

## Access Free Sap Netweaver As Abap System Administration

# Sap Netweaver As Abap System Administration

With this practical guide, you'll learn how to develop mappings, adapters, and proxies for SAP NetWeaver Process Integration. Each exercise includes detailed descriptions for all development and configuration objects (including monitoring), and then concludes with an integration example. The book is suitable for SAP NetWeaver

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PI beginners, and can also serve as a reference guide for experienced users.

Presentation from a Developer s Perspective Provides a detailed overview of the features and capabilities of SAP NetWeaver PI from a developer s point of view.

Comprehensive Exercises Explains mappings, adapters, and proxies using practical, hands-on development of components. Concrete Activity Guidelines Offers detailed tutorials

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with numerous programming examples to explain the implementation of all development and configuration objects.

Multilayer Scenario Uses an integration example to explain the process of implementing a sales process (inquiry, quotation, ordering, and billing).

Presentation Across Releases Provides an overview of all procurement processes, along with a list of the transactions in the SAP system.

There are many things developers and

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administrators must consider when designing a successful portal application, including how content will be published, how to integrate custom developments, and how to connect to external systems. This book enables you to meet all of these requirements for creating applications for SAP NetWeaver Portal and publishing portal content. The book first provides a step-by-step introduction to roles, worksets, pages, and iViews. From there it guides you

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through all essential implementation phases, including user administration, connecting external systems using single sign-on, layout of externally facing portals, and ultimately transporting data to your live system. Two detailed workshops provide hands-on examples showing you exactly how to customize portal components and even create new ones.

Interface programming in SAP ABAP offers a straightforward path into the

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world of ABAP interfaces. This book introduces readers to all relevant classic technologies for system-to-system communication using ABAP, including synchronous and asynchronous techniques. Learn how to leverage the RFC protocol to create applications and gain an understanding of how it serves as a foundation for modern interfaces, such as Web Services in ABAP. Learn how to create an RFC in three minutes and walk through a detailed example. Dive

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into creating and using BAPIs, IDocs, and ALE. Explore important aspects of using function modules in SAP S/4HANA. Get an overview of SAP Connectors. - Overview of classic SAP ABAP interface techniques - Remote Function Call (RFC) and BAPIs - IDoc and ALE - Using Remote Function Module (RFM) und BAPIs in SAP S/4HANA

This comprehensive technical guide shows developers, technical consultants, and solution architects

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all the ins and outs of the Universal Worklist in SAP NetWeaver Portal. This hands-on workshop takes you, step by step, from standard configuration to working with different user interfaces and covers workflow integration from any back-end systems. Readers get an exclusive look under the hood of the Universal Worklist functionality and gain insight on future application scenarios. By reading this guide you will be able to reconfigure existing



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applications to conform with the UWL, write UWL-specific applications or transactions and adapt data sets in order to have the appropriate work item IDs created. Many screenshots and code samples illustrate the processes in detail, allowing you work with the UWL functionality appropriately - just as you will soon be doing in your daily work. Highlights: - Standard UWL configuration: Connecting SAP systems, items in the UWL, changing the basic

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look - Customizing UWL: Custom views,  
custom work item handlers - Integrating  
other types of workflow: Ad-hoc  
workflow, publishing workflow, 3rd  
party workflow - UWL behind the scenes:  
Performance tuning, working around  
limitations, SAP function modules  
Next Generation ABAP Development  
Web Dynpro ABAP for Practitioners  
SAP Backup using Tivoli Storage Manager  
SAP Administration  
Analyzing and Tuning SAP Systems

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### Interface Programming in SAP ABAP

Use step-by-step instructions to increase the efficiency of your daily work Learn from hundreds of screenshots and numerous checklists Discover tips and tricks for both routine and special activities This administrator's guide explains the tasks that you have to accomplish in order to master the administration of SAP systems. Click-by-click and with numerous screenshots, you will learn about all work processes that are relevant to everyday practice: routine and special tasks, administration with SAP Solution Manager, and the administration of operating systems, databases, and authorizations. The book is based on SAP

