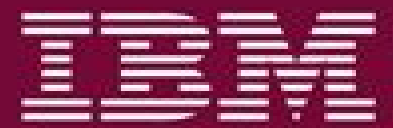
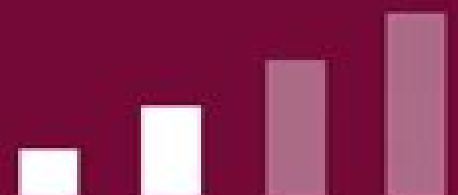
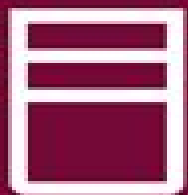


# z/OS



# Installation Using z/OSMF

IBM Systems  
Intermediate



# Z Os Installation Guide

**Yicheng Fang**



## **Z Os Installation Guide:**

The Complete Guide to CICS Transaction Gateway Volume 1 Configuration and Administration Rufus Credle, Sue Bayliss, Leigh Compton, Robert Jones, Manuela Mandelli, Richard Mercadante, IBM Redbooks, 2014-08-08 In this IBM Redbooks publication you will gain an appreciation of the IBM CICS Transaction Gateway CICS TG product suite based on key criteria such as capabilities scalability platform CICS server support application language support and licensing model Matching the requirements to available infrastructure and hardware choices requires an appreciation of the choices available In this book you will gain an understanding of those choices and will be capable of choosing the appropriate CICS connection protocol APIs for the applications and security options You will understand the services available to the application developer when using a chosen protocol You will then learn about how to implement CICS TG solutions taking advantage of the latest capabilities such as IPIC connectivity high availability and Dynamic Server Selection Specific scenarios illustrate the usage of CICS TG for IBM z OS and CICS TG for Multiplatforms with CICS Transaction Server for z OS and IBM WebSphere Application Server including connections in CICS configuring simple end to end connectivity all platforms with verification for remote and local mode applications and adding security XA support and high availability **DB2 10 for z/OS Technical**

**Overview** Paolo Bruni, Rafael Garcia, Sabine Kaschta, Josef Klitsch, Ravi Kumar, Andrei Lurie, Michael Parbs, Rajesh Ramachandran, IBM Redbooks, 2014-07-16 IBM DB2 Version 10 1 for z OS DB2 10 for z OS or just DB2 10 throughout this book is the fourteenth release of DB2 for MVSTM It brings improved performance and synergy with the System z hardware and more opportunities to drive business value in the following areas Cost savings and compliance through optimized innovations DB2 10 delivers value in this area by achieving up to 10% CPU savings for traditional workloads and up to 20% CPU savings for nontraditional workloads depending on the environments Synergy with other IBM System z platform components reduces CPU use by taking advantage of the latest processor improvements and z OS enhancements Streamline security and regulatory compliance through the separation of roles between security and data administrators column level security access and added auditing capabilities Business insight innovations Productivity improvements are provided by new functions available for pureXML data warehousing and traditional online TP applications Enhanced support for key business partners that allow you to get more from your data in critical business disciplines like ERP Bitemporal support for applications that need to correlate the validity of data with time Business resiliency innovations Database on demand capabilities to ensure that information design can be changed dynamically often without database outages DB2 operations and utility improvements enhancing performance usability and availability by exploiting disk storage technology The DB2 10 environment is available either for brand new installations of DB2 or for migrations from DB2 9 for z OS or from DB2 UDB for z OS Version 8 subsystems This IBM Redbooks publication introduces the enhancements made available with DB2 10 for z OS The contents help you understand the new functions and performance enhancements start planning for exploiting the

