Power Systems environment. It guides you through a planned foundation for a dynamic infrastructure for your enterprise applications. This information is for technical consultants, technical support staff, IT architects, and IT specialists who are responsible for providing high availability and support for the IBM PowerHA SystemMirror Standard and Enterprise Editions on IBM POWER® systems.

Today, opportunities and challenges of available technology can be utilized as strategic and tactical resources for your organization. Conversely, failure to be current on the latest trends and issues of IT can lead to ineffective and inefficient management of IT resources. Managing Information Technology in a Global Economy is a valuable collection of papers that presents IT management perspectives from professionals around the world. The papers introduce new ideas, refine old ones and possess interesting scenarios to help the reader develop company-sensitive management strategies.

SAP can help you capture better information and deliver it more quickly, allowing you to make better decisions and maximize the business value of everything you do. However, SAP implementations require massive effort, total buy-in, and significant change throughout the organization. In SAP Implementation Unleashed, 10 expert SAP project managers, functional consultants, and technologists guide you through the entire journey, helping you avoid pain and pitfalls and gain all the benefits of SAP. The authors introduce start-to-finish business, technical, and project management roadmaps for successful SAP implementation. Then, drawing on their immense experience, they walk you through the entire process of planning and deployment—addressing make-or-break issues and hidden gaps that other guidebooks ignore. You'll discover how to employ processes, models, and toolsets that help you achieve implementation excellence while systematically reducing cost and business risk. Along the way, you'll find actionable advice and real-world insight into innovative project management, best-suited leadership, effective load testing, contemporary infrastructure implementation, and more. George W. Anderson is responsible for providing enterprise applications thought leadership for the EDS/HP office of the CTO. A long-time SAP consultant and PMI-certified project manager, George has authored several best-selling books and enjoys new challenges. Charles D. Nilson is a senior program manager for EDS/HP and has led many successful SAP implementation teams over the years. He is a PMI PMP and is SAP Partner Academy certified in MM and PP. Tim Rhodes is a senior SAP technical consultant for EDS/HP and a Basis/infrastructure veteran focused on implementing, migrating, and upgrading SAP Business Suite and NetWeaver solutions. Tim is also an SAP-certified technical consultant, OCP, MCSE, and HP Master ASE. Detailed Information on How To... Define the business vision driving your implementation, and use it to design your solution Use TCO techniques to fully understand SAP's financial impact in your organization Structure your SAP project management office, business teams, technical support organization, and overall project team Size, plan, and test your SAP infrastructure to deliver the best performance and availability at the best cost Integrate SAP into an SOA environment Install and configure SAP Business Suite and NetWeaver components Perform basic functional configuration, testing, and change management activities Enable a smooth transition by successfully performing the critical tasks that immediately precede SAP Go-Live Choose the right mix of tools and applications to test, manage, and monitor SAP Prepare your SAP Operations team for its post-implementation responsibilities

The Installation and Configuration Guide includes information to install and configure MicroStrategy products on Windows, UNIX and Linux platforms, as well as basic maintenance guidelines.

This IBM® Redpaper publication documents how to containerize and deploy SAP software into Red Hat OpenShift 4 Kubernetes clusters on IBM Power Systems by using predefined Red Hat Ansible scripts, different configurations, and theoretical knowledge, and it documents the findings through sample scenarios. This paper documents the following topics: Running SAP S/4HANA, SAP HANA, and SAP NetWeaver on-premises software in containers that are deployed in Red Hat OpenShift 4 on IBM Power Systems hardware. Existing SAP systems running on IBM Power Systems can be repackaged at customer sites into containers that use predefined Red Hat Ansible scripts. These containers can be deployed multiple times into Red Hat OpenShift 4 Kubernetes clusters on IBM Power Systems. The target audiences for this paper are Chief Information Officers (CIOs) that are interested in containerized solutions of SAP Enterprise Resource Planning (ERP) systems, developers that need containerized environments, and system administrators that provide and manage the infrastructure with underpinning automation. This paper complements the documentation that is available at IBM Knowledge Center, and it aligns with the educational materials that are provided by IBM GarageTM for Systems Education.

This IBM® RedpaperTM publication is intended as an architecture and configuration guide to set up the IBM System StorageTM for the SAP HANA tailored data center integration (SAP HANA TDI) within a storage area network (SAN) environment. SAP HANA TDI allows the SAP customer to attach external storage to the SAP HANA server. The paper also describes the setup and configuration of SAP Landscape Management for SAP HANA systems on IBM infrastructure components: IBM Power Systems and IBM Storage based on IBM Spectrum® Virtualize. This document is written for IT technical specialists and architects with advanced skill levels on SUSE Linux Enterprise Server or Red Hat Enterprise Linux (RHEL) and IBM System Storage. This document provides the necessary information to select, verify, and connect IBM System Storage to the SAP HANA server through a Fibre Channel-based SAN. The recommendations in this Blueprint apply to single-node and scale-out configurations, and Intel and IBM Power based SAP HANA systems.

This IBM® Redpaper Redbooks publication provides guidance about a backup and recovery solution for SAP High-performance Analytic Appliance (HANA) running on IBM Power Systems. This publication provides case studies and how-to procedures that show backup and recovery scenarios. This publication provides information about how to protect data in an SAP HANA environment by using IBM Spectrum® Protect and IBM Spectrum Copy Data Manager. This publication focuses on the data protection solution, which is described through several scenarios. The information in this publication is distributed on an as-is basis without any warranty that is either expressed or implied. Support assistance for the use of this material is limited to situations where IBM Spectrum Scale or IBM Spectrum Protect are supported and entitled, and where the issues are specific to a blueprint implementation. The goal of the publication is to describe the best aspects and options for backup, snapshots, and restore of SAP HANA Multitenant Database Container (MDC) single and multi-tenant installations on IBM Power Systems by using theoretical knowledge, hands-on exercises, and documenting the findings through sample scenarios. This document provides resources about the following processes: Describing how to determine the best option, including SAP Landscape aspects to back up, snapshot, and restore of SAP HANA MDC single and multi-tenant installations based on IBM Spectrum Computing Suite, Red Hat Linux Relax and Recover (ReAR), and other products. Documenting key aspects, such as recovery time objective (RTO) and recovery point objective (RPO), backup impact (load, duration, scheduling), quantitative savings (for example, data deduplication), integration and catalog currency, and tips and tricks that are not covered in the product documentation. Using IBM Cloud® Object Storage and documenting how to use IBM Spectrum Protect to back up to the cloud. SAP HANA 2.0 SPS 05 has this feature that is built in natively. IBM Spectrum Protect for Enterprise Resource Planning (ERP) has this feature too. Documenting Linux ReaR to cover operating system (OS) backup because ReAR is used by most backup products, such as IBM Spectrum Protect and Symantec Endpoint Protection (SEP) to back up OSs. This publication targets technical readers including IT specialists, systems architects, brand specialists, sales teams, and anyone looking for a guide about how to implement the best options for SAP HANA backup and recovery on IBM Power Systems. Moreover, this publication provides documentation to transfer the how-to-skills to the technical teams and solution guidance to the sales team. This publication complements the documentation that is available at IBM Knowledge Center, and it aligns with the educational materials that are provided by IBM GarageTM for Systems Technical Education and Training.

Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll learn about: a. Technology Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements. b. Tools Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration. c. Key Roles Understand how to use SAP HANA as a developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center

This IBM® Redbooks® publication helps you install, tailor, and configure the new IBM PowerHA® SystemMirror® for AIX® 7.1.1 Standard Edition. This book gives an understanding of the Cluster Aware AIX (CAA). This book helps you design a solution to migrate from the previous version of the IBM PowerHA. This IBM Redbooks publication is targeted toward technical professionals (consultants, technical support staff, IT architects, and IT specialists) responsible for providing continuous availability solutions and support.

The Installation and Configuration Guide includes information to install and configure MicroStrategy products on Windows, UNIX, Linux, and HP platforms, as well as basic maintenance guidelines.

This IBM® Redpaper publication is part of a series of technical documentation to help the enablement of SAP on Linux for IBM Power Systems servers and IBM System StorageTM servers. This book describes how by using SAP Landscape Management (SAP LaMa) 3.0 software that clients gain full visibility and control over their SAP and non-SAP systems, including the underlying physical, virtual, and cloud infrastructures. With SAP LaMa, you can automate repetitive tasks to manage critical applications across complex, hybrid IT landscapes. This publication helps you to better control IT costs and increase business agility, for example, by freeing staff to focus on more strategic work rather than manual, error-prone tasks. The target audiences of this book are architects, IT specialists, and systems administrators deploying SAP LaMa 3.0 whom often spend much time and effort managing and provisioning SAP software systems and landscapes.