

# SAP Professional Journal

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- [Lessons in Logon Load Balancing](#)
- [Optimizing, Monitoring, and Fine-Tuning a Newly Upgraded Release 4.x Spool Service](#)
- [Readying to Resize Your R/3 Platform](#)
- [Six Tasks to Ensure a Successful External-Facing Portal Implementation](#)
- [Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning](#)
- [Speed Up High-Throughput Business Transactions with Parallel Processing - No Programming Required!](#)
- [The 15 Most Overlooked Items in Planning for High Availability and Disaster Recovery](#)

## Implementation

- [Capture accurate solution requirements the first time with exploratory modeling \(xM\): How to nearly eliminate post-go-live application design failures](#)

## Infrastructure/Landscape Configuration

- [A Beginner's Guide to Implementing SAP Exchange Infrastructure \(SAP XI\) — Designing and Configuring an SAP XI Integration](#)
- [A system administrator's practical guide to SAP System Landscape Directory \(SLD\)](#)
- [Achieving a More Manageable and Reliable R/3 Spool Server Landscape Using Release 4 Output Classifications, Logical Servers, and Alternate Servers](#)
- [An Introduction to SAP's New and Improved Frontend Printing](#)
- [Architecting a high availability SAP NetWeaver infrastructure: Strategies for ensuring a successful, cost-effective implementation](#)
- [Build a Reduced-Size System Copy for Testing with TDMS Shellcreation](#)
- [Choosing the right platform for your SAP implementation: Six case study TCO assessments that help you make the right choice](#)
- [Designing a Solid, Lasting Landscape for Your SAP Enterprise Portal Implementation: Identifying Your Key Requirements and Understanding Your Design Options](#)
- [Designing a Solid, Lasting Landscape for Your SAP Enterprise Portal Implementation: Using the Most Effective Technical Options to Meet Your Key Requirements](#)
- [Ensure effective system management by configuring the right infrastructure for SAP Solution Manager using central system landscape maintenance](#)
- [Gearing Up for a Test-Drive of Linux for SAP](#)
- [Get Ready to Implement SAP Enhancement Packages for SAP ERP 6.0](#)
- [Is It Time to Revisit Your SAP Security Infrastructure?](#)
- [Is User 'Sally Smith' Really Who She Claims to Be?! Lessons for Establishing Rock-Solid Authentication and Single Sign-On \(SSO\) Practices](#)
- [Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04](#)
- [Lessons in Logon Load Balancing](#)
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- [Provide accurate and consistent language support for your global MDMP systems by converting to Unicode](#)
- [Readying to Resize Your R/3 Platform](#)
- [Select and Transfer a Time Slice of Data for Testing with SAP Test Data Migration Server 3.0](#)
- [Selecting the Optimal System Landscape for Your SAP R/3 Upgrade Project](#)
- [Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning](#)
- [Speed Up High-Throughput Business Transactions with Parallel Processing - No Programming Required!](#)
- [Take your first steps with the Java-based SAP Web ApplicationServer in SAP NetWeaver '04: An implementation primer for system administrators](#)

