

# Documentation

Find information and links to documentation with relevance in the "SAP on IBM Z" environment.

## [IBM Documentation](#)

- [IBM Technical Whitepapers and Technotes](#)
- [IBM Redbooks and Redpapers](#)
- [Customer references SAP on Z \(case studies, videos\)](#)
- [IBM Solution Briefs](#)

## [SAP Documentation](#)

- [General SAP documentation](#)
- [SAP on DB2 for z/OS Community](#)

The following links to PDF files require [Adobe® Reader®](#).

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## **IBM Documentation**

- [Business Continuity for SAP on IBM Z, Edition 2022, SC33-8206-13.](#)  
This book applies to SAP NetWeaver Release 7.2 up to and including 7.5x. The documentation covers the latest releases of the involved software components. It is based on the functionality that is delivered with the \*SAPSRV add-on policy of IBM System Automation (SA) for z/OS 4.1 with APAR level OA61966 and of SA for z/OS 4.2 with APAR level OA61966.

This edition includes support of Red Hat® Enterprise Linux on IBM Z application servers.

## [IBM Knowledge Center](#)

The IBM Knowledge Center is the home for all official DB2 for z/OS product information on the web. Select documentations may also be offered in translated versions there, like in Japanese or Brazilian Portuguese.

[DB2 12 for z/OS](#)

[DB2 11 for z/OS](#)

## [IBM Technical Whitepapers and Technotes](#)

Some examples of what you can find there:

- IBM Z: [Performance Evaluation of SAP Application Servers on Z](#)
- [Leveraging IBM z Systems Scalability for SAP Insurance Policy Management](#). Extensive project with focus on Policy Management demonstrates IBM z Systems performance and scalability with SAP Insurance.
- Complimentary e-book: [DB2 12 for z/OS - The #1 Enterprise Database](#). Secure, Seamless Integration for an Analytics, Mobile & Cloud World
- IBM z Systems: [Performance Report on Exploiting SMT for SAP Application Servers on z13](#)
- IBM z Systems: [Performance Report on Exploiting Large Memory for DB2 Buffer Pools with SAP](#)
- IBM zEnterprise System: [DB2 11 for z/OS with SAP Performance Report](#)
- IBM zEnterprise System: [SAP Enqueue Replication into System z Coupling Facility Performance Test Report](#)
- IBM zEnterprise System: [SAP Bank Analyzer 8.0 AFI Loan Tests](#)
- IBM zEnterprise System and System Storage Server DS8870: [SAP Bank Analyzer 8.0 AFI Current Accounts Tests](#)
- IBM System z: [SAP for Insurance Tests](#)
- [Tuning SAP on DB2 for z/OS on System z](#)

Additional technical recommendations:

- Recommended [z/VM settings for running SAP application servers on Linux on IBM z Systems](#)
- IBM Z Performance: [SAP Application Server on KVM paper](#):  
This is a publication regarding a Linux on IBM Z performance evaluation of SAP Application Servers running under KVM.

## IBM Redbooks and Redpapers

Some examples of books covering aspects of SAP on IBM Z:

- [Exploring IBM Db2 for z/OS Continuous Delivery](#) (Db2 12)
- [IBM Db2 12 for z/OS Performance Topics](#)
- [Db2 12 for z/OS Technical Overview and Highlights](#)
- [Db2 12 for z Optimizer](#)
- [IBM Db2 12 for z/OS Technical Overview](#)
- [IBM z Systems: Performance Report on Exploiting SMT for SAP Application Servers on z13](#)
- [DB2 11 for z/OS Technical Overview](#)
- [Introducing IBM z14](#)
- [Introducing IBM z15](#)
- [Security on IBM Mainframes](#)

## Customer references SAP on Z (case studies, videos)

- gkd-el. Superb scalability and reliability with low TCO keeps clients and citizens happy ([case study](#))
- Baldor Electric Company builds world-class real-time manufacturing capabilities to drive ultimate customer satisfaction ([case study](#))
- Baldor Electric is growing with innovation and speed ([video](#))
- Major utility organization: Enabling business growth for all services with fast, robust mainframe platform for SAP applications ([case study](#))