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NetWeaver AS ABAP 7.0/7.1, and is applicable to users of earlier and later releases. Routine and Special Administration Tasks Learn about every administration task, from daily jobs to system recovery steps that must be performed after a serious system failure. Practical Knowledge Benefit from descriptions that focus on real-life duties, with background information that will help you to better accomplish your tasks. Detailed Click-by-Click Instructions Explore detailed step-by-step instructions, illustrated by screenshots. This enables you to easily understand the processes and reproduce them in your system. Checklists, Transactions, Forms, and More Download all checklists for critical tasks or

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for a security strategy from the book. The appendices also contain helpful lists with transactions and tables, as well as predefined forms.

Implement a powerful end-to-end SAP administration solution Get peak performance from your SAP ERP infrastructure using the detailed implementation, maintenance, and support information in this comprehensive resource. SAP Basis Administration Handbook, NetWeaver Edition delivers integrated management strategies covering both ABAP and Java stacks. Discover how to deploy components, accurately size throughout, configure Oracle databases, back up your

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system, and repair performance problems. Career trends, certification requirements, and marketable SAP Basis skills are also discussed in this practical guide. Essential Skills for SAP Professionals: Plan, prepare, and install SAP NetWeaver Application Server Set up, configure, and troubleshoot Java and ABAP stacks Establish server infrastructure and efficiently balance workloads Incorporate transport management and software logistics Resolve performance issues and startup problems Access SAP support infrastructure through SAP Service Marketplace Manage and back up Oracle databases using BR\*TOOLS Perform system copies, stack upgrades, and OS/DB migrations

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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

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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.

- Presents the most recent ABAP technologies and tools through the eyes of a developer
- Includes new content on syntax enhancements, Web Dynpro, SAP BusinessObjects



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integration, XML processing, Rich Islands, and more • Companion CD includes an HTML version of the first edition, as well as code samples

Next Generation ABAP Development is a book designed to keep seasoned developers up-to-date with the latest techniques and technologies available in ABAP. In the second edition of this best-selling title, follow along with a lead ABAP developer as he learns how to assess and employ the new tools and features of ABAP within SAP NetWeaver 7.0 to 7.0 enhancement package 2 (EhP2). You'll be able to witness the entire process of building applications: design, development, and testing of all areas. In addition, you'll also become

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familiar with end-to-end object-oriented design techniques. New Tools and Features Keep your ABAP knowledge up-to-date by mastering the new tools and features of ABAP within SAP NetWeaver 7.0 to 7.0 EhP2. Real-World Examples Learn about new possibilities in ABAP by exploring example scenarios related to the fictional development project discussed throughout the book. Brand New Content Explore completely new content about ABAP syntax enhancements, Web Dynpro, XML processing, SAP BusinessObjects integration, and more. ABAP Troubleshooting and Web Services Find expanded and updated information about ABAP troubleshooting and Web

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Services.CD ContentBenefit from a CD that contains code samples and an HTML version of the first edition of this

book.Highlights • Workbench tools and package hierarchy • ABAP syntax enhancements • Data Dictionary objects • Data persistence layer • Shared memory objects • ABAP and SAP NetWeaver Master Data • Management • XML processing and XSLT • SAP Interactive Forms by Adobe

ABAP Programming in SAP NetWeaver

SAP NetWeaver MDM 7.1 Administrator's Guide

SAP NetWeaver Web Application Server

SAP System Administration Fundamentals

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Leveraging the Business Intelligence Capabilities of SAP NetWeaver

Upgrading SAP®

*• 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*

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*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*

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*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 Connect your SAP system and the world of OData with this comprehensive guide to SAP Gateway! Begin with the basics, then walk through the steps to create an OData*

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*service. Expand your skills further, with how-tos on developing SAPUI5 apps with the SAP Web IDE; building SAP Fiori, mobile, and enterprise applications; and performing administrative tasks for lifecycle management and security. Explore the latest trends and technologies, and map out your OData future!*

*a. Deployment, Installation, Configuration Get started! Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration.*