## Java Development

- [A Beginner's Guide to Implementing SAP Exchange Infrastructure \(SAP XI\) - Paving the Way to Seamless Integration](#)
- [A guided tour of Java software development lifecycle management with SAP NetWeaver Development Infrastructure \(NWDI\): Part 1 — Fundamental concepts](#)
- [A Guided Tour of the SAP Java Persistence Framework — Achieving Scalable Persistence for Your Java Applications](#)
- [A guided tour of the SAP NetWeaver Application Server upgrade tools](#)
- [Achieving Platform-Independent Database Access with Open SQL/SQLJ - Embedded SQL for Java in the SAP Web Application Server](#)
- [BAPI Basics When Programming with Java](#)
- [BAPI Programming Made Easy](#)
- [BAPI Programming with Java — Beyond the Basics](#)
- [BAPI Return Messages Made Easy](#)
- [Build Custom Java iViews for SAP Data Using Eclipse: A Guide for Developers and Implementation Teams](#)
- [Building Flexible, Reliable, Distributed Java Applications with the Java Message Service \(JMS\) — An Introduction to JMS Programming](#)
- [Consume Enterprise Services in Java Using SAP NetWeaver Developer Studio to Achieve Your Business Process Goals](#)
- [Developing Custom Applications for SAP Enterprise Portal — Advanced Java and .NET Options to Consider in Light of SAP NetWeaver](#)
- [Developing Java Services for the SAP Business Connector](#)
- [Gain a Real-World Understanding of How Your Applications Will Operate on a New Platform — Porting a J2EE Application to SAP Web Application Server](#)
- [Get big rewards from a little extra code: A developer's guide to boosting the reliability of your Java-based applications with State Monitoring in SAP NetWeaver '04](#)
- [Get Ready to Implement SAP Enhancement Packages for SAP ERP 6.0](#)
- [Get Started Developing, Debugging, and Deploying Custom J2EE Applications Quickly and Easily with SAP NetWeaver Developer Studio](#)
- [Getting more from State Monitoring in SAP NetWeaver '04 — achieve maximum flexibility with its advanced programmatic interface](#)
- [How to avoid Web Dynpro Java implementation nightmares](#)
- [Implement Logging and Tracing in Your Java-Based SAP NetWeaver '04 Applications with Ease: A Developer's Guide](#)
- [Integrate Web Dynpro into your SAP NetWeaver Portal to create dynamic, flexible applications](#)
- [Introducing the SAP Java IDoc Class Library Part 1: An Easier Way to Write Java Programs That Create and Send IDocs to an SAP System](#)
- [Introducing the SAP Java IDoc Class Library Part 2: An Easier Way to Write Java Programs That Receive and Process IDocs from an SAP System](#)
- [Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04](#)
- [Kick up the speed and quality of your Java development with Java plug-in programming in SAP NetWeaver Developer Studio](#)
- [Leverage component-based architecture in Web Dynpro for Java business applications: Part 1 - Design methodology, concepts, and case study](#)
- [Leverage component-based architecture in Web Dynpro Java business applications: Part 2 — Component models](#)
- [Leverage component-based architecture in Web Dynpro Java business applications: Part 3 — Componentization patterns in practice](#)
- [Password Management for Extranet Applications](#)
- [PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams](#)
- [Persist Data for Your J2EE Applications with Less Effort Using Entity Beans with Container-Managed Persistence \(EJB CMP\)](#)
- [Pinpoint Problems in Java-Based Applications with Ease Using SAP NetWeaver '04 Logging and Tracing: A System Administrator's Guide](#)
- [Reduce Development and Maintenance Time Using an Object-Oriented Framework for Deploying Application Logic in SAP JCo Server Environments](#)
- [Repositories in the SAP Java Connector \(JCo\)](#)
- [Server Programming with the SAP Java Connector \(JCo\)](#)
- [Solve configuration-related problems faster and better in your Java-based SAP NetWeaver '04 systems: A system administrator's troubleshooting guide](#)

- **Spend More Time Modeling Your Java Applications and Less Time Trying to Persist Your Data — Java Data Objects (JDO) Makes It Easy!**
- **Streamline business processes and increase user productivity with SAP NetWeaver: Build forms-based Web Dynpro applications using Interactive Forms based on Adobe software**
- **Streamline data entry of paper-based documents into your SAP system using Adobe Acrobat Professional OCR functionality**
- **Techniques for minimizing the performance impact of Java garbage collection across your system landscape**
- **The new EJB 3.0 specification— why it's time to reevaluate Enterprise JavaBeans**
- **Tips and best practices for implementing information broadcasting for Microsoft Excel Workbooks in SAP NetWeaver 2004s**
- **Tips and Tricks for SAP Java Connector (JCo) Client Programming**
- **Using Advanced Java Message Service (JMS) Features to Increase the Efficiency and Maintainability of Your Distributed Java Applications**
- **Web Dynpro — what it is, what it does, why it exists, and how to get the best results from it: An introduction to the fundamental principles of Web Dynpro**
- **Web services or RFCs — choosing the right technology for your SAP integration challenges**
- **Web-Enable Your SAP Applications with the Power of JavaScript**
- **Web-Enabling SAP R/3 with Java — A Guide for the Uninitiated**
- **XML Messaging with the SAP Business Connector Part 1: Direct IDoc-XML Data Exchange and Outbound IDoc-to-XML Data Mapping with Flow Services**
- **XML Messaging with the SAP Business Connector Part 2: Outbound IDoc-to-XML Data Mapping with XSLT and Java Services, and Inbound XML-to-IDoc Data Mapping**

