

# Sap Performance Optimization Guide

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**SAP Performance Optimization Guide** - Thomas Schneider 2018-01-28

**Practical Guide to SAP GTS Part 1: SPL Screening and Compliance Management** - Rajen Iyer 2015-10-18

SAP Global Trade Services (GTS) helps companies maximize supply chain performance and reduces the overall cost and risk of global trade by ensuring regulatory compliance, accelerating trade activity, and enabling trade compliance automation. The Practical Guide to SAP GTS helps the user navigate the system, while offering compliance insight to maximize their return on investment. Dive into difficult-to-navigate menus and review available functionality. Using screenshots and detailed instructions, readers will obtain best practices for meeting and exceeding compliance standards. Includes suggested audit plans to sustain long term compliance. The book is current to version 10.1 and explores version 11.0 and its new features. This book offers: - Tips and tricks for leveraging SAP GTS to automate trade compliance - Walk step by step through business processes - Overview of regulatory requirements and compliance suggestions - Review of Version 11.0 with screenshots

**Sybase Performance Tuning** - Shaibal Roy 1996

This text offers a detailed look at Sybase SQL Server Performance Tuning and a sneak peek at Sybase System 11 performance features. It compares and contrasts all recent major releases of Sybase SQL Server

[IBM Business Process Manager V8.5 Performance Tuning and Best Practices](#) - Mike Collins 2015-02-24

This IBM® Redbooks® publication provides performance tuning tips and best practices for IBM Business Process Manager (IBM BPM) V8.5.5 (all editions) and IBM Business Monitor V8.5.5. These products represent an integrated development and runtime environment based on a key set of service-oriented architecture (SOA) and business process management (BPM) technologies. Such technologies include Service Component Architecture (SCA), Service Data Object (SDO), Business Process Execution Language (BPEL) for web services, and Business Processing Modeling Notation (BPMN). Both IBM Business Process Manager and Business Monitor build on the core capabilities of the IBM WebSphere® Application Server infrastructure. As a result, Business Process Manager solutions benefit from tuning, configuration, and best practices information for WebSphere Application Server and the corresponding platform Java virtual machines (JVMs). This book targets a wide variety of groups, both within IBM (development, services, technical sales, and others) and customers. For customers who are either considering or are in the early stages of implementing a solution incorporating Business Process Manager and Business Monitor, this document proves a useful reference. The book is useful both in terms of best practices during application development and deployment and as a reference for setup, tuning, and configuration information. This book talks about many issues that can influence performance of each product

and can serve as a guide for making rational first choices in terms of configuration and performance settings. Similarly, customers who already implemented a solution with these products can use the information presented here to gain insight into how their overall integrated solution performance can be improved.

**Computer Performance Engineering** - Nigel Thomas 2011-10-05

This book constitutes the refereed proceedings of the 8th European Performance Engineering Workshop, EPEW 2011, held in The English Lake District in October 2011. The 16 regular papers and 6 poster presentations papers presented together with 2 invited talks were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on performance-oriented design and analysis methods, model checking and validation, simulation techniques and experimental design, performability modelling and performance and power consumption tradeoffs.

**SAP HANA on IBM Power Systems: High Availability and Disaster Recovery Implementation Updates** - Dino Quintero 2019-07-16

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 Systems™ 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 Spectrum™ 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.

*SAP Administration - Practical Guide* Sebastian Schreckenbach 2015-05-01

**SAP Backup using Tivoli Storage Manager** - Budi Darmawan 2013-04-26

In this IBM® Redbooks® publication, we give an overview of different data management topics related to a typical SAP® data center. The intrinsic functionality of SAP is not designed to completely handle all the tasks of a data center by itself, but the SAP system offers several interface possibilities to attach external tools to it to accomplish this task. We explain SAP basic concepts and the issues with SAP data management. We introduce Tivoli® Storage Manager and all of its products that are related to SAP data management. We provide some comparison between database backup and recovery tools. Finally, we discuss data archiving using IBM DB2® CommonStore for SAP, and discuss high availability requirements and disaster recovery considerations. The second part of this book discusses a practical implementation of SAP backup and recovery with Tivoli Storage Manager. We implement this setup on two separate SAP systems: one running DB2 and the other running Oracle® database. We also implement LAN-free backup and FlashCopy® scenarios. In the sample implementation section, we show many different tasks, such as backup and restore, database recovery, backup monitoring, and tuning. We also cover some advanced backup/availability considerations, such as split mirror backup and standby databases. This book helps individuals that operate an SAP environment to devise a strategy for a sound and comprehensive data backup solution using the IBM Tivoli Storage Management product family.