key new capabilities and justify the investment in installing or migrating or skip migrating to DB2 10 *z/OS Version 1 Release 12 Implementation* Paul Rogers,Robert Hering,Paulo Heuser,George Kozakos,Lutz Kühner,Jean-Louis Lafitte,Diana Nakajima,Paulo Cesar Nascimento,Gil Peleg,IBM Redbooks,2011-04-27 This IBM Redbooks publication describes changes in installation and migration when migrating from a current z OS V1R10 and z OS V1R11 to z OS V1R12 Also described are tasks to prepare for the installation of z OS V1R12 including ensuring that driving system and target system requirements are met and coexistence requirements are satisfied New migration actions are introduced in z OS V1R12 This book focuses on identifying some of the new migration actions that must be performed for selected elements when migrating to z OS V1R12 This book describes the following enhancements z OS V1R12 installation HiperDispatch System Logger Auto reply to WTORs Real Storage Manager RSM DFSMS DFSORT Services aids z OS Infoprint Server TSO E RMFTM Language Environment BCP allocation XML System Services z OS UNIX System Services BCP supervisor Extended Address Volumes HyperSwap BCPii de ciphering Predictive Failure Analysis C language Hardware instrumentation services FICON dynamic channel path management Workload Manager SDSF JES2 JES3 SMF GRS XCF HCD Unicode Capacity provisioning RRS Parallel subsystems initialization z OS Management Facility z OSMF *z/OS Version 1 Release 13 Implementation* Paul Rogers,Diniz Bortolotto,Robert Hering,George Kozakos,Lutz Kuehner,Jean-Louis Lafitte,Diana Nakajima,Paulo Nascimento,Nelson Oliveira,Gil Peleg,Giancarlo Rodolfi,Anthony Soares,Joao Zanon,IBM Redbooks,2012-03-27 This IBM Redbooks publication provides information about installation and migration changes to be aware of if you are responsible for migrating systems from IBM z OS V1R10 z OS V1R11 and z OS V1R12 to z OS V1R13 It also highlights actions that are needed to prepare for the installation of z OS V1R12 including ensuring driving system and target system requirements are met and coexistence requirements are satisfied There is a special focus on identifying new migration actions that must be performed for selected elements when migrating to z OS V1R13 The book addresses the following topics z OS V1R13 overview z OS V1R13 installation managing volume backups with fast replication XCF enhancements console service enhancements DFSMSdftp DFSMSOam DFSMSHsm ISPF enhancements DFSMSrmm enhancements establishing IBM RACF security for RRSF TCP IP connections GRS enhancements BCP supervisor contents supervisor and RSM updates improved channel recovery Service aids enhancements System Logger SMF z OS UNIX System Services z OS UNIX related applications RRS z OS Management Facility z OS HCD and HCM C language Storage management enhancements Common Information Model Predictive Failure Analysis Extended Address Volume BCPii Capacity Provisioning System SSL enhancements UNICODE IBM Language Environment SDSF enhancements JES2 enhancements JES3 enhancements IBM RMFTM enhancements IBM WebSphere Application Server OEM z OSMF CIM and Capacity Provisioning setups BCPii Metal C example **S1 Consumer Suite for Z/OS Installation Guide** Vasilis Karras,Hoson Rim,2002 [IBM HiperSockets Implementation Guide](#) Mike Ebbers,Micky Reichenberg,Alexandra Winter,IBM Redbooks,2014-06-10 This IBM Redbooks

publication provides information about the IBM System z HiperSockets™ function. It offers a broad description of the architecture functions and operating systems support. This publication will help you plan and implement HiperSockets. It provides information about the definitions needed to configure HiperSockets for the supported operating systems. This book is intended for system programmers, network planners and systems engineers who want to plan and install HiperSockets. A solid background in network and Transmission Control Protocol/Internet Protocol (TCP/IP) is assumed. **Streamline**