## Master Data Management (MDM)

- **A guided tour of Java software development lifecycle management with SAP NetWeaver Development Infrastructure (NWDI): Part 2 — The development process**
- **Centralize, harmonize, and distribute your master data with SAP NetWeaver Master Data Management (MDM)**
- **Ensure consistency and synchronization across your master data: Integrate your classification changes into customer and vendor master data ALE scenarios**
- **Minimize data warehouse disruption post mergers and acquisitions with SAP NetWeaver 7.0's Universal Data Connect and Master Data Management**
- **Provide more efficient master data management integration with SAP's new mass interfaces and extractor programs**
- **Why You Need and How You Build BAPI Components**

## Microsoft

- **Database System Copies Made Easy — A Guide for Copying an Entire R/3 System to a New Windows Platform**

## Migrations

- **A Homogeneous System Copy in 60 Minutes? It Can Be Done!**
- **A Step-by-Step Guide to Planning for a Successful OS/DB Migration Project**
- **Build a Reduced-Size System Copy for Testing with TDMS Shellcreation**
- **Choosing the right platform for your SAP implementation: Six case study TCO assessments that help you make the right choice**
- **Gain a Real-World Understanding of How Your Applications Will Operate on a New Platform — Porting a J2EE Application to SAP Web Application Server**
- **Gearing Up for a Test-Drive of Linux for SAP**
- **Migrate Your SAP BW 3.x Data Flow to Upgrade to SAP NetWeaver BI 7.0's New Features and Functionalities**
- **Performing a Successful and Cost-Effective Migration of Your SAP System: Understanding the Export Process**
- **Performing a Successful and Cost-Effective Migration of Your SAP System: Understanding the Import Process**
- **Quick Tip: Make the Most of SAP NetWeaver BI 7.0 Transformations**
- **Select and Transfer a Time Slice of Data for Testing with SAP Test Data Migration Server 3.0**
- **The Legacy System Migration Workbench (LSMW) - A Guide to Data Migration with BAPIs**
- **To Migrate or Not to Migrate — Proper Preparation Is the Key to Making the Right Decision and Ensuring a Successful Migration**

## Mobile

- Best practices for planning, deploying, and maintaining mobile applications with SAP NetWeaver Mobile 7.0
- Designing and developing mobile applications for SAPConsole using ABAP: Best practices and lessons learned
- Develop Interactive Voice Applications with Ease Using Visual Composer
- Leveraging the R/3 Warehouse Management Structure with the MM-MOB and WM-LSR Interfaces