*b. OData Services Create! Walk through the specific tools for and steps in creating OData services. Then learn how to extend your existing OData services, including redefining services and customizing SAP Fiori apps.*

*c. Application Development Develop! Learn how OData and SAP Gateway are used in*

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*SAPUI5, SAP Fiori, mobile, social media, and enterprise applications. Highlights: SAP Gateway installation and deployment OData service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA Galileo Press heißt jetzt Rheinwerk Verlag.*

*Customize extraction and loading processes, reporting, and planning Optimize your system by learning from detailed examples and commented code Reference a new appendix that outlines exits and enhancements in SAP NetWeaver BW 7.33rd Edition Updated for SAP NetWeaver BW 7.3 Steer your BW-specific programming and push your implementation beyond standard BI business requirements! This book is your trusted guide to the most often-used and*



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*helpful custom enhancements in SAP NetWeaver BW. Dive into user exits and BAdIs for data extracting, importing, reporting, and planning. You'll develop an understanding of why these custom enhancements are necessary, when to apply them, and how to perform them. Up to date for SAP NetWeaver BW 7.3, this edition will kick your implementation up a notch. System Performance Understand the impact that well-chosen ABAP developments can have on the performance of the SAP NetWeaver BW system. Data Record Modification Differentiate between user exits and BAdIs and learn when to apply each technique in your own custom development. Customer Exits A completely new appendix highlights important customer exits in administrator workbench,*

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*extraction, reporting, and planning. New Transformation Options Understand how the updated transformation options have been extended and which new features they provide, such as graphical display of rules. Practical Application Helpful icons flag tips that will make your work easier, caution you about frequent errors made by developers, and offer practical examples. Understand ABAP objects--the object-oriented extension of the SAP language ABAP--in the latest release of SAP NetWeaver 7.5, and its newest advancements. This book begins with the programming of objects in general and the basics of the ABAP language that a developer needs to know to get started. The most important topics needed to perform daily support jobs and ensure successful projects*

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*are covered. ABAP is a vast community with developers working in a variety of functional areas. You will be able to apply the concepts in this book to your area. SAP ABAP Objects is goal directed, rather than a collection of theoretical topics. It doesn't just touch on the surface of ABAP objects, but goes in depth from building the basic foundation (e.g., classes and objects created locally and globally) to the intermediary areas (e.g., ALV programming, method chaining, polymorphism, simple and nested interfaces), and then finally into the advanced topics (e.g., shared memory, persistent objects). You will know how to use best practices to make better programs via ABAP objects. What Youll Learn: Know the latest advancements in ABAP objects with the new SAP Netweaver system*

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*Understand object-oriented ABAP classes and their components Use object creation and instance-methods calls Be familiar with the functions of the global class builder Be exposed to advanced topics Incorporate best practices for making object-oriented ABAP programs.*

*Sap Certified Technology Associate*

*Practical Guide to SAP NetWeaver PI - Development*

*The IT Administrator's Guide to Best Practices*

*SAP NetWeaver For Dummies*

*Web Programming in ABAP with the SAP Web Application Server*

*Exits, BAdIs, and Enhancements*

**Web Dynpro ABAP, a NetWeaver web application user interface tool from SAP,**

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**enables web programming connected to SAP Systems. The authors' main focus was to create a book based on their own practical experience. Each chapter includes examples which lead through the content step-by-step and enable the reader to gradually explore and grasp the Web Dynpro ABAP process. The authors explain in particular how to design Web Dynpro components, the data binding and interface methods, and the view controller methods. They also describe the other SAP NetWeaver Elements (ABAP Dictionary, Authorization) and the**

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**integration of the Web Dynpro Application into the SAP NetWeaver Portal. The new edition has been expanded to include chapters on subjects such as POWER Lists; creating the Modal Windows and External Windows; using Web Dynpro application parameters and Shared Objects to communicate between the Web Dynpro ABAP Application and Business Server Pages; and creating multi-language mails using Web Dynpro ABAP. This completely revised, updated, and extended edition of our bestselling reference**

