

z/OS



z/OS Information Roadmap

Version 2 Release 1

z/OS



z/OS Information Roadmap

Version 2 Release 1

Note

Before using this information and the product it supports, read the information in "Notices" on page 61.

This edition applies to Version 2 Release 1 of z/OS (5650-ZOS) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Abstract for z/OS Information Roadmap

z/OS[®] is an advanced, highly secure, high-performance enterprise operating system that enables the latest zEnterprise[®] hardware. z/OS includes many performance and scalability enhancements for data serving workloads, and provides a comprehensive and diverse application execution environment.

How to navigate this information

For an explanation of how to obtain and use z/OS documents, see Chapter 1, “Accessing z/OS documentation,” on page 1.

To understand print options, see Chapter 2, “Printing z/OS documents,” on page 3.

For descriptions of z/OS base elements and optional features, in alphabetical order (where appropriate), see Chapter 3, “z/OS document descriptions,” on page 5.

For a list of the titles and order numbers for all z/OS documents, see Chapter 4, “z/OS V2R1 titles and order numbers,” on page 33.

z/OS information

This information explains how z/OS references information in other documents and on the web.

When possible, this information uses cross document links that go directly to the topic in reference using shortened versions of the document title. For complete titles and order numbers of the documents for all products that are part of z/OS, see *z/OS Information Roadmap*.

To find the complete z/OS library, including the z/OS Information Center, see z/OS Internet Library (<http://www.ibm.com/systems/z/os/zos/bkserv/>).

How to send your comments to IBM

We appreciate your input on this publication. Feel free to comment on the clarity, accuracy, and completeness of the information or provide any other feedback that you have.

Use one of the following methods to send your comments:

1. Send an email to mhvrcfs@us.ibm.com.
2. Send an email from the "Contact us" web page for z/OS (<http://www.ibm.com/systems/z/os/zos/webqs.html>).
3. Mail the comments to the following address:
IBM Corporation
Attention: MHVRCFS Reader Comments
Department H6MA, Building 707
2455 South Road
Poughkeepsie, NY 12601-5400
US
4. Fax the comments to us, as follows:
From the United States and Canada: 1+845+432-9405
From all other countries: Your international access code +1+845+432-9405

Include the following information:

- Your name and address.
- Your email address.
- Your telephone or fax number.
- The publication title and order number:
z/OS Information Roadmap
SA23-2299-00
- The topic and page number that is related to your comment.
- The text of your comment.

When you send comments to IBM, you grant IBM a nonexclusive right to use or distribute the comments in any way appropriate without incurring any obligation to you.

IBM or any other organizations use the personal information that you supply to contact you only about the issues that you submit.

If you have a technical problem

Do not use the feedback methods that are listed for sending comments. Instead, take one of the following actions:

- Contact your IBM service representative.
- Call IBM technical support.
- Visit the IBM Support Portal at z/OS support page (<http://www.ibm.com/systems/z/support/>).

Chapter 1. Accessing z/OS documentation

Documentation is available on the internet in the z/OS information center and in PDF format for all z/OS releases.

There are a number of ways to view and print z/OS information, depending on your needs and what facilities are available to you. IBM® provides the z/OS information center, the z/OS internet library, and the z/OS collection kit, which contain PDF formats of z/OS documents.

Here are some common formats that are available to view z/OS softcopy information.

- *HTML*: The z/OS information center provides documentation for z/OS base elements and optional features in HTML format that is provided by IBM User Interface Help System Built on Eclipse. For more information about accessing and searching the z/OS information center from your browser, see “Viewing information in the information center” home page. To find the complete z/OS library, including the z/OS information center, see z/OS Internet Library (<http://www.ibm.com/systems/z/os/zos/bkserv/>).
- *PDF*: Most z/OS documents are provided in PDF format. The primary purpose for providing PDF files is for printing either a specific topic or the entire publication. You can also view a PDF online, or download one or many to your own repository. To find the complete z/OS library in PDF, see z/OS Internet Library (<http://www.ibm.com/systems/z/os/zos/bkserv/>).
- *z/OS collection kits*: In the past, IBM provided the z/OS Collection and the z/OS and z/OS Software Products DVD Collection containing BookManager and PDF format. Starting with z/OS V2R1, the collection kits are made available to you in electronic format only. The typical reason to download the entire kit is to maintain a private repository of z/OS and related publications. To find all z/OS collection kits, see IBM Publications Center (<http://www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss>).

Accessing PDF information from all formats minimally requires the Adobe Reader. For information about installing and printing with the Adobe Reader, see the Adobe Acrobat Family website at Adobe Acrobat Family website (www.adobe.com/prodindex/acrobat).

Cross document linking

z/OS books include cross document links to move directly from one softcopy book to another. While you are reading a z/OS book, you can click the highlighted section or title of a referenced z/OS book to open that book. After you read the related material, you can close the referenced book to return to the original book. Linking across documents works for all z/OS documentation. The links are indicated by blue highlighting either under or around the document or topic reference. When you use an intranet or local repository, the linking PDFs must be in the same directory.

