

SAP First Guidance

SAP BW 7.x

SAP Realtime Database Platform

## **SAP First Guidance - SAP BW on HANA Migrate with the database migration option (DMO)**

### **Applicable Releases:**

**SAP BW 7.0x SP27/SP10**

**SAP BW 7.3x SP07/SP03**

**SAP BW 7.40 SP02**

**and higher**

DMO is an option of SUM for combined update and migration including unicode conversion: update an existing SAP system to a higher software release and migrate to SAP HANA database including UC migration.

As the technical SUM steps are the same, this "SAP First Guidance" document should make all customer-specific documentation obsolete. It is the complementary documentation to the existing Notes and SUM/DMO Upgrade Guides.

The document is "work in progress" and it not intended to be exhaustive, although it does contain everything you need to successfully migrate your existing BW System Release 7.0x running on any DB to BW on HANA 7.31 or higher, using the database migration option (DMO) as part of the software update manager (SUM) provided by the SL toolset.

For more information please contact [roland.kramer@sap.com](mailto:roland.kramer@sap.com)

# Sap First Guidance Bw On Hana 1

**Nick Morgan, Bartosz Jarkowski**



## **Sap First Guidance Bw On Hana 1:**

**SAP BW/4HANA and BW on HANA** Frank Riesner, Klaus-Peter Sauer, 2017 SAP BW 4HANA has introduced a new era in data warehousing at SAP Further steps towards simplification flexibility and performance are now possible with SAP HANA as the proven technological basis SAP BW 4HANA offers modern concepts for data management operation and modeling and thus opens the door for fully innovative application scenarios This book will show you how the SAP HANA database influences the Business Warehouse and how you can optimize your system As a practical guide the book is aimed at experienced SAP BW experts as well as decision makers who need a well grounded overview The authors address the versions SAP BW 4HANA 1 0 and SAP BW 7 5 in equal measure highlighting new functions and differences The book also focuses on the migration options and conversion tools for moving to SAP BW 4HANA Use this reference book to enter the world of SAP BW with SAP HANA as the database platform Migration sizing operation data management with SAP BW 4HANA and SAP BW 7 5 on HANA The new central source Systems SAP HANA and ODP New modeling options mixed scenarios LSA and differences compared to SAP BW 7 5 The role of BW in operational SAP reporting *SAP BW/4HANA und BW auf HANA, 2. erweiterte Auflage* Klaus-Peter Sauer, Frank Riesner, Practical Guide to SAP HANA and Big Data Analytics Dominique Alfermann, Stefan Hartmann, 2018-12-20 In this book written for SAP BI big data and IT architects the authors expertly provide clear recommendations for building modern analytics architectures running on SAP HANA technologies Explore integration with big data frameworks and predictive analytics components Obtain the tools you need to assess possible architecture scenarios and get guidelines for choosing the best option for your organization Know your options for on premise in the cloud and hybrid solutions Readers will be guided through SAP BW 4HANA and SAP HANA native data warehouse scenarios as well as field tested integration options with big data platforms Explore migration options and architecture best practices Consider organizational and procedural changes resulting from the move to a new up to date analytics architecture that supports your data driven or data informed organization By using practical examples tips and screenshots this book explores SAP HANA and SAP BW 4HANA architecture concepts Predictive Analytics and Big Data component integration Recommendations for a sustainable future proof analytics solutions Organizational impact and change management **The SAP HANA Project Guide** , SAP HANA is the SAP product for in memory computing It streamlines transactions analytics planning and data processing on a single in memory database allowing businesses to operate in real time Over the course of the last few years the authors have led many diverse SAP HANA projects with extraordinary success resulting in 10 000 or in some cases even 100 000 times improvement of system performance In this book the authors share their findings from SAP HANA projects to help ensure the success of your SAP HANA project The SAP HANA project guide will also help you identify suitable scenarios for your company to get started with in memory computing while sketching out a long term plan to provide innovation to your entire business using SAP HANA We ll cover the following key topics Delivering

innovation with SAP HANA Creating a business case for SAP HANA Thinking in memory Managing SAP HANA projects