## Modifications/Enhancements

- 18 Techniques for Locating the Underlying Data of a Screen Field
- Debug Application Logic More Efficiently in SAP BusinessObjects Planning and Consolidation
- Enhance All Layers of an Application with the New and Classic Enhancement Technologies
- Enhance Your Warehouse Processes with WM User Exits: Tackling Common Customization Requirements
- Extend standard SAP functionality of user exits through field symbols to meet custom business needs
- Extending and Modifying SAP Standard with Business Add-Ins and the New Modification Assistant
- Get Ready to Implement SAP Enhancement Packages for SAP ERP 6.0
- Introducing the Enhancement Framework — a new way to enhance SAP programs without having to modify them
- Introducing the switch and enhancement framework — consolidating industry solutions with the mySAP ERP core
- Quick Tip: 3 Easy Methods for Finding Enhancements
- Quick Tip: 3 Steps to Set Debug Options for Fast Issue Resolution
- Quick Tip: Enhance Source Code in Just 4 Steps — Without Modifying Standard Code
- Resolve System Issues Quickly with Detailed Logging and Tracing Options
- Six Tasks to Ensure a Successful External-Facing Portal Implementation
- The Basics and Beyond: Manage Modifications Effectively with the SAP Modification Assistant, Modification Browser, and Object Adjustment Tools
- Use the Enhancement Package for SAP ERP strategy to develop and enhance Web Dynpro ABAP applications: Part 2 — Enhancing existing Web Dynpro ABAP applications
- When and How to Use Source Code Plug-Ins
- Work with Enhancement Technologies and Make Your Enhancement Project Switchable

## Monitoring/Logging

- Debug Application Logic More Efficiently in SAP BusinessObjects Planning and Consolidation
- Decrease Problem Determination Costs and Increase User Satisfaction with SAP Logging Solutions
- Get big rewards from a little extra code: A developer's guide to boosting the reliability of your Java-based applications with State Monitoring in SAP NetWeaver '04
- Getting more from State Monitoring in SAP NetWeaver '04 — achieve maximum flexibility with its advanced programmatic interface
- Implement Logging and Tracing in Your Java-Based SAP NetWeaver '04 Applications with Ease: A Developer's Guide
- Increase productivity with a proven methodology for change request management
- Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04
- Optimizing, Monitoring, and Fine-Tuning a Newly Upgraded Release 4.x Spool Service
- Pinpoint Problems in Java-Based Applications with Ease Using SAP NetWeaver '04 Logging and Tracing: A System Administrator's Guide
- Quick Tip: 3 Steps to Set Debug Options for Fast Issue Resolution
- Resolve System Issues Quickly with Detailed Logging and Tracing Options
- Standardize your testing and improve software reliability - Integrate SAP Solution Manager with SAP Quality Center by HP
- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring

## Oracle Cost Based Optimizer (CBO)

- [Tips and best practices for implementing information broadcasting for Microsoft Excel Workbooks in SAP NetWeaver 2004s](#)

## Performance Optimization

- [A Custom Performance Test — Is It for You?](#)
- [Achieving a More Manageable and Reliable R/3 Spool Server Landscape Using Release 4 Output Classifications, Logical Servers, and Alternate Servers](#)
- [Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 1 — SAP tools for monitoring R/3 functionality](#)
- [Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 2 — Tools for optimizing Oracle databases](#)
- [Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 3 — The top 10 performance challenges of running SAP R/3 on HP Tru64 Unix](#)
- [Boost SAP R/3 Performance by Reorganizing Your Oracle Database: A Proven Reorganization Strategy](#)
- [Boost the information processing capabilities of your ABAP programs using regular expressions with SAP NetWeaver](#)
- [Boost the information processing capabilities of your ABAP programs using regular expressions with SAP NetWeaver — advanced techniques](#)
- [Configure SAP BusinessObjects Planning and Consolidation for SAP NetWeaver to Optimize System Performance](#)
- [Enable remote database access and parallel transaction processing using secondary database connections in your ABAP programs](#)
- [Get big rewards from a little extra code: A developer's guide to boosting the reliability of your Java-based applications with State Monitoring in SAP NetWeaver '04](#)
- [How to Build Optional Parallel Processing into Your Applications for Increased Throughput and Reduced Processing Time](#)
- [Improve data access in SAP environments with the Oracle Cost Based Optimizer \(CBO\)](#)
- [Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04](#)
- [Learn How to Avoid Lackluster System Performance When Using the 'FOR ALL ENTRIES IN' Clause: An ABAP Developer's Guide](#)
- [Lessons in Logon Load Balancing](#)
- [Optimize Database Access and Increase System Performance Through More Efficient ABAP Programming](#)
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- [Performance Problems in ABAP Programs: How to Find Them](#)
- [Performance Problems in ABAP Programs: How to Fix Them](#)
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- [Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning](#)
- [Speed Up High-Throughput Business Transactions with Parallel Processing - No Programming Required!](#)
- [Take your first steps with the Java-based SAP Web ApplicationServer in SAP NetWeaver '04: An implementation primer for system administrators](#)
- [Techniques for minimizing the performance impact of Java garbage collection across your system landscape](#)
- [Transaction Handling in SAP R/3 — What Every Programmer Needs to Know](#)
- [Understanding and Optimizing Your ALE Data Distribution: Controlling ALE Processing](#)
- [Understanding and Optimizing Your ALE Data Distribution: Minimizing Data Volume](#)