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**book describes all subject areas related to system administration with SAP NetWeaver Application Server ABAP. From getting started with the system, to client administration and authorization concepts, to system monitoring, this book introduces all administration tools and contains practical instructions to optimally configure your system. In-depth background knowledge and useful tips help you make the right decisions help you make the right decisions quickly — even in emergency situations. The book provides essential**

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**support for your daily work and it helps you prepare for the examination to become a Certified Technical consultant. This third edition is up-to-date for SAP NetWeaver AS ABAP 7.0 and 7.1, and has been extended with numerous new topics, such as Solution Manager, SAP NetWeaver Administrator ABAP tools, and SAP NetWeaver PI. 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**



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**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**

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**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**

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**3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center**

**Take your SAP ABAP skills to the next level by mastering ABAP programming techniques with the help of real-world examples Key Features Become adept at building interfaces and explore ABAP tools and techniques Discover the modern functionalities available in the latest version of ABAP Learn the process of creating stunning HTML5 applications using SAPUI5 Book Description Advanced Business**

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**Application Programming (ABAP) is an established and complex programming language in the IT industry. This book is designed to help you use the latest ABAP techniques and apply legacy constructions using practical examples. You'll start with a quick refresher on language and database concepts, followed by agile techniques for adding custom code to a modern ABAP system. After this, you will get up to speed with the complete ABAP toolset for importing data to and from different environments. Next, you'll learn how to print**

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**forms and work with the different ABAP tools for Extensible Markup Language (XML) manipulation. While covering further chapters, you'll gain insights into building stunning UI5 interfaces, in addition to learning how to develop simple apps using the Business Object Processing Framework (BOPF). You will also pick up the technique of handling exceptions and performing testing in ABAP. In the concluding chapters, you can look forward to grasping various techniques for optimizing the performance of programs using a variety of performance**

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**analysis tools. By the end of this book, you will have the expertise you need to confidently build maintainable programs in Systems, Applications, and Products (SAP). What you will learn**  
**Create stable and error-free ABAP programs**  
**Leverage new ABAP concepts including object-oriented programming(OOP) and Model-View-Controller (MVC)**  
**Learn to add custom code to your existing SAP program**  
**Speed up your ABAP programs by spotting bottlenecks**  
**Understand techniques such as performance tuning and**

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**optimization**Develop modern and beautiful user interfaces (UIs) in an ABAP environmentBuild multiple classes with any nesting levelWho this book is for This book is for developers who want to learn and use ABAP skills to become an industry expert. Familiarity with object-oriented programming concepts is expected. A complete guide to developing fast, durable, and maintainable ABAP programs in SAP

**Integrating IBM Security and SAP Solutions**  
**SAP System Security Guide**

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## **An Introduction**

## **SAP NetWeaver AS ABAP System Administration**

## **SAP Performance Optimization Guide**

*his book offers a complete understanding of all administration tasks that arise in a live SAP NetWeaver BW system and provides guidance on ways to solve any problems that might occur. Coverage includes all topics relevant to administration and monitoring of SAP NetWeaver BW, including basic principles, tasks, analysis, and troubleshooting.*



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*Basic Principles Understand the basic principles and technology components necessary for administering and monitoring SAP NetWeaver BW. Platform Learn about SAP NetWeaver AS ABAP and SAP NetWeaver AS Java, which have long proven themselves as high-performance platforms for ABAP-based and J2EE-based applications and represent a complete infrastructure for SAP NetWeaver BW. Database Management Explore the fundamentals of SAP NetWeaver BW database management, with a special emphasis on indices, which are of high*

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*significance both for data loading processes and for reporting. System Connections and Access Master a basic knowledge of the technologies around system connections, including IDocs, which ensure the required quality for administration and monitoring of loading processes. Monitoring and Analysis Tools Benefit from an overview of the monitoring and analysis tools that are most important for a BW administrator.*