**Practical Guide to Advanced DSOs in SAP** Deepa Rawat, 2018 This book delves into the fundamentals of SAP BW based on SAP HANA Advanced Data Store Objects aDSOs Explore the various aDSO types and templates available and learn how to quickly create aDSOs specific to your business needs Create manage and use aDSOs tables enhanced reporting capabilities Dive into new objects in SAP BW on SAP HANA including open ODS views composite providers and advanced DSOs Explore data modeling with SAP HANA Studio using composite providers advanced DSOs open ODS views and InfoObjects Walk through detailed example of how to use templates embed aDSOs in queries and create your first query using field based modeling Get detailed information and guidelines on how to create a data acquisition layer corporate memory and data warehouse layer for delta calculation and datamart By using practical examples tips and screenshots this book explores Fundamentals of Advanced Data Store Objects Modeling with SAP HANA Studio How to create an SAP HANA optimized InfoProvider Examples and screenshots based on real world scenarios [The SAP HANA Deployment Guide](#) Bert Vanstechelman, 2017 This book provides system architects technical consultants and IT management the tools to design a system architectures to deploy SAP applications on SAP HANA Explore production and non production systems deployment options backup and recovery data replication high availability and virtualization in detail Dive into on premise deployment options and data provisioning scenarios Walk through scale up and scale out options and data partitioning considerations Review the advantages and disadvantages of storage and system replication options and when to use each Clarify how to leverage HANA for single node and distributed systems Dive into a discussion on software and hardware virtualization Compare the options available and guide your decision using flowcharts your organization can leverage to choose the proper technology for your environment and specific needs This book enables readers to carefully evaluate and implement a well considered SAP HANA scenario SAP HANA sizing capacity planning guidelines and data tiering Deployment options and data provisioning scenarios Backup and recovery options and procedures Software and hardware virtualization in SAP HANA

**SAP HANA - Implementation Guide** Bert Vanstechelman, 2018 This book provides system architects technical consultants and IT management the tools to design a system architectures to deploy SAP applications on SAP HANA Explore production and non production systems deployment options backup and recovery data replication high availability and virtualization in detail Dive into on premise deployment options and data provisioning scenarios Walk through scale up and scale out options and data partitioning considerations Review the advantages and disadvantages of storage and system replication options and when to use each Clarify how to leverage HANA for single node and distributed systems Dive into a discussion on software and hardware virtualization Compare the options available and guide your decision using flowcharts your organization can leverage to choose the proper technology for your environment and specific needs This book enables readers to carefully evaluate and implement a well considered SAP HANA scenario SAP HANA sizing capacity planning

guidelines and data tiering Deployment options and data provisioning scenarios Backup and recovery options and procedures Software and hardware virtualization in SAP HANA

**SAP on Azure Implementation Guide** Nick Morgan, Bartosz Jarkowski, 2020-02-21 Learn how to migrate your SAP data to Azure simply and successfully Key Features Learn why Azure is suitable for business critical systems Understand how to migrate your SAP infrastructure to Azure Use Lift shift migration Lift migrate Lift migrate to HANA or Lift transform to S 4 HANA Book Description Cloud technologies have now reached a level where even the most critical business systems can run on them For most organizations SAP is the key business system If SAP is unavailable for any reason then potentially your business stops Because of this it is understandable that you will be concerned whether such a critical system can run in the public cloud However the days when you truly ran your IT system on premises have long since gone Most organizations have been getting rid of their own data centers and increasingly moving to co location facilities In this context the public cloud is nothing more than an additional virtual data center connected to your existing network There are typically two main reasons why you may consider migrating SAP to Azure You need to replace the infrastructure that is currently running SAP or you want to migrate SAP to a new database Depending on your goal SAP offers different migration paths You can decide either to migrate the current workload to Azure as is or to combine it with changing the database and execute both activities as a single step SAP on Azure Implementation Guide covers the main migration options to lead you through migrating your SAP data to Azure simply and successfully What you will learn Successfully migrate your SAP infrastructure to Azure Understand the security benefits of Azure See how Azure can scale to meet the most demanding of business needs Ensure your SAP infrastructure maintains high availability Increase business agility through cloud capabilities Leverage cloud native capabilities to enhance SAP Who this book is for SAP on Azure Implementation Guide is designed to benefit existing SAP architects looking to migrate their SAP infrastructure to Azure Whether you are an architect implementing the migration or an IT decision maker evaluating the benefits of migration this book is for you