## Portals

- [Advanced techniques for enhancing your SAP Enterprise Portal iViews with Visual Composer — a purely model-driven, code-free development approach](#)
- [Build Custom Java iViews for SAP Data Using Eclipse: A Guide for Developers and Implementation Teams](#)
- [Designing a Solid, Lasting Landscape for Your SAP Enterprise Portal Implementation: Using the Most Effective Technical Options to Meet Your Key Requirements](#)
- [Developing Custom Applications for SAP Enterprise Portal - Starting with the 'Right' Options in Light of SAP NetWeaver](#)
- [Developing Custom Applications for SAP Enterprise Portal — Advanced Java and .NET Options to Consider in Light of SAP](#)

## NetWeaver

- Expand portal navigation options and increase user satisfaction by enabling object-based navigation in SAP NetWeaver Portal '04
- Get started creating SAP Enterprise Portal iViews with Visual Composer — a purely model-driven, code-free development approach
- Integrate Web Dynpro into your SAP NetWeaver Portal to create dynamic, flexible applications
- Integrating Non-SAP Data and Web Content into Your SAP Enterprise Portal — A Guided Tour of Your Options, Which to Use, and When
- Integrating SAP Transactions, Reports, and Data into Your SAP Enterprise Portal — A Guided Tour of Your Options, Which to Use, and When
- Leverage component-based architecture in Web Dynpro for Java business applications: Part 1 - Design methodology, concepts, and case study
- PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams
- Reduce Memory Consumption and Improve Runtime Performance with ABAP Shared Objects: A New API for Shared Memory Programming
- Six Tasks to Ensure a Successful External-Facing Portal Implementation
- Use SAP NetWeaver Portal's powerful collaboration capabilities to enhance communication between local and remote users
- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring
- Web Dynpro — what it is, what it does, why it exists, and how to get the best results from it: An introduction to the fundamental principles of Web Dynpro

## Process Integration (PI)/Exchange Infrastructure (XI)

- A Beginner's Guide to Implementing SAP Exchange Infrastructure (SAP XI) - Paving the Way to Seamless Integration
- A Beginner's Guide to Implementing SAP Exchange Infrastructure (SAP XI) — Designing and Configuring an SAP XI Integration
- Easily integrate unstructured and semi-structured data into SAP NetWeaver Process Integration (formerly XI) using the Conversion Agent
- Improve the flexibility of your SAP solution landscape with the new Adaptive Computing Controller 7.1
- Mastering SAP NetWeaver Exchange Infrastructure 7.0: Successfully integrate SAP applications into a non-SAP, non-XML world
- Provide more efficient master data management integration with SAP's new mass interfaces and extractor programs
- Use SAP NetWeaver PI 7.1 tools for provisioning and consuming enterprise services in ABAP
- Using SAP NetWeaver Process Integration (PI) to ensure the safe transfer of data across security domain boundaries