**Business with Consolidation and Conversion to DB2 for z/OS** Paolo Bruni, Marcos Caurim, Elise Gotay, Susan Lawson, Glenn McGeoch, Rebecca Poole, IBM Redbooks, 2014-11-05. Time to market flexibility and cost reduction are among the top concerns common to all IT executives. If significant resource investments are placed in mature systems, IT organizations need to balance old and new technology. Older technology such as non-IBM pre-relational databases is costly, inflexible and non-standard. Users store their information on the mainframe and thus preserve the skills and qualities of service their business needs. But users also benefit from standards-based modernization by migrating to IBM DB2 for z/OS. With this migration, users deliver new application features quickly and respond to changing business requirements more effectively. When migrating, the main decision is choosing between conversion and re-engineering. Although the rewards associated with rebuilding mature applications are high, so are the risks and customers that are embarking on a migration need that migration done quickly. In this IBM Redbooks publication, we examine how to best approach the migration process by evaluating the environment, assessing the application as a conversion candidate and identifying suitable tools. This publication is intended for IT decision makers and database administrators who are considering migrating their information to a modern database management system. *IBM z13s Technical Guide* Octavian Lascu, Barbara Sannerud, Cecilia A. De Leon, Edzard Hoogerbrug, Ewerson Palacio, Franco Pinto, Jin J. Yang, John P. Troy, Martin Soellig, IBM Redbooks, 2016-11-10.

Digital business has been driving the transformation of underlying information technology. IT infrastructure to be more efficient, secure, adaptive and integrated. IT must be able to handle the explosive growth of mobile clients and employees. It also must be able to process enormous amounts of data to provide deep and real-time insights to help achieve the greatest business impact. This IBM Redbooks publication addresses the new IBM z Systems™ single frame, the IBM z13s server. IBM z Systems servers are the trusted enterprise platform for integrating data, transactions and insight. A data-centric infrastructure must always be available with a 99.999% or better availability, have flawless data integrity and be secured from misuse. It needs to be an integrated infrastructure that can support new applications. It also needs to have integrated capabilities that can provide new mobile capabilities with real-time analytics delivered by a secure cloud infrastructure. IBM z13s servers are designed with improved scalability, performance, security, resiliency, availability and virtualization. The superscalar design allows z13s servers to deliver a record level of capacity over the prior single frame z Systems server. In its maximum configuration, the z13s server is powered by up to 20 client-characterizable microprocessors, cores running at 4.3

GHz This configuration can run more than 18 000 millions of instructions per second MIPS and up to 4 TB of client memory The IBM z13s Model N20 is estimated to provide up to 100% more total system capacity than the IBM zEnterprise BC12 Model H13 This book provides information about the IBM z13s server and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the IBM z Systems™ functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM z Systems technology and terminology

**Mainframe from Scratch: Hardware Configuration and z/OS Build** Keith Winnard,Bertus Bekker,Rafael Carvalho A. Lima,Nilkanth Patwardhan,Zheng Zhao,Hui Zhou,IBM Redbooks,2016-12-22 This IBM Redbooks publication helps you install customize and configure an IBM z13 and build z OS environments This book is intended for those readers who are new to the platform and are faced with the task of installing a mainframe for the first time By the term mainframe in this instance we refer to the hardware and the system software The intention is to show you how this installation can be done Volume 1 shows you how we set up a mainframe and installed z OS V2R2 and IBM DB2 V11 The starting point is a basic hardware configuration of an IBM z13 and DS8000 as shipped from the factory Volume 1 shows you how the following milestones were achieved Creating a configuration for the Customized Offering Driver COD system Stand alone restoration of the COD Expanding the configuration Installing the z OS V2R2 ServerPac Loading and running IVPs for z OS ServerPac Installing DB2 ServerPac and IVPs This publication includes figures that show you how the initial builds were achieved For this book we designed a scenario and show you how to build that scenario step by step Although your requirements likely differ from our scenario we intend to provide you with an example to show you how it can be done and samples and downloadable materials that you can choose to modify to bring you closer to meeting your needs This book is divided into the following parts Part 1 Overview and Planning In this part we introduce you to how we approached the project Part 2 Configuration and builds In this part we describe the tasks that must be completed to create the initial build for the scenario that is described in Part 1