*SAP S/4HANA System Conversion Guide* - Mark Mergaerts 2020-07-29

If you're performing a brownfield migration from an existing SAP ERP system, this is the technical guide for you! From planning the project and preparing your system to adjusting custom code and executing the conversion, you'll get step-by-step instructions for all stages of your implementation. Troubleshooting tips and extensive coverage of the functional conversion will help you ensure that all your data makes it where it needs to be. The time to move to SAP

S/4HANA is here! Highlights include: 1) Brownfield implementation 2) Readiness checks 3) Simplification list 4) Project planning 5) Conversion roadmap 6) Software Update Manager (SUM) 7) Preprocessing, execution, and postprocessing 8) Modification adjustment 9) Custom code migration 10) Functional conversion 11) Troubleshooting

SAP BW Performance Optimization Guide - Thomas Schröder 2006

This book provides comprehensive guidance to analyze and optimize performance in SAP BW Release 3.5. First, the author introduces you to basic SAP BW concepts (architecture, data modeling), key methods and tools for systematic performance analysis, as well as exclusive data design tips. Then, benefit from expert insights on indices, statistics, database optimizers, and critical aspects of reporting performance. Full-length chapters deal with aggregates as well as extraction and loading performance. In addition, InfoCube partitioning and compression are discussed extensively. This unique reference gives administrators the background knowledge, practical guidance, and all the tools needed to effectively analyze and tune BW performance immediately. Plus, BW developers benefit from detailed data design descriptions and expert tips that cannot be found elsewhere.

**MySAP Toolbag for Performance Tuning and Stress Testing** - George W. Anderson 2004

In this book, a leading expert on SAP performance walks through every facet of tuning and optimizing mySAP Solutions, and the technology layers underpinning these solutions, to maximize performance and value. George W. Anderson covers the entire testing and tuning process: planning, staffing, developing, testing, executing, validating, evaluating ... and acting on what you've learned. Anderson offers guidance with regard to predicting the impact of system changes - from new hardware to updated NetWeaver-enabled business processes. Along the way, he shows how to make the most of countless optimization and monitoring tools - from free and low-cost technology stack-based utilities to comprehensive, automated SAP testing suites.

SAP R/3 Performance Optimization - Thomas Schneider 1999

Following on the success of Developing SAP's

R/3 Applications with ABAP/4, SAP and Sybex have joined forces to deliver a full series of practical guides on the most pressing topics. Written by SAP authors with SAP technical endorsement, these books are perfect for IT managers, consultants, administrators, implementers, and many other computing professionals.

**SAP Solution Manager** - Steve Christian 2017  
With this hands-on guide to SAP Solution Manager (SolMan) 7.2, you'll find everything you need to maintain your SAP landscape. --

Subsystem and Transaction Monitoring and Tuning with DB2 11 for z/OS - Paolo Bruni 2015-07-29

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.

Performance Optimization and Tuning Techniques for IBM Power Systems Processors Including IBM POWER8 - Brian Hall 2017-03-31

This IBM® Redbooks® publication focuses on gathering the correct technical information, and laying out simple guidance for optimizing code performance on IBM POWER8® processor-based systems that run the IBM AIX®, IBM i, or Linux operating systems. There is straightforward performance optimization that can be performed with a minimum of effort and without extensive previous experience or in-depth knowledge. The POWER8 processor contains many new and important performance features, such as support for eight hardware threads in each core and support for transactional memory. The POWER8 processor is a strict superset of the IBM POWER7+™ processor, and so all of the performance features

of the POWER7+ processor, such as multiple page sizes, also appear in the POWER8 processor. Much of the technical information and guidance for optimizing performance on POWER8 processors that is presented in this guide also applies to POWER7+ and earlier processors, except where the guide explicitly indicates that a feature is new in the POWER8 processor. This guide strives to focus on optimizations that tend to be positive across a broad set of IBM POWER® processor chips and systems. Specific guidance is given for the POWER8 processor; however, the general guidance is applicable to the IBM POWER7+, IBM POWER7®, IBM POWER6®, IBM POWER5, and even to earlier processors. This guide is directed at personnel who are responsible for performing migration and implementation activities on POWER8 processor-based systems. This includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs).