## Project Management

- A Beginner's Guide to Implementing SAP Exchange Infrastructure (SAP XI) - Paving the Way to Seamless Integration
- A Case Study in SAP R/3 Organization Structure Design: Taking FI/CO's 'One-to-Many' Path to Speedier Global Rollouts
- A Custom Performance Test — Is It for You?
- A Developer's Guide to Making Applications More Effective, Easier to Learn, and Simpler to Use
- A Seven-Phase Methodology for Managing Your Next SAP Application Development Project
- A Small Amount of Six Sigma Doubled My ERP Specs-Setting Skills ... and Can Do the Same for You!
- A Step-by-Step Guide to Planning for a Successful OS/DB Migration Project
- A Three-Step Process for Averting Downtime When Modifying Your R/3 System
- Agile development for SAP: Get into the Scrum!
- Architecting a high availability SAP NetWeaver infrastructure: Strategies for ensuring a successful, cost-effective implementation
- Audits and Regulatory Reviews — Will Your SAP Project Make the Grade?
- Avoid Audit Problems by Building Controls as Part of Your Implementation Life Cycle
- Avoiding the 10 Worst Practices of SAP Development Projects
- Best Practices for Driving SAP Initiatives via an Offsite Delivery Model
- Capture accurate solution requirements the first time with exploratory modeling (xM): How to nearly eliminate post-go-live application design failures

- Choosing the right platform for your SAP implementation: Six case study TCO assessments that help you make the right choice
- Configure and Implement the Proper Internal Controls Up Front for an Easier Audit
- Defining SAP Service Level Agreements: An IT Manager's Survival Guide
- Encourage Effective Decision Making with the Analytic Hierarchy Process
- Ensure the success of your SAP implementation projects through meaningful communication — a guide to creating a communications plan
- Five factors to consider before embarking on custom application development
- Get Double Productivity from the Classroom: Master the Art of 'Speed-Learning' Popular Courses Such As BW, APO, CRM, and More!
- Get Ready to Implement SAP Enhancement Packages for SAP ERP 6.0
- Introducing SLO - A Service, Methodology, and Set of Prewritten Programs for Changing 'Unchangeable' R/3 Data
- Is Your R/3 System Recovery Plan a Disaster? A Three-Step Approach for Designing Recovery and Availability Plans
- Navigate the Complexities of Currency Conversion for More Accurate Management Reporting
- Paving the Way for a Smooth and Successful Integration of Your EDI and SAP Systems
- Performance Testing Your SAP System - Best Practices for Preparing Your Test Environment
- Performance Testing Your SAP System — Strategies for Ensuring a Successful Test Execution
- Performing change management tasks during each phase of an SAP project to achieve the greatest ROI and ensure successful implementations
- Put Better Programs into Production in Less Time with Code Reviews: What They Are, How to Conduct Them, and Why
- Ready to Resize Your R/3 Platform
- Reduce project risk by integrating Project Management Body of Knowledge (PMBOK) tools and techniques with ASAP
- SAP journey mapping — how to develop a winning mySAP ERP upgrade strategy
- SAP NetWeaver 7.0 Upgrades: A Project Manager's Point of View
- Selecting the Optimal System Landscape for Your SAP R/3 Upgrade Project
- Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning
- Strategies for the Successful Management of an SAP System Implementation - On Time and On Budget
- The 15 Most Overlooked Items in Planning for High Availability and Disaster Recovery
- To Migrate or Not to Migrate — Proper Preparation Is the Key to Making the Right Decision and Ensuring a Successful Migration
- Unveil the power of loosely coupled composite applications by replacing services for additional functionality
- Use stakeholder maps to secure support for your SAP projects and ensure successful implementations
- What is change management and why is it important? An overview of change management and the seven precepts that can help every SAP project

## Reporting

- 18 Techniques for Locating the Underlying Data of a Screen Field
- A Developer's Guide to the New ALV Grid Control
- Create Powerful Reports Quickly and Easily: A 'Train-the-Trainer' Approach to Learning and Teaching the ABAP Query Reporting Tool
- Dynamic Documents: Completing the New Face of Reporting
- Empower your end users to create informative reports in real time with no technical training — an administrator's guide to configuring and using the SAP R/3 query reporting tools
- How to prepare for an SAP audit: What you need to do to ensure a successful result
- Navigate the Complexities of Currency Conversion for More Accurate Management Reporting
- Need a Quick Look at Your SAP R/3 Data? Create Simple Reports Fast with QuickViewer
- Reconsidering the ABAP Query for Your Reporting Needs - Proper Configuration Is the Key to Success
- Simplifying Ad Hoc Queries and Web Reporting with SAP's New InfoSet Query
- Take a fresh look at the redesigned SAP List Viewer in SAP NetWeaver '04: Write programs to present tabular data in less time and with fewer lines of code
- The SAP Query Reporting Tool: A Faster and Easier Way to Enrich Your SAP Reports with Calculated and Dynamic Data

- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring
- Write Costing-Based CO-PA Reports Your Readers Will Trust — Five Secret Tricks to Building General Ledger Reconciliation into Your 'Profitability Analysis' Data

## SAP BusinessObjects

- Debug Application Logic More Efficiently in SAP BusinessObjects Planning and Consolidation

## SAP ERP

- Using SAP NetWeaver Process Integration (PI) to ensure the safe transfer of data across security domain boundaries

## SAP NetWeaver Administrator

- Improve the flexibility of your SAP solution landscape with the new Adaptive Computing Controller 7.1

## SAP NetWeaver BI

- Migrate Your SAP BW 3.x Data Flow to Upgrade to SAP NetWeaver BI 7.0's New Features and Functionalities

## SAP Solution Manager

- Centralize and simplify SAP solution maintenance across your system landscape with the Maintenance Optimizer — an administrator's guide
- Ensure Customizing Data Consistency and Smooth-Running Business Processes Across Your SAP System Landscape with Customizing Synchronization
- Ensure effective system management by configuring the right infrastructure for SAP Solution Manager using central system landscape maintenance
- Provide accurate and consistent language support for your global MDMP systems by converting to Unicode
- SAP Solution Manager — 'Command Central' for Implementing Your mySAP Solutions ... and Much More!
- Standardize your testing and improve software reliability - Integrate SAP Solution Manager with SAP Quality Center by HP
- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring

## Security/Governance, Risk, and Compliance (GRC)

- Audits and Regulatory Reviews — Will Your SAP Project Make the Grade?
- Avoid Audit Problems by Building Controls as Part of Your Implementation Life Cycle
- Configure and Implement the Proper Internal Controls Up Front for an Easier Audit
- Ensure and track security across your SAP system landscape using SAP NetWeaver 7.0 BI analysis security
- How to prepare for an SAP audit: What you need to do to ensure a successful result
- Is It Time to Revisit Your SAP Security Infrastructure?
- Is User 'Sally Smith' Really Who She Claims to Be?! Lessons for Establishing Rock-Solid Authentication and Single Sign-On (SSO) Practices
- Password Management for Extranet Applications
- PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams
- Six Tasks to Ensure a Successful External-Facing Portal Implementation
- Using SAP NetWeaver Process Integration (PI) to ensure the safe transfer of data across security domain boundaries

## System Administration

- A Basis Administrator's Step-by-Step Guide to Performing an Upgrade to SAP R/3 Enterprise
- A Basis Administrator's Step-by-Step Guide to Preparing for an Upgrade to SAP R/3 Enterprise
- A Custom Performance Test — Is It for You?

- [A guided tour of the SAP NetWeaver Application Server upgrade tools](#)
- [A Homogeneous System Copy in 60 Minutes? It Can Be Done!](#)
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- [Globalizing Applications Part 1: Pre-Unicode Solutions](#)
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- [Lessons in Logon Load Balancing](#)
- [Looking Forward to the Unicode Advantage: Internationalization and Integration](#)
- [Master the five remote function call \(RFC\) types in ABAP: Part 1 — A comprehensive guide for SAP programmers and administrators](#)
- [Mastering the Administrative and Development Tasks Required to Put Archived Data in Easy Reach of Every User](#)
- [Minimize data warehouse disruption post mergers and acquisitions with SAP NetWeaver 7.0's Universal Data Connect and Master Data Management](#)
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