[Optimizing DB2 Queries with IBM DB2 Analytics Accelerator for z/OS](#) Paolo Bruni,Patric Becker,Willie Favero,Ravikumar Kalyanasundaram,Andrew Keenan,Steffen Knoll,Nin Lei,Cristian Molaro,P S Prem,IBM Redbooks,2012-12-20 The IBM DB2 Analytics Accelerator Version 2.1 for IBM z OS also called DB2 Analytics Accelerator or Query Accelerator in this book and in DB2 for z OS documentation is a marriage of the IBM System z Quality of Service and Netezza technology to accelerate complex queries in a DB2 for z OS highly secure and available environment Superior performance and scalability with rapid appliance deployment provide an ideal solution for complex analysis This IBM Redbooks publication provides technical decision makers with a broad understanding of the IBM DB2 Analytics Accelerator architecture and its exploitation by documenting the steps for the installation of this solution in an existing DB2 10 for z OS environment In this book we define a business analytics scenario evaluate the potential benefits of the DB2

Analytics Accelerator appliance describe the installation and integration steps with the DB2 environment evaluate performance and show the advantages to existing business intelligence processes **IBM z/OS V2R1 Communications Server TCP/IP Implementation Volume 4: Security and Policy-Based Networking** Rufus P. Credle Jr.,Uma Maheswari Kumaraguru,Gilson Cesar de Oliveira,Micky Reichenberg,Georg Senfleben,Rutsakon Techo,Maulide Xavier,IBM Redbooks,2016-02-10 For more than 40 years IBM mainframes have supported an extraordinary portion of the world s computing work providing centralized corporate databases and mission critical enterprise wide applications IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class and state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP/IP Implementation series provides understandable step by step guidance about how to enable the most commonly used and important functions of z OS Communications Server TCP/IP This IBM Redbooks publication is for people who install and support z OS Communications Server It explains how to set up security for your z OS networking environment Network security requirements have become more stringent and complex Because many transactions are from unknown users and untrusted networks careful attention must be given to host and user authentication data privacy data origin authentication and data integrity Also because security technologies are complex and can be confusing we include helpful tutorial information in the appendixes of this book

*IMS 11 Open Database* Paolo Bruni,Angie Greenhaw,Thilo Liedloff,Bob Stone,IBM Redbooks,2010-08-12 IMSTM Version 11 continues to provide the leadership in performance reliability and security that is expected from the product of choice for critical online operational applications IMS 11 also offers new functions to help you keep pace with the evolving IT industry Through the introduction of the new IMS Enterprise Suite application developers with minimal knowledge of IMS Connect can start developing client applications to communicate with IMS With Open Database IMS 11 also provides direct SQL access to IMS data from programs that run on any distributed platform unlocking DL I data to the world of SQL application programmers In this IBM Redbooks publication system programmers get the steps for installing the new IMS components and the application programmer can follow scenarios of how client applications can take advantage of SQL to access IMS data We describe the installation of prerequisites such as IMS Connect and the Structured Call Interface component of Common Service Layer address space and document the set up of the three new IMS drivers Universal DB resource adapter

Universal JDBC driver Universal DL I driver Our scenarios use the JDBC driver for type 4 access from Windows to a remote DL I database and DB2 tables and extend it to use IBM Mashup Center to provide an effective Web interface and to integrate with Open Database Important IMS Enterprise Suite V2 1 is the last release of the IMS Enterprise Suite that includes the DLIModel utility plug in Customers should migrate to using IMS Enterprise Suite V2 2 or later which includes the IMS Enterprise Suite Explorer for Development DLIModel utility projects can be imported into new IMS Explorer projects In this book any references to generating IMS metadata classes by using the DLIModel utility are comparable to the actions used to generate the classes using the IMS Explorer for Development