*Imagine that it's the 1950s, and you are in charge of developing the U. S.*

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*interstate system. There are countless roads already in use. The system can go in numerous different directions. Where do you begin? Starting to transform your business with SAP NetWeaver is that daunting. NetWeaver is both an application platform and an integration platform. It integrates your current IT systems to enable portals, collaboration, data management, and development environments. To grasp the complexities and possibilities of SAP ASAP, dig in with SAP NetWeaver For Dummies and explore: MySAP*

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*Business Suite SAP Enterprise Planning Resource (ERP), Customer Relationship Management (CRM), Supply Chain Management (SCM), Human Capital Management (HCM), Product Lifecycle Management (PLM), Supplier Relationship Management (SRM), and more Mobile Infrastructure that performs like a universal translator for mobile interfaces, including laptops, wireless phones, and PDAs Master Data Management, including using the content consolidation technique to “clean up” data, master data harmonization to*

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*distribute it, and central master data management to maintain a data repository Web Application Service and NetWeaver Developer Studio—tools that let you integrate and create your own customized applications* Written by Dan Woods, former CTO of The Street.com and CapitalThinking, and Jeffrey Word, the Director of Technology Strategy for SAP, this guide features real-life stories from businesses and examples of typical uses to help you cut through the complexities and get up and running. It includes a CD-ROM with:

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*Detailed white papers and product overviews Stores from customers using SAP NetWeaver today Demos that show SAP NetWeaver in action A directory of resources for additional information Like that interstate system, SAP NetWeaver doesn't have to be integrated all at once. You choose the applications that have the most potential to benefit your company's operations and bottom line. SAP NetWeaver For Dummies even gives you recommendations for rolling it out and suggests practical ways to get started and get quick returns*

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*on your SAP investment. Then you're going full-speed ahead on the road to success! This book introduces portal administrators, developers, consultants, and IT managers to the structure and key application areas of SAP NetWeaver Portal Release 7.0. Starting with a brief description of the basics of enterprise portals in the SAP NetWeaver and Enterprise SOA environments, the book goes on to provide you with essential technical details of the portal's functionalities and underlying architecture. Role*

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*management, authentication mechanisms, knowledge and content management, unification, and application and system integration are just a sample of the areas covered. In addition, an entire chapter is devoted to portal installation and configuration. The much-anticipated book provides you with a solid technical grounding and a comprehensive introduction to portal development and administration, enabling you to immediately implement what you've learned. Numerous examples, exclusive tips and detailed screenshots,*



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*which are used throughout the book, give you an in-depth understanding of all relevant function areas, making this a truly indispensable reference.*

*Highlights Include:*

- \* Functions: Knowledge Management, Collaboration, Unification, Portal Content Studio*
- \* Architecture: Portal Scenarios, Portal Framework, Connectors*
- \* Installation and Configuration: Components, Basic Settings, Special Features*
- \* Administration: Authorization and User Management, Monitoring and Reporting, Security, Single*

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*Sign-On, Transport System \* Development:  
Web Dynpro ABAP/Java, SAP NetWeaver  
Developer Studio, Composite Application  
Framework, SAP NetWeaver Visual Composer,  
PDK for .NET*

*There are more than 100,000 SAP  
installations serving more than 12 million  
people*

*ABAP Development for SAP S/4HANA  
Mastering SAP ABAP*

*Learn How to Use SAP (R) Netweaver Gateway  
for Ui5 and ABAP Projects  
Development Associate Exam*

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*ABAP RESTful Programming Model*

*ABAP 7.5 Certification Guide*

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

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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,

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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 NetWeaver Gateway is a technology that provides a simple way to connect devices, environments and platforms to SAP software, based on market standards. Simply put, this is an

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ABAP add-ons to your SAP ERP system to extend your ERP system capability. SAP Gateway provides an API based approach to build applications and systems, which makes the building and maintaining of complex business scenarios easier. SAP world is moving very fast and in completely new directions and if you do not keep up with them then you will be left out. This book will give you real life experience, knowledge and skills in a very interesting and simple way. It is packed with information, knowledge, hands-on and real life project experience learning.

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Previous edition: ABAP development for SAP HANA / Thorsten Schneider, Eric Westenberger, and Hermann Gahm. 2014.