#### **IBM Power Systems Performance Guide: Implementing and Optimizing** - Dino

Quintero 2013-05-01

This IBM® Redbooks® publication addresses performance tuning topics to help leverage the virtualization strengths of the POWER® platform to solve clients' system resource utilization challenges, and maximize system throughput and capacity. We examine the performance monitoring tools, utilities, documentation, and other resources available to help technical teams provide optimized business solutions and support for applications running on IBM POWER systems' virtualized environments. The book offers application performance examples deployed on IBM Power Systems™ utilizing performance monitoring tools to leverage the comprehensive set of POWER virtualization features: Logical Partitions (LPARs), micro-partitioning, active memory sharing, workload partitions, and more. We provide a well-defined and documented performance tuning model in a POWER system virtualized environment to help you plan a foundation for scaling, capacity, and optimization. This book targets technical professionals (technical consultants, technical support staff, IT Architects, and IT Specialists) responsible for providing solutions and support

on IBM POWER systems, including performance tuning.

**SQLScript for SAP HANA** - Jörg Brandeis 2021  
"New to SQLScript-or maybe looking to brush up on a specific task? Whatever your skill level, this comprehensive guide to SQLScript for SAP HANA is for you! Master language elements, data types, and the function library. Learn to implement SAP HANA database procedures and functions using imperative and declarative SQLScript. Integrate with ABAP, SAP BW on SAP HANA, and SAP BW/4HANA. Finally, test, troubleshoot, and analyze your SQLScript programs. Code like the pros!"--

SAP Bw - Joe Darlak 2014-07-01

As an administrator, your ongoing to-do list dominates your desk. This book enables you to learn the daily, monthly, quarterly, and yearly administration tasks you should be performing, and how to perform them. It can help you advance your SAP NetWeaver BW system from a B-movie to a blockbuster.

*SAP Performance Optimization Guide* Thomas Schneider 2008

This book describes how you can optimize the performance of your SAP solution and ensure it operates as cost-effectively as possible. Learn how to systematically identify and analyze performance problems, implement appropriate tuning measures, and evaluate their effectiveness. The book covers both technical optimization as well as the monitoring of applications. From hardware, to your ABAP and Java programs, to database access each potential performance bottleneck is highlighted, along with corresponding instructions and valuable tips \_ provided directly from support professionals at SAP. This fifth edition has been completely revised and updated for SAP NetWeaver 7.0. New sections cover topics related to the analysis of Web Dynpro applications, the SAP J2EE engine, SAP JVM, and SAP Solution Manager Diagnostics.

**Hibernate Tips** - Thorben Janssen 2018-01-09

When you use Hibernate in your projects, you quickly recognize that you need to do more than just add @Entity annotations to your domain model classes. Real-world applications often require advanced mappings, complex queries, custom data types and caching. Hibernate can do all of that. You just have to know which

annotations and APIs you need to use. **Hibernate Tips - More than 70 solutions to common Hibernate problems** shows you how to efficiently implement your persistence layer with Hibernate's basic and advanced features. Each Hibernate Tip consists of one or more code samples and an easy to follow step-by-step explanation. You can also download an example project with executable test cases for each Hibernate Tip. Throughout this book, you will get more than 70 ready-to-use solutions that show you how to:

- Define standard mappings for basic attributes and entity associations.
- Implement your own attribute mappings and support custom data types.
- Use Hibernate's Java 8 support and other proprietary features.
- Read data from the database with JPQL, Criteria API, and native SQL queries.
- Call stored procedures and database functions.

This book is for developers who are already working with Hibernate and who are looking for solutions for their current development tasks. It's not a book for beginners who are looking for extensive descriptions of Hibernate's general concepts. The tips are designed as self-contained recipes which provide a specific solution and can be accessed when needed. Most of them contain links to related tips which you can follow if you want to dive deeper into a topic or need a slightly different solution. There is no need to read the tips in a specific order. Feel free to read the book from cover to cover or to just pick the tips that help you in your current project.