### **WebSphere Application Server V8: Administration and Configuration Guide**

Martin Bentancour,Libor Cada,Jing Wen Cui,Marcio d'Amico,Ural Emekci,Sebastian Kapciak,Jennifer Ricciuti,Margaret Ticknor,IBM Redbooks,2011-11-22 This IBM Redbooks publication provides system administrators and developers with the knowledge to configure an IBM WebSphere Application Server Version 8 runtime environment to package and deploy applications and to perform ongoing management of the WebSphere environment As one in a series of IBM Redbooks publications and IBM Redpapers publications for V8 the entire series is designed to give you in depth information about key WebSphere Application Server features In this book we provide a detailed exploration of the WebSphere Application Server V8 runtime administration process This book includes configuration and administration information for WebSphere Application Server V8 and WebSphere Application Server Network Deployment V8 on distributed platforms and WebSphere Application Server for z OS V8 The following publications are prerequisites for this book WebSphere Application Server V8 0 Technical Overview REDP 4756 IBM WebSphere Application Server V8 Concepts Planning and Design Guide SG24 7957 *IBM zEnterprise BC12 Technical Guide* Octavian Lascu,Hua Bin Chu,Ivan Dobos,Luiz Fadel,Wolfgang Fries,Parwez Hamid,Fernando E Nogal,Frank Packheiser,Ewerson Palacio,Martijn Raave,Vicente Ranieri Jr.,Andre Spahni,Chen Zhu,IBM Redbooks,2015-03-03 The popularity of the Internet and the affordability of information technology IT hardware and software have resulted in an explosion dramatic increase in the number of applications architectures and platforms Workloads have changed Many applications including mission critical ones are deployed on a variety of platforms and the IBM System z design has adapted to this change It takes into account a wide range of factors including compatibility and investment protection to match the IT requirements of an enterprise This IBM Redbooks publication provides information about the IBM zEnterprise BC12 zBC12 an IBM scalable mainframe server IBM is taking a revolutionary approach by integrating separate platforms under the well proven System z hardware management capabilities while extending System z qualities of service to those platforms The zEnterprise System consists of the zBC12 central processor complex the IBM zEnterprise Unified Resource Manager and the IBM zEnterprise BladeCenter Extension zBX The zBC12 is designed with improved scalability performance security resiliency availability and virtualization The zBC12 provides the following improvements over its predecessor the IBM zEnterprise 114 z114 Up to a 36% performance



boost per core running at 4.2 GHz Up to 58% more capacity for traditional workloads Up to 62% more capacity for Linux workloads The zBX infrastructure works with the zBC12 to enhance System z virtualization and management through an integrated hardware platform that spans mainframe IBM POWER7 and IBM System x technologies The federated capacity from multiple architectures of the zEnterprise System is managed as a single pool of resources integrating system and workload management across the environment through the Unified Resource Manager This book provides an overview of the zBC12 and its functions features and associated software support Greater detail is offered in areas relevant to technical planning This book is intended for systems engineers consultants planners and anyone who wants to understand zEnterprise System functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM System z technology and terminology

**IBM z13 Technical Guide** Octavian Lascu, Edzard Hoogerbrug, Cecilia A De Leon, Ewerson Palacio, Franco Pinto, Barbara Sannerud, Martin Soellig, John Troy, Jin Yang, IBM Redbooks, 2016-11-11 Digital business has been driving the transformation of underlying IT infrastructure to be more efficient secure adaptive and integrated Information Technology IT must be able to handle the explosive growth of mobile clients and employees IT also must be able to use enormous amounts of data to provide deep and real time insights to help achieve the greatest business impact This IBM Redbooks publication addresses the IBM Mainframe the IBM z13™ The IBM z13 is the trusted enterprise platform for integrating data transactions and insight A data centric infrastructure must always be available with a 99.999% or better availability have flawless data integrity and be secured from misuse It needs to be an integrated infrastructure that can support new applications It needs to have integrated capabilities that can provide new mobile capabilities with real time analytics delivered by a secure cloud infrastructure IBM z13 is designed with improved scalability performance security resiliency availability and virtualization The superscalar design allows the z13 to deliver a record level of capacity over the prior IBM z Systems™ In its maximum configuration z13 is powered by up to 141 client characterizable microprocessors cores running at 5 GHz This configuration can run more than 110 000 millions of instructions per second MIPS and up to 10 TB of client memory The IBM z13 Model NE1 is estimated to provide up to 40% more total system capacity than the IBM zEnterprise EC12 zEC1 Model HA1 This book provides information about the IBM z13 and its functions features and associated software support Greater detail is offered in areas relevant to technical planning It is intended for systems engineers consultants planners and anyone who wants to understand the IBM z Systems functions and plan for their usage It is not intended as an introduction to mainframes Readers are expected to be generally familiar with existing IBM z Systems technology and terminology