"This book is the definitive guide for SAP NetWeaver BI professionals. Based on their extraordinary expertise with the product, the authors provide deep insights about key innovations in the areas of user experience, query performance, integrated planning, and enterprise-wide data warehousing." —Stefan Sigg, Vice President, SAP NetWeaver Business Intelligence

The long-anticipated publication of this second edition reflects the growing success of SAP

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NetWeaver as well as the various Business Intelligence (BI) capabilities that are embedded with SAP BW version 7.0. Written by SAP insiders, this comprehensive guide takes into account the ever-changing features, functionality, and toolsets of SAP NetWeaver to bring you the most updated information on how to use SAP BW to design, build, deploy, populate, access, analyze, present, and administer data. You'll discover the options that are available in SAP NetWeaver and uncover a new means to improve business performance. This book reflects the process an organization goes through during an implementation of the



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software. The authors begin with an introduction to BI and SAP NetWeaver and quickly progress to information modeling and enterprise data warehouse concepts. You'll learn how to access and deliver meaningful analytic information to the organization, as well as perform integrated planning functions. Finally, the authors share invaluable insight on warehouse administration, performance, and security. With more than 50 percent new or revised material, this second edition of Mastering the SAP Business Information Warehouse shows you how to: Extract data from online transaction processing systems Store

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transformed data in a way that best supports reporting and analysis Use the various Business Explorer tools such as BEx Report Designer, BEx Analyzer, BEx Broadcaster, and BEx Web Application Designer Schedule, monitor, troubleshoot, and archive data loads The companion Web site contains sample chapters in Wiki format and the authors' blog where readers may enter discussions about the book and SAP. Wiley Technology Publishing Timely. Practical. Reliable. Visit our Web site at [www.wiley.com/compbooks/](http://www.wiley.com/compbooks/) Visit the companion Web site at [www.wiley.com/compbooks/mcdonald](http://www.wiley.com/compbooks/mcdonald)

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The companion Web site contains the sample code presented in the text of the book, plus implementation templates.

Universal Worklist with SAP NetWeaver Portal

SAP PI for Beginners

SAP ABAP Objects

Practical Guide

SAP HANA 2.0

A Practical Guide to the Basics and Beyond

**Throughout the world, high-profile large organizations (aerospace and defense, automotive, banking, chemicals, financial**

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**service providers, healthcare, high tech, insurance, oil and gas, pharmaceuticals, retail, telecommunications, and utilities) and governments are using SAP software to process their most mission-critical, highly sensitive data. With more than 100,000 installations, SAP is the world's largest enterprise software company and the world's third largest independent software supplier overall. Despite this widespread use, there have been very few books written on SAP implementation and security, despite a great**

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**deal of interest. (There are 220,000 members in an on-line SAP 'community' seeking information, ideas and tools on the IT Toolbox Website alone.) Managing SAP user authentication and authorizations is becoming more complex than ever, as there are more and more SAP products involved that have very different access issues. It's a complex area that requires focused expertise. This book is designed for these network and systems administrator who deal with the complexity of having to make judgmental**

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**decisions regarding enormously complicated and technical data in the SAP landscape, as well as pay attention to new compliance rules and security regulations. Most SAP users experience significant challenges when trying to manage and mitigate the risks in existing or new security solutions and usually end up facing repetitive, expensive re-work and perpetuated compliance challenges. This book is designed to help them properly and efficiently manage these challenges on an ongoing basis. It aims to remove the 'Black**

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**Box' mystique that surrounds SAP security. \* The most comprehensive coverage of the essentials of SAP security currently available: risk and control management, identity and access management, data protection and privacy, corporate governance, legal and regulatory compliance. \* This book contains information about SAP security that is not available anywhere else to help the reader avoid the "gotchas" that may leave them vulnerable during times of upgrade or other system changes \*Companion Web site**

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**provides custom SAP scripts, which readers can download to install, configure and troubleshoot SAP.**