### **MongoDB Performance Tuning** - Guy

Harrison 2021-04-19

Use this fast and complete guide to optimize the performance of MongoDB databases and the applications that depend on them. You will be able to turbo-charge the performance of your MongoDB applications to provide a better experience for your users, reduce your running costs, and avoid application growing pains. MongoDB is the world's most popular document database and the foundation for thousands of mission-critical applications. This book helps you get the best possible performance from MongoDB. **MongoDB Performance Tuning** takes a methodical and comprehensive approach to performance tuning that begins with application and schema design and goes on to cover optimization of code at all levels of an

application. The book also explains how to configure MongoDB hardware and cluster configuration for optimal performance. The systematic approach in the book helps you treat the true causes of performance issues and get the best return on your tuning investment. Even when you're under pressure and don't know where to begin, simply follow the method in this book to set things right and get your MongoDB performance back on track. **What You Will Learn**

- Apply a methodical approach to MongoDB performance tuning
- Understand how to design an efficient MongoDB application
- Optimize MongoDB document design and indexing strategies
- Tune MongoDB queries, aggregation pipelines, and transactions
- Optimize MongoDB server resources: CPU, memory, disk
- Configure MongoDB Replica sets and Sharded clusters for optimal performance

**Who This Book Is For**

Developers and administrators of high-performance MongoDB applications who want to be sure they are getting the best possible performance from their MongoDB system. For developers who wish to create applications that are fast, scalable, and cost-effective. For administrators who want to optimize their MongoDB server and hardware configuration.

### **IBM Software for SAP Solutions** - Yaro

Dunchych 2015-09-29

SAP is a market leader in enterprise business application software. SAP solutions provide a rich set of composable application modules, and configurable functional capabilities that are expected from a comprehensive enterprise business application software suite. In most cases, companies that adopt SAP software remain heterogeneous enterprises running both SAP and non-SAP systems to support their business processes. Regardless of the specific scenario, in heterogeneous enterprises most SAP implementations must be integrated with a variety of non-SAP enterprise systems: Portals Messaging infrastructure Business process management (BPM) tools Enterprise Content Management (ECM) methods and tools Business analytics (BA) and business intelligence (BI) technologies Security Systems of record Systems of engagement The tooling included with SAP software addresses many needs for creating SAP-centric environments. However, the classic approach to implementing SAP functionality

generally leaves the business with a rigid solution that is difficult and expensive to change and enhance. When SAP software is used in a large, heterogeneous enterprise environment, SAP clients face the dilemma of selecting the correct set of tools and platforms to implement SAP functionality, and to integrate the SAP solutions with non-SAP systems. This IBM® Redbooks® publication explains the value of integrating IBM software with SAP solutions. It describes how to enhance and extend pre-built capabilities in SAP software with best-in-class IBM enterprise software, enabling clients to maximize return on investment (ROI) in their SAP investment and achieve a balanced enterprise architecture approach. This book describes IBM Reference Architecture for SAP, a prescriptive blueprint for using IBM software in SAP solutions. The reference architecture is focused on defining the use of IBM software with SAP, and is not intended to address the internal aspects of SAP components. The chapters of this book provide a specific reference architecture for many of the architectural domains that are each important for a large enterprise to establish common strategy, efficiency, and balance. The majority of the most important architectural domain topics, such as integration, process optimization, master data management, mobile access, Enterprise Content Management, business intelligence, DevOps, security, systems monitoring, and so on, are covered in the book. However, there are several other architectural domains which are not included in the book. This is not to imply that these other architectural domains are not important or are less important, or that IBM does not offer a solution to address them. It is only reflective of time constraints, available resources, and the complexity of assembling a book on an extremely broad topic. Although more content could have been added, the authors feel confident that the scope of architectural material that has been included should provide organizations with a fantastic head start in defining their own enterprise reference architecture for many of the important architectural domains, and it is hoped that this book provides great value to those reading it. This IBM Redbooks publication is targeted to the following audiences: Client decision makers and solution architects leading enterprise

transformation projects and wanting to gain further insight so that they can benefit from the integration of IBM software in large-scale SAP projects. IT architects and consultants integrating IBM technology with SAP solutions.