**DB2 ,1988 ISV IBM zPDT Guide and Reference** Bill Ogden, IBM Redbooks, 2022-12-13 This IBM Redbooks publication provides both introductory information and technical details for ISV IBM Z Program Development Tool IBM zPDT which produces a small IBM zSystems environment that is suitable for application development ISV zPDT is a personal computer PC Linux application When ISV zPDT is installed on

Linux normal IBM zSystems operating systems such as IBM z OS may be run on it ISV zPDT provides the basic IBM zSystems architecture and provides emulated IBM 3390 disk drives 3270 interfaces Open Systems Adapter OSA interfaces and other items The systems that are described in this publication are complex with elements of Linux for the underlying PC machine IBM z Architecture for the core zPDT elements IBM zSystems I O functions for emulated I O devices z OS the most common IBM zSystems operating system and various applications and subsystems under z OS We assume that the reader is familiar with general concepts and terminology of IBM zSystems hardware and software elements and with basic PC Linux characteristics This publication provides the primary documentation for ISV zPDT and corresponds to zPDT V1 R11 commonly known as GA11

*Merging Systems into a Sysplex* Frank Kyne, Jeff Belot, Grant Bigham, Alberto Camara Jr., Michael Ferguson, Gavin Foster, Roger Lowe, Mirian Minomizaki Sato, Graeme Simpson, Valeria Sokal, Feroni Suhood, IBM Redbooks, 2014-09-05 This IBM Redbooks publication provides information to help Systems Programmers plan for merging systems into a sysplex zSeries systems are highly flexible systems capable of processing many workloads As a result there are many things to consider when merging independent systems into the more closely integrated environment of a sysplex This book will help you identify these issues in advance and thereby ensure a successful project

*IBM z/OS V2R2 Communications Server TCP/IP Implementation: Volume 4 Security and Policy-Based Networking* Bill White, Octavio Ferreira, Teresa Missawa, Teddy Sudewo, IBM Redbooks, 2017-03-21 For more than 50 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications IBM z Systems the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class and state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance about how to enable the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication is for people who install and support z OS Communications Server It explains how to set up security for your z OS networking environment With the advent of TCP IP and the Internet network security requirements have become more stringent and complex Because many transactions are from unknown users and untrusted networks such as the Internet careful attention must be given to host and user authentication data privacy data origin authentication and data integrity Also because

security technologies are complex and can be confusing we include helpful tutorial information in the appendixes of this book For more information about z OS Communications Server base functions standard applications and high availability see the other following volumes in the series IBM z OS V2R2 Communications Server TCP IP Implementation Volume 1 Base Functions Connectivity and Routing SG24 8360 IBM z OS V2R2 Communications Server TCP IP Implementation Volume 2 Standard Applications SG24 8361 IBM z OS V2R2 Communications Server TCP IP Implementation Volume 3 High Availability Scalability and Performance SG24 8362 This book does not duplicate the information in these publications Instead it complements those publications with practical implementation scenarios that might be useful in your environment For more information about at what level a specific function was introduced see z OS Communications Server New Function Summary GC31 8771      Server Time Protocol Planning Guide Octavian Lascu,Hans-Peter Eckam,George Kozakos,Paulo Vitor Pereira,IBM Redbooks,2016-04-12 Server Time Protocol STP is a server wide facility that is implemented in the Licensed Internal Code LIC of the IBM zEnterprise Servers zEC12 z196 and z114 System z10TM Enterprise Class z10 EC System z10 Business Class z10 BC IBM System z9 Enterprise Class z9 EC System z9 Business Class z9 BC and zSeries z990 and z890 servers It provides improved time synchronization in a sysplex or non sysplex configuration This IBM Redbooks publication is intended for infrastructure architects and system programmers who need to understand the IBM STP functions Readers are expected to be generally familiar with System z technology and terminology This book provides planning information for Server Time Protocol functions and associated software support For more detailed installation operation and recovery information refer to the companion books Server Time Protocol Implementation Guide SG24 7281 and Server Time Protocol Recovery Guide SG24 7380

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## **Z Os Installation Guide Introduction**

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