**SAP Business Intelligence Quick Start Guide** Vinay Singh, 2019-02-27 Designing and deploying solutions using the SAP BusinessObjects Business Intelligence platform 4 2 Key Features Get up and running with the SAP BusinessObjects Business Intelligence platform Perform effective data analysis and visualization for actionable insights Enhance your BI strategy by creating different types of reports and dashboards using SAP BusinessObjects Book Description The SAP BusinessObjects Business Intelligence platform is a powerful reporting and analysis tool This book is the ideal introduction to the SAP BusinessObjects Business Intelligence platform introducing you to its data visualization visual analytics reporting and dashboarding capabilities The book starts with an overview of the BI platform and various data sources for reporting Then we move on to looking at data visualization analysis reporting and analytics using BusinessObjects Business Intelligence tools You will learn about the features associated with reporting scheduling and distribution and learn how to deploy the platform Toward the end you will learn about the strategies and factors that should

be considered during deployment By the end you will be confident working with the SAP BusinessObjects Business Intelligence platform to deliver better insights for more effective decision making What you will learn Work with various tools to create interactive data visualization and analysis Query report and analyze with SAP Business Objects Web Intelligence Create a report in SAP Crystal Reports for Enterprise Visualize and manipulate data using an SAP Lumira Storyboard Deep dive into the workings of the SAP predictive analytics tool Deploy and configure SAP BO Intelligence platform 4 2 Who this book is for This book is for Business Intelligence professionals and existing SAP ecosystem users who want to perform effective Business Intelligence using SAP BusinessObjects **SAP BW on SAP HANA** Christian Savelli, This book dives into SAP BW on SAP HANA Explore the fundamentals of data warehousing on SAP HANA and identify what is different about running in an SAP HANA environment Readers can utilize this handbook prior to or post migration to maximize their ROI Review data loading methods and virtualization options Walk step by step through external data integration in SAP BW 7 4 including enhanced composite providers open ODS views and virtual tables Explore the new reporting options for SAP BW on SAP HANA and look at changes to the BI analytical engine calculated key figures and query connections to SAP BusinessObjects tools Dive into data architecture and learn more about virtualization options for enterprise data warehouse in conjunction with SAP HANA Get detailed instructions for upgrading maintaining and running SAP BW on SAP HANA including service packs transports and admin functions Learn more about modeling in SAP BW enabled by SAP HANA in regards to moving from LSA to LSA By using practical examples tips and screenshots the author brings readers up to speed on running SAP BW on SAP HANA Tips for upgrading maintaining and running BW on HANA Data loading methods and real time data acquisition New reporting paradigm for BW on HANA HANA data architecture *The SAP BW to HANA Migration Handbook* Rob Frye, Joe Darlak, Dr. Bjarne Berg, 2015-03-07 SAP HANA has revolutionized the way we store data and architect reporting solutions This book provides a step by step guide for moving an existing SAP BW system on any database to SAP HANA Identify the differences between the database migration option DMO process and other options Get sample staffing plans tools for hardware sizing and planning and budgeting tips for planning your migration project Walk through the process for cleaning your SAP Business Warehouse BW system prior to migration and find out how doing so can reduce your SAP BW on HANA implementation costs Walk through DMO process prerequisites and examine the SAP BW on HANA Migration Cockpit in detail Get step by step instructions for executing a SAP BW on HANA migration using DMO and get tips based on lessons learned from the world s largest DMO migration project Walk away with best practices for monitoring the health of your SAP HANA implementation Using practical examples tips and screenshots the authors provide expert strategies to help your company s migration project succeed Proven techniques for planning and executing a successful migration Building a solid migration business case Sizing and optimization of SAP BW on SAP HANA Step by step runbook for the migration process *Leveraging SAP GRC in the Fight Against Corruption and Fraud* Maxim

Chuprunov,2018-01-23 Quick Start Guide to Azure Data Factory, Azure Data Lake Server, and Azure Data Warehouse