When you link from one PDF to another using the Adobe Reader's **back button**, you return to the original spot in the first PDF. If you use the same link within a browser on the Internet, the browser's **back button** takes you to the original spot

in the first PDF. In the z/OS information, you must use the **back arrow** that is provided by the IBM User Interface Help System Built on Eclipse to return to the original spot.

Cross-book linking for PDFs also works among the books on the same collection kit. If you maintain your own PDF repository, keep multiple levels of PDFs together in the same directory to minimize unresolved links. PDFs link to each other by file name, and IBM changes a book's file name whenever the document is updated. Therefore, a link from an unchanged PDF might not connect to a new edition of a target book because the new edition has a new file name. However, a link from an unchanged PDF still connects to its original target book.

By contrast, an information center topic links by file name, which typically stays the same from release to release. An unchanged information center file can usually link successfully to an updated target file. In addition, the z/OS information center is indexed by search engines, which provides the ability to find z/OS documentation titles and individual topics with a browser.

Chapter 2. Printing z/OS documents

How to print z/OS documents.

When you order z/OS, you receive *z/OS Hot Topics Newsletter* in hardcopy format. PDF files provide the best form of printing hardcopy. You can print PDF files with the Adobe Reader, which is available free on the Internet at Adobe Acrobat Family website (www.adobe.com/prodindex/acrobat).

The method that you use to print documents or sections of documents depend on where you access documents.

An established softcopy repository of IBM information

Information on the internet or from the electronic collection kit.

Starting with z/OS V2R1, the z/OS collection kit, SK4T-4949-00 is an electronic only collection kit of the z/OS publications. The z/OS collection kit, a compressed set of files, is available from IBM Publications Center (<http://www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss>)

You can print hardcopy of all z/OS softcopy information, whether you are accessing those files from the z/OS Internet library, the information center, the electronic collection kit, or a local repository or intranet. For a complete hardcopy document that looks like a traditional publication, print the entire document in PDF format.

The z/OS information center is better suited for printing topics.

For large or graphically complex documents that must be printed on an Advanced Function Presentation (AFP) printer, you might want to have the host handle the transforms, instead of doing it on the workstation before sending the file. To print PDF files from a host repository, you can use z/OS and the optional Infoprint Server feature to expand your printing options. For more information, see the Infoprint library.

Printing from Adobe Reader

Install an Adobe Reader on your computer. In needed, you can install from the Adobe Acrobat Family website (Adobe Acrobat Family website (www.adobe.com/prodindex/acrobat)) for other readers or more information.

- Open the PDF file that you want to print. The file can be in the information center, in the z/OS library, or in any location you can view it with an Adobe Reader.
- Select either the **Print** icon or **File > Print**.
- Select the wanted printer or other print options as appropriate.
- Click **OK**.

If you decide to print a subset of a PDF document, the pages (as understood by Adobe Reader) are sequential. The front cover is page number 1. There are no Roman numeral page numbers for the front matter, and no section numbers. When you specify the pages to print, enter the page numbers from the Reader's point of view. Determine the page number by the box at the bottom of the screen; not how the number shows on the pages of the PDF document.

Printing with a LAN- or host-attached AFP printer

It is not feasible to print large or graphically complex PDF files on the typical desktop or local area network (LAN) attached printer. Use Infoprint Server with Infoprint Transforms to AFP for z/OS (5655-N60) to print high-quality hardcopy of PDF files on high-speed LAN-attached or host-attached AFP printers that are managed by Print Services Facility (PSF) for z/OS.

Workstation users on a LAN connected to z/OS can print PDF files from the web or the LAN. Host users can print PDF files from an MVS™ or zFS data set, such as a host repository of softcopy files, or PDF files that are uploaded from the internet or collection kit. For details, see the documentation for Infoprint Server and Infoprint Transforms in the z/OS Internet library (z/OS Internet library (<http://www.ibm.com/systems/z/os/zos/bkserv/>))

Print from the z/OS information center

Printing from the z/OS information center gives you the topic that you are currently viewing. Click your browser's **Print** icon, and then follow the usual steps for printing from your browser.

To print a whole document, go to the main landing page for the element to print the PDF. Follow the process for "Printing from Adobe Reader" on page 3.

Chapter 3. z/OS document descriptions

This section contains descriptions of the z/OS publications, organized by element, beginning with the system level z/OS documents.

System level documents

System level documentation contains information that applies to z/OS as a whole, not to a specific element in z/OS.

z/OS Hot Topics Newsletter: Contains articles about the delivery, installation, management, use, and documentation of elements and features.

z/OS Information Roadmap (the document you are now reading): Describes the information associated with including system-level documents and documents for the participating and features.

z/OS Introduction and Release Guide: Describes the contents and benefits of as well as the planned packaging and delivery of the product. This document includes descriptions of the new functions in each release.

z/OS Licensed Program Specifications: The Licensed Program Specification for z/OS V2R1. It is in PDF format only.

z/OS Migration: Provides information on how to migrate to z/OS Version 2 Release 1.

z/OS Planning for Installation: Helps you write an installation plan by providing the following information:

- Basics of
- Help for deciding on the software installation method
- Driving system software and hardware requirements
- Target system software and hardware requirements
- Minimum levels of stand-alone products that run with

z/OS Planning for Multilevel Security and the Common Criteria: Describes how to set up a secure system across elements to ensure compliance to Common Criteria Certification.

z/OS Planning for Sub-Capacity Pricing: Describes how to plan for and set up your system for subcapacity pricing for IBM products.