**The objective of this tutorial is to make you understand - what is SAP Process Integration? We will not go into the nitty-gritty of the subject but we will discuss the architecture and different features of SAP PI. We will cover the basic features only and will avoid discussing all features in this tutorial. Next there are a set of case studies which will give you an idea about the industry**



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**level utilization of SAP PI. Once you get more acquainted with the subject, you should try to solve them. The test cases are prepared in a manner so that it will take you down into the subject from simple to more complexes with each lesson and will give you an overall idea of the subject.**

**A guide to SAP R/3 programming covers such topics as data modeling, systems architecture, and systems installation.**

**User exits and Business Add-Ins (BAdIs) provide ideal approaches to extend and**

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**optimise your standard SAP system with custom developments. This book teaches you to implement these adaptations in ABAP for use in SAP NetWeaver BI. The book is written for BI consultants who have basic knowledge of ABAP as well as ABAP programmers who want to get started with BI development. After a brief overview of high-performance ABAP programming, you'll learn how to structure the data flow from the source system up to the report and planning level using practical workshops. Readers learn how**

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**to use all of the capabilities of SAP NetWeaver BI, from transformation, including the derivation of characteristics and key figures, to start and end routines and transfer and update rules and benefit from expert instruction and techniques to implement even the most complex requirements with a limited amount of work, simply knowing how to choose the right user exits. An entirely new chapter in this edition describes how you can enhance the SAP BW-BPS planning components and the BI-Integrated Planning**

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**tool. Although this book is based on SAP NetWeaver BI 7.0, it also outlines the essential differences from previous releases as needed. With volumes of commented code examples, this book enables you to quickly and easily implement your own custom developments, step-by-step, in your daily work.**

**Developer's Guide to SAP NetWeaver Portal Applications**

**SAP(R) Netweaver Gateway**

**ABAP Development for SAP HANA**

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## **ABAP Objects**

## **SAP NetWeaver Application Server Upgrade Guide**

## **ABAP Development for SAP NetWeaver BW**

*You've worked with ABAP, SAP Fiori, and OData--now see how these technologies and more come together in the ABAP RESTful programming model! Build on your expertise to create cloud-ready applications for SAP S/4HANA and deploy applications to the SAP Fiori launchpad. Manage applications with Git version control, automated testing, and continuous integration. Make the new model work for you! 1) ABAP RESTful programming model 2) End-to-end*

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*development 3) SAP S/4HANA 4) SAP Fiori Elements 5) Business objects 6) Deployment 7) Core data services (CDS) 8) OData services 9) Automated testing 10) Continuous integration 11) SAP Cloud Platform a. ABAP RESTful Programming Model Develop web-based SAP HANA-optimized ABAP applications for SAP S/4HANA. Master the new ABAP RESTful programming model, from queries, business objects, and business services, to its relationship to SAP Fiori and SAP Gateway. b. SAP Fiori Elements and Freestyle Applications Get the step-by-step instructions you need to create list reports, overview pages, analytical list pages, and freestyle applications. See how the ABAP RESTful programming model incorporates core data services,*

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*business object behaviors, OData, and more. c. Deployment and Operations Once your applications are developed, deploy them to the SAP Fiori launchpad. Implement Git version control, automated backend and frontend testing, and continuous integration.*

*System Administration (SAP HANA as a Database) with SAP NetWeaver: SAP Certified Technology Associate These questions are similar to the ones asked in the actual Test. How should we know? We know, because although we have been working as an SAP Basis and Hana for many years, we have recently certified with the latest version of the Certification test. Before you start here are some Key features of the Certification Exam. This certification exam verifies that the*

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*candidate has the knowledge required in the area of System Administration with SAP HANA as a Database. This certificate builds on basic consultant skills and experience that is then refined by practical experience during several projects. Candidates must also demonstrate understanding of Installation, System Administration for both AS ABAP and AS Java, Database Administration, Transport Management, System Monitoring and User Administration, among other things. The exam is Computer based and you have three hours to to answer 80 Questions. The Questions are (mostly) multiple choice type and there is NO penalty for an incorrect answer. Some of the Questions have more than one correct answer. You must get ALL the options correct for you to be awarded*