**SAP Business ByDesign Studio** - Thomas Schneider 2012

\* Learn how to develop your own add-ons and custom-specific solutions to SAP Business ByDesign \* Work with the Scripting Language to implement new business objects, and design your own UIs \* Discover how to sell and distribute your custom applications Get ready for a new era of SAP programming! This book is your first and ultimate guide to developing for SAP Business ByDesign. See the new development environment and the Scripting Language in action, understand how to model and implement business objects, and design your own UIs. Begin a journey deep into the inner workings of SAP's new business solution! Studio and Scripting Language Explore all features and functions of the new development environment. Learn how to implement new business objects using the SAP Business ByDesign Scripting Language. Business Objects and UIs Extend existing business objects and UIs, design new UIs, and define your own business objects with nodes, associations, actions, queries, and messages. Full-Fledged Applications Integrate your business objects and UIs to create new applications. Enrich them with analytical functions, and integrate them with output and web services as well as workflows. Architecture and Platform Fundamentals Understand the architecture building blocks and fundamental business concepts of SAP Business ByDesign, and learn how to work with built-in reuse services. Tutorials, Tutorials, Tutorials Find over 70 hands-on tutorials, which ensure that you won't just understand the theory, but also learn by doing everything yourself. Highlights \* SAP Business ByDesign studio and Scripting Language \* Business object modeling, implementation, and extension \* User interface extension and creation \* Business configuration \* Business analytics \* Service integration \* Business object engine, user interface engine, and extensibility framework \* Business Partner, Organizational Unit, Party, and Identity \* Lifecycle management and SAP Store

**SAP HANA Advanced Modeling** - Dr. Stefan Hartmann 2015-09-06

This book introduces developers and architects to the methods and options for implementing smart SAP HANA solutions based on real-world projects, and field tests. It contains clear recommendations for setting up data models, optimizing performance, using the SAP HANA modeler and development perspectives, and for solving complex requirements efficiently. Using a case study to walk through SAP HANA design elements and options, the authors share practical examples, tips, and screenshots for explaining and demonstrating the intricacies of SAP HANA. This book provides SAP HANA design patterns with the best balance between performance, memory consumption, and maintainability. Learn how to leverage advanced modeling techniques for implementing a sustainable architecture and for solving further business problems. • Data modeling guidelines and common test approaches • Information view performance optimization • Modular solutions to complex requirements • Best practices and recommendations

*SAP Analytics Cloud Performance Optimization Guide* - Erik Bertram

**MDX Reporting and Analytics with SAP NetWeaver BW** - Larry Sackett 2009-08

MDX (Multi-Dimensional eXpressions) is extraordinarily powerful, and is used for both self-service reporting and advanced analytics. If you are going to do multi-dimensional analysis, you have to know MDX. MDX enables business users to perform analyses and generate reports that are next to impossible in any other query language, such as SQL, or even in BEx queries. This is the complete guide to generating effective reports and solving business problems using MDX in NetWeaver BW. First, the author introduces you to this extraordinarily powerful query and calculation language for both advanced analytics and self-service reporting. With expert guidance, you'll explore the idiosyncrasies of the MDX language and understand what object(s) each function takes as inputs and what they generate as outputs. Then, get an in-depth look at self-service reporting and analytics with MDX and how well these tasks are accomplished depending in large part on the

modeling of InfoCubes. You'll find out about techniques for improving query response time, including use of the SAP NetWeaver BW Accelerator. Finally, you'll also learn about the recent and substantial enhancements to the SAP NetWeaver BW MDX engine, the MDX-based OLAP BAPI, and the OLAP Data Access (ODA) component in SAP BusinessObjects.