Mark Beckner,2018 With constantly expanding options such as Azure Data Lake Server ADLS and Azure SQL Data Warehouse ADW how can developers learn the process and components required to successfully move this data Quick Start Guide to Azure Data Factory Azure Data Lake Server and Azure Data Warehouse teaches you the basics of moving data between Azure SQL solutions using Azure Data Factory Discover how to build and deploy each of the components needed to integrate data in the cloud with local SQL databases Mark Beckner s step by step instructions on how to build each component how to test processes and debug and how to track and audit the movement of data will help you to build your own solutions instantly and efficiently This book includes information on configuration development and administration of a fully functional solution and outlines all of the components required for moving data from a local SQL instance through to a fully functional data warehouse with facts and dimensions **Cracking the SAP S/4HANA Interview** Sudipta Malakar,2022-04-14 A guide to achieve a highest level of SAP S 4 HANA Central Finance and Group Reporting KEY FEATURES In depth demonstration of SAP S 4HANA 2020 1909 and 2021 fundamentals Includes graphical illustrations for Migration Cockpit commands and methods Hands on practice on Fiori BPC SAP S 4 HANA Central Finance and Group reporting DESCRIPTION This book will guide you through the process about what you need to know and help you perform at your highest level to achieve SAP S 4 HANA and some of the best practices available today This book can assist you in acing employment interviews This book provides an in depth practical illustration of SAP S 4HANA 2020 1909 and 2021 fundamentals with several examples It contains graphical demonstrations and visual descriptions of the commands and methods available in the SAP S 4 HANA Migration Cockpit It includes thorough hands on practice showcasing Fiori BPC SAP S 4 HANA Central Finance and Group reporting subjects using SAP S 4HANA standards Many applications and industry wide projects are included in the book After reading this book you will be able to reliably perform Basis Security SD MM PP FICO and HCM operations as well as define complicated tasks in SAP S 4 HANA from the very first day WHAT YOU WILL LEARN Perform Basis Security SD MM PP FICO and HCM processes in SAP S 4 HANA Forecast and monitor progress throughout the SAP S 4HANA deployment process Administration implementation and authorisation of SAP S 4 HANA systems from start to finish Enterprise wide backup restore and monitoring of SAP HANA databases Leverage Fiori apps to carry out SAP S 4 HANA tasks WHO THIS BOOK IS FOR This book is meant for S 4 HANA consultants and project managers as well as those working in other fields related to SAP S 4 HANA If you read this book you will be well versed in every step of the SAP S 4HANA project development lifecycle TABLE OF CONTENTS 1 SAP S 4 HANA 2020 2021 1909 Interview questions 2 Lessons learnt and pragmatic approach SAP S 4 HANA Interview questions 3 SAP S 4 HANA Data Migration Interview questions 4 Interview questions and answers on BPC SAP S 4 HANA Central Finance and Group reporting The 2021 International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy John Macintyre,Jinghua

Zhao,Xiaomeng Ma,2021-11-02 This book presents the proceedings of the 2020 2nd International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy SPIoT 2021 online conference on 30 October 2021 It provides comprehensive coverage of the latest advances and trends in information technology science and engineering addressing a number of broad themes including novel machine learning and big data analytics methods for IoT security data mining and statistical modelling for the secure IoT and machine learning based security detecting protocols which inspire the development of IoT security and privacy technologies The contributions cover a wide range of topics analytics and machine learning applications to IoT security data based metrics and risk assessment approaches for IoT data confidentiality and privacy in IoT and authentication and access control for data usage in IoT Outlining promising future research directions the book is a valuable resource for students researchers and professionals and provides a useful reference guide for newcomers to the IoT security and privacy field      **Successfully Managing S/4HANA Projects** Denise Banks-Grasedyck,Eckhard Lippke,Hans Oelfin,Reinhold Schwaiger,Volker Seemann,2022-03-25 The book describes the complete project process in individual steps for SAP S 4HANA project management based on the SAP ACTIVATE implementation methodology By imparting knowledge based on experience with real SAP projects the book supports project managers in developing skills and qualifications that will lead them to the successful management of SAP projects In this context it emphasizes the crucial role of human interaction from the start to the successful completion of projects and provides useful tips on how to recognize and avoid pitfalls Enriched with a wide range of material such as templates checklists and practical examples the book provides concrete guidance for project managers and participants on how to successfully manage ongoing projects The book is valuable for both beginners and experienced project managers and also gives decision makers and stakeholders an excellent insight into the planning and management of large projects      SAP BusinessObjects BI 4.0 The Complete Reference 3/E Cindi Howson,Elizabeth Newbould,2012-08-22 The definitive reference for building actionable business intelligence completely revised for SAP BusinessObjects BI 4 0 Unleash the full potential of business intelligence with fact based decisions aligned to business goals using reports and dashboards that lead from insight to action SAP BusinessObjects BI 4 0 The Complete Reference offers completely updated coverage of the latest BI platform Find out how to work with the new Information Design Tool to create universes that access multiple data sources and SAP BW See how to translate complex business questions into highly efficient Web Intelligence queries and publish your results to the BI Launchpad Learn how to create dashboards from data sourced through a universe or spreadsheet The most important concepts for universe designers report and dashboard authors and business analysts are fully explained and illustrated by screenshots diagrams and step by step instructions Establish and evolve BI goals Maximize your BI investments by offering the right module to the right user Create robust universes with the Information Design Tool leveraging multiple data sources derived tables aggregate awareness and parameters Develop a security plan that is scalable and flexible Design Web Intelligence reports from basic to



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**Halliwell's Film, Video and DVD Guide 2005** John Walker, 2004 More than 23 000 entries provide plot summaries a star rating and information on casts writers directors producers awards and alternate titles with quotations from contemporary reviews

Halliwell's Film, Video & DVD Guide ,2006      The Illustrated London News ,1863

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