## IBM Solution Briefs for SAP solutions on Z:

- [Trusted digital experiences with SAP on IBM z14.](#) IBM Z delivers leading security, performance and availability for critical applications.
- [IBM z13 for SAP workloads.](#)
- [Deliver industry-leading business continuity for SAP solutions.](#) How to maintain continuous operations for business-critical SAP applications on the IBM z Systems platform.
- [Ensuring real business continuity for mission-critical SAP solutions.](#) Increasing availability by exploiting the IBM z Systems Coupling Facility.
- [Safeguard mission-critical SAP data to minimize business risk.](#) With non-disruptive backup and highly efficient recovery solutions for IBM DB2 for z/OS.
- [Efficient end-to-end SAP database management from a single point.](#) Reduce complexity with the DBA Cockpit for DB2 on z/OS.
- [Providing faster, more powerful business reporting.](#) With the IBM DB2 Analytics Accelerator for SAP NetWeaver Business Warehouse on IBM z Systems.
- [Automate SAP System Copy and Refresh to raise productivity and quality.](#) Reduce complexity with IBM Entry Cloud Configuration for SAP solutions on IBM z Systems.

# SAP Documentation

General SAP documentation: Note that some pages require access to SAP support pages.

- General SAP documentation (Help Portal Page for SAP documentation): [https://help.sap.com/viewer/product/DB2/CURRENT\\_VERSION/en-US](https://help.sap.com/viewer/product/DB2/CURRENT_VERSION/en-US)  
Here you can find all documentation that you need to run your SAP system on the IBM Db2 for z/OS.
- SAP Installation Guides (via Guide Finder for SAP NetWeaver and ABAP Platform): <https://help.sap.com/viewer/nwguidefinder>  
Here you can find the relevant for installing, upgrade, or patching your SAP NetWeaver system. You can filter for application server stack, operating system, and database.
- SAP Notes and SAP Knowledge Base Articles: <https://support.sap.com/en/my-support/knowledge-base.html>
- Database Administration Guide for SAP on IBM Db2 for z/OS: [https://help.sap.com/viewer/db2\\_administration\\_guide](https://help.sap.com/viewer/db2_administration_guide)
- Security Guide for SAP on IBM Db2 for z/OS: [https://help.sap.com/viewer/db2\\_security\\_guide](https://help.sap.com/viewer/db2_security_guide)
- Planning Guide for SAP on IBM Db2 for z/OS: [https://help.sap.com/viewer/db2\\_planning\\_guide](https://help.sap.com/viewer/db2_planning_guide)
- [SAP Notes Search](#)
- [TLS Certificate Authentication for SAP on IBM Z](#)  
An update of the best-practices guide covering TLS with Client-Certificate Authentication is available, with simplifications and improvements for our reference setup.

The search page allows you to find a note by number, or by a keyword or other search term. For example, SAP Note [81737 - DB2-z/OS: APAR List](#) is of particular interest because it describes the required service level for running SAP with Db2 for z/OS.

## [SAP on Db2 for z/OS Community](#)

The SAP Community offers a knowledge center and forum around SAP. Also, you can find pages especially for SAP on Db2 for z/OS:

<https://www.sap.com/community/topic/db2-for-zos>. Some of the links require an SAP user ID.

The SAP Community Network provides a number of links to SAP documentation and information, and you can find summaries of related documentation:

- [Summary of SAP Documentation & Information](#)
- [Summary of IBM Documentation & Information](#)

You can find relevant technical papers, including the following documents:

- Reference Architectures
  - [SAP on IBM Z - SAP for Banking Reference Architecture](#)
  - [SAP on IBM Z - SAP for Insurance Reference Architecture](#)
  - [SAP on IBM Z - SAP Business Suite Reference Architecture](#)
- Db2 for z/OS related documentation
  - Best Practice Guide: [ABAP Core Data Services on anyDB](#). Guidance on how to implement, monitor and tune CDS based applications in Business Suite systems running anyDB.
  - [SAP Solution Manager Diagnostics Agent for z/OS](#). Install and set up an SAP SMDA instance on z/OS and connect it to your SAP Solution Manager.
  - [Scaling Progressive SAP Solutions with DB2 12](#)
  - Best practice document: [Migrating SAP Systems to DB2 12 for z/OS](#) (download attachment from SAP Note 2303029)
  - [DB2 11 for Mission-Critical SAP Solutions](#)
  - SAP Casebook 2017 [Tightly Integrated DB2 Backup, Recovery and Cloning](#) (latest technologies DB2 12, z/OS 2.2)
  - Casebook-2014 Edition [Tightly Integrated DB2 Backup, Recovery and Cloning for SAP Environments](#) (DB2 11, FlashCopy)