: The System z Platform Test Report documents the efforts of a team of IBM z/Architecture testers and system programmers simulating a customer production environment. This quarterly report describes cross-product and integrated testing in a Parallel Sysplex and includes testing of elements and features of z/OS that are not necessarily sysplex oriented. z/OS and sysplex customers should find this experience-driven information extremely useful.

z/OS Summary of Message and Interface Changes: Describes the changes to messages and interfaces for individual elements of . This document is provided in softcopy only on the message bookshelf of the Version 1 Release 13 Collection.

z/OS Using the Sub-Capacity Reporting Tool : Describes the Sub-Capacity Reporting Tool. This document is provided in PDF only available from Sub-Capacity reporting Tool home page (<http://www.ibm.com/systems/z/resources/swprice/subcap/scrt/>).

ServerPac: Using the Installation Dialog: Explains how to use the CustomPac installation dialog to install a ServerPac order. This document is shipped only with ServerPac orders; it is not shipped with any of IBM's CustomPac offerings, such as SystemPac, FunctionPac, ProductPac®, RefreshPac, or Selective Follow-on Services (SFS).

IBM Health Checker for z/OS: User's Guide: Contains information needed to install and use IBM Health Checker for z/OS.

z/OS Problem Management: Contains information for how to determine problems and find solutions for z/OS. It contains all the information for Predictive Failure Analysis and Runtime Diagnostics.

BDT File-to-File

z/OS BDT File-to-File Transaction Guide

Explains how to create and submit transactions to copy data sets.

BookManager

This section describes documents for BookManager® BUILD and BookManager READ.

IBM BookManager BUILD/MVS: Installation Planning and Customization

Describes how to install online documents and bookshelves on the host system. It also explains how to customize BookManager BUILD.

IBM BookManager READ/MVS and BUILD/MVS: General Information

Introduces IBM BookManager BUILD/MVS and IBM BookManager READ/MVS, which lets users create and use online documents. This document describes online documents and their similarities to printed documents. It also explains how to create online documents and bookshelves, and lists the requirements for installing and using both IBM BookManager READ/MVS and IBM BookManager BUILD/MVS.

IBM BookManager READ/MVS: Displaying Online Books

Shows how to use the BookManager READ panels to perform the most commonly used functions, such as starting and ending a READ session, searching documents and bookshelves, and printing softcopy information.

IBM BookManager READ/MVS: Getting Started

Helps users get started using the READ/MVS panels to display information online. It shows the actions available on the panels and describes how to perform the most common actions.

IBM BookManager READ/MVS: Installation Planning and Customization

Helps users plan the installation of IBM BookManager READ for use in a

environment. It also explains how to customize BookManager READ, which lets you organize, display, and search online documents.

Common Information Model

z/OS Common Information Model User's Guide

The *z/OS Common Information Model User's Guide* describes the overall CIM data model and how to use it, and also describes the z/OS specific supplements and differences, as well as installation, configuration and security instructions for z/OS systems.

Cryptographic Services

This section describes documents for Cryptographic Services, including ICSF, Open Cryptographic Services Facility, System Secure Sockets Layer (SSL) base, and PKI.

z/OS Cryptographic Services ICSF Administrator's Guide

Explains how to administer ICSF. It describes managing cryptographic keys, entering keys into the Cryptographic Key Data Set (CKDS) and using the key generator utility program (KGUP).

z/OS Cryptographic Services ICSF Writing PKCS #11 Applications

Describes the support for PKCS #11 provided by the z/OS Integrated Cryptographic Service Facility (ICSF). This document is primarily intended for application programmers who want to write PKCS #11 applications for z/OS.

z/OS Cryptographic Services ICSF Application Programmer's Guide

Describes the callable services provided by ICSF. It is helpful to application programmers using the security application programming interface (API) to access cryptographic functions.

z/OS Cryptographic Services ICSF Messages

Explains the ICSF messages and the routing and descriptor codes for those messages.

z/OS Cryptographic Services ICSF Overview

Introduces ICSF and provides information about the capabilities and benefits of using cryptographic services in a environment.

z/OS Cryptographic Services ICSF System Programmer's Guide

Explains how to initialize and customize ICSF. It also contains information and problem diagnosis information.

z/OS ICSF TKE PCIX Workstation User's Guide

Explains installing, implementing and administering Version 5.0 of the IBM Trusted Key Entry product. It is intended for anyone who manages cryptographic keys, usually a security administrator. It includes information to support the following tasks for the solution: Planning Installing Administering Customizing Using

- Planning

- Installing
- Administering
- Customizing
- Using

z/OS Open Cryptographic Services Facility Application Programming

Provides an overview of the