**SAPUI5** - Paul Modderman 2020

"Your comprehensive guide to SAPUI5! From get the know-how to develop MVC apps, use OData, create data bindings, debug and test code, and deploy apps. Learn the dos and don'ts of SAPUI5 and everything in between, whether you're implementing CRUD operations or writing your own controls. See what's new with SAP Cloud Platform, SAPUI5 support assistant, and more. Your best apps are yet to come"--

**SAP HANA 2.0 Security Guide** - Jonathan Haun 2020

Your complete guide to safeguarding your SAP HANA 2.0 platform awaits! Get step-by-step instructions for configuring and maintaining each security element, from the new SAP HANA cockpit to privileges and roles. Learn how to secure database objects and provision and maintain user accounts. Then, dive into managing authentications, certificates, audits, and traces. Highlights include: 1) SAP HANA cockpit 2) Privileges 3) Catalog objects 4) User accounts 5) Roles 6) Authentication 7) Certificate management 8) Encryption 9) Lifecycle management 10) Auditing 11) Security tracing

**Trino: The Definitive Guide** - Matt Fuller 2021-04-14

Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store. Analysts, software engineers, and production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to

allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor workloads, tune queries, and connect more applications; learn how other organizations apply Trino

*SAP BW Performance Optimization* Shreekanth Shiralkar 2015

Optimal SAP Business Warehouse reporting performance requires regular monitoring and identification of a potential performance issues. In this book, you will learn the most important processes and tools that help identify bottlenecks and solutions to solve them. Dive into the fundamental aspects of data modeling to efficient ETL (Extract, Transform, Load) This book will quickly enable SAP BW professionals to apply the techniques covered in this book to improve performance with hands-on advice and screenshots. This complete guide to SAP BW performance optimization covers: - Quick gains in performance - Practical applications - Comprehensive coverage on performance optimization - Leveraging tools and utilities from ETL to reporting processes

**POWER7 and POWER7+ Optimization and Tuning Guide** - Brian Hall 2013-03-04

This IBM® Redbooks® publication provides advice and technical information about optimizing and tuning application code to run on systems that are based on the IBM POWER7® and POWER7+™ processors. This advice is drawn from application optimization efforts across many different types of code that runs under the IBM AIX® and Linux operating systems, focusing on the more pervasive performance opportunities that are identified, and how to capitalize on them. The technical information was developed by a set of domain experts at IBM. The focus of this book is to gather the right technical information, and lay out simple guidance for optimizing code performance on the IBM POWER7 and POWER7+ systems that run the AIX or Linux operating systems. This book contains a large amount of straightforward performance

optimization that can be performed with minimal effort and without previous experience or in-depth knowledge. This optimization work can: Improve the performance of the application that is being optimized for the POWER7 system Carry over improvements to systems that are based on related processor chips Improve performance on other platforms The audience of this book is those personnel who are responsible for performing migration and implementation activities on IBM POWER7-based servers, which includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs). **ABAP Performance Tuning** - Herman Gahm 2009-06

This book is your guide for analyzing and optimizing ABAP source code. You ll learn about the analysis tools and performance-relevant technologies, and discover how you can analyze existing source code and enhance your programming style. This is the resource you need to ensure that your ABAP programs are fully optimized. 1 Analysis Tools After reading this book, you ll know when and how to use analysis tools properly including Code Inspector, performance trace, ABAP trace, or single records statistics. 2 Programming Technologies Get detailed information on parallel processing, internal tables, SQL data processing, and much more, and learn how these technologies affect performance. 3 Buffering Explore the different buffers that are available on the SAP NetWeaver Application Server ABAP, and learn the most important buffer options to avoid unnecessary database accesses. 4 Database Tuning You ll obtain a description of the database architecture and the technical background of database accesses, and master the tuning options for database accesses. 5 New Developments Learn from a comprehensive overview of the new developments in ABAP Release 7.0, EhP2, such as Transaction SAT, the innovations of the performance trace, and changes of internal tables.

[SAP Performance Optimization Guide](#) - Thomas Schneider 2002-07

**SAP CRM Middleware Optimization Guide** - Juliane Bode 2007

Now you can proactively avoid administration

problems with CRM Middleware - whether they be performance losses or even complete system freezes - using this comprehensive book, based on the extensive experience of SAP Active Global Support. You'll learn the basics of data processing in the Middleware (input processing, validation, output processing) and get concrete troubleshooting advice. Plus, uncover a vast array of optimization options for all critical parts of the Middleware, as well as practical instruction on how to avoid system freezes and on how to handle those freezes once they've occurred. Based on CRM Release 5.0, this book is also highly useful for those still working with the older Release 4.0. In addition, wherever possible, the authors also provide you with sneak previews of the upcoming release 6.0 as well. Highlights Include: \* Input processing and validation \* Output processing \* BDoc modelling and storage \* Groupware integration \* Exchanging your own data \* Replication & Realignment \* XML \* Reorganizing the Middleware \* Mass changes \* Roadmaps for analyzing the Middleware