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*points. For questions with a single answer, the answers will have a button next to them. You will be able to select only one button. For questions with multiple answers, the answers will have a 'tick box' next to them. This allows you to select multiple answers. You are not allowed to use any reference materials during the certification test (no access to online documentation or to any SAP system). Clearing the Certification will not automatically lead you to a job. However a Certification with some project experience will certainly open a lot of doors for you. So if you have little or no experience, you should get yourself certified, get some project experience, and then the whole of the SAP Consulting World open for you to explore. Helping you with the first step*

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*on your ladder to success is this book! Some UNIQUE features of this Book: - There is NO Other quality material in the market for this Certification exam. - The authors have themselves cleared the exam. - All questions are multiple choice format, similar the questions you will get in the actual exam. - Over 150 authentic questions, testing the exact same concepts that will be tested in Your exam!*

*Have you done an SAP upgrade before? Do you think you know how it works? Well, forget everything you've learned in the past the process for upgrading to release 7.0 is completely different This comprehensive guide covers the entire upgrade process for both, ABAP and ABAP/Java double-stack upgrades, as well as the highly complicated Combined*

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*Upgrade & Unicode Conversion (CU&UC). You learn everything about the new upgrade tools as the authors walk you through the PREPARE and upgrade phases, post-processing, and modification adjustment - from A to Z. You'll also benefit from the authors' extensive project management experience while you learn how to plan and prepare for an upgrade project, and what to avoid. Exclusive tips and numerous lessons learned are guaranteed to help make your upgrade to the next release, be it to ECC 6.0, BI 7.0, or SCM 5.0, a smooth and painless transition. The first edition of this book was published as an SAP PRESS Essentials guide under the title mySAP ERP Upgrade Project Guide. Highlights Include: \* The Upgrade Project \* Upgrade*

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*Tools \* PREPARE and Upgrade Processes for ABAP and Java \* Unicode and the Combined Upgrade & Unicode Conversion (CU&UC) \* Upgrade post-processing \* Modification Adjustment \* Upgrading BI, SCM, and CRM 'ABAP Objects' comprehensively covers the new object oriented generation of SAP's programming language ABAP. SAP NetWeaver BW*

*Mastering the SAP Business Information Warehouse  
SAP® NetWeaver Portal Technology: The Complete Reference*

*SAP NetWeaver AS ABAP - System Administration  
SAP Basis Administration Handbook, NetWeaver Edition  
SAP NetWeaver Portal*

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Don't just manage? Excel at managing your master data with SAP NetWeaver MDM 7.1 using this book and eBook.

The purpose of this book is to remove the veil of secrecy surrounding SAP upgrade techniques and concepts, and to provide the user with a detailed description of the steps needed for a successful implementation. Today more than 12 million people in 120 countries who are working for 36,200 companies are using SAP on a regular basis. This popular, but very complex software system must be constantly

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reconfigured and upgraded to accommodate its latest releases. Upgrading SAP provides a complete overview of the process to upgrade from one SAP release to the next one and explains with detailed descriptions, the use of all relevant SAP upgrade tools. Along with a technical description of the SAP NetWeaver Application Server (AS), it also discusses personnel issues and the economic ramifications of such an upgrade project. Examples in this book are based on various different SAP products and releases, such

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as SAP NetWeaver 2004, 2004S (also known as NetWeaver 7.0 and 7.1), and SAP Business Suite 2005 with SAP ERP 6.0, BI, CRM, SCM, and SRM. Conceived as both a teaching book and as a reference manual, it covers all the techniques, background information, notes, tips, and tricks needed for any SAP upgrade project. A CD-ROM accompanies the book with templates and outlines for the upgrading process, as well as third-party SAP-related material.

Administration and Monitoring  
ABAP Development for SAP NetWeaver BI -

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User Exits and BAdIs

SAP Security Configuration and Deployment  
System Administration With Sap Netweaver

SAP Gateway and OData

SAP R/3 Handbook, Third Edition