**Practical Guide to SAP ABAP Part 2: Performance, Enhancements, Transports** - Thomas Stutenbäumer 2016

This book offers a comprehensive practical guide to SAP ABAP development for ABAP professionals. Part 2 explores program performance, authorizations, error analysis, corrections, and SAP Transport Management along with how to tailor SAP applications. Dive into performance analysis and get tips on using the performance trace and ABAP runtime analysis. Walk through the tools available to enhance standard SAP applications such as the Modification Assistant, user exits, business add-ins (BAIs), and the Enhancement Framework. Identify techniques for authorization management and find out how SAP ABAP developers can impact data protection. Obtain best practices for identifying the cause of application errors. Get step-by-step instructions for transports and learn how to correct errors. By using practical examples, tips, and screenshots, the author brings readers up to speed on the fundamentals of SAP ABAP development. - Developer influence on performance - SAP access and account management techniques - Modifications and

enhancements to SAP standard - SAP Transport Management System

**SAP System Landscape Optimization** - Andreas Schneider-Neureither 2004

Inventory Management and Optimization in SAP ERP - Elke Roettig 2016-02-01

**SAP HANA 2.0** - Denys Van Kempen 2019  
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

**SAP NetWeaver AS ABAP - System Administration** - Frank Föse 2011-11

- Understand the Basis system's inner workings to quickly address critical situations
- Get step-by-step instructions and practical tips on administration
- Explore new information on SAP Solution Manager 7.1, enhancement packages, and the new monitoring infrastructure
- 4th edition, updated and expanded

In the fourth edition of this flagship reference, you'll find updated, expanded, and revised information of

the most important administration topics for SAP NetWeaver Application Server ABAP. From getting started with the system, to client administration and authorization concepts, to system monitoring, you'll find all administration tools and practical instructions to optimally configure your system. This book is an essential companion for your daily work.

**All Concepts Explained** Learn everything you need to know about the functioning of SAP Basis. After reading this book, SAP specifics such as work processes, authorizations, and monitoring will no longer baffle you.

**Tools in Practical Use** Get to know the function and handling of all administration tools, which includes SAP NetWeaver Administrator, DBA Cockpit, transport tools, and many more.

**Concrete Instructions** Reproduce the most essential administrator tasks, based on detailed descriptions and comprehensive screenshots.

**Tips from SAP Support Experts** Gear up for critical situations, and benefit from the day-to-day experience that the authors gained in many years of working in SAP support.

**New in this Edition** Expand your knowledge with this new edition. It now includes sections on SAP Solution Manager 7.1, Monitoring and Alert Infrastructure, System Landscape Directory, and CTS+.

**Highlights**

- SAP NetWeaver AS ABAP architecture
- Dialog and background processing
- Accounting and lock management
- Setting up a system landscape
- Client

administration

- SAP clients, users, and authorizations administration
- Software logistics and instance maintenance
- System monitoring
- SAP Solution Manager

**Managing SAP ERP 6.0 Upgrade Projects** - Martin Riedel 2009

This book provides project managers and project team members with comprehensive information on upgrade projects to SAP ERP 6.0. You'll learn everything you need to decide whether an upgrade is the right option for your organization, and you'll find all information necessary to prepare, manage, and execute an upgrade project, while avoiding costly mistakes. After explaining the SAP tools and services for determining the value of an upgrade, the author details the tasks of the individual project phases. You'll explore how to schedule the project, and how to estimate costs and risks. You'll also learn how to build the project team and organize test cycles, plus, how to plan for a smooth cutover. And, of course, upgrade execution is also dealt with extensively: Managing the system landscape while minimizing downtime shouldn't give you much trouble after reading this book. In addition, SAP Solution Manager, the technical upgrade tools, testing tools, services and more are covered in a separate tools chapter. This invaluable resource is nicely complemented by a collection of detailed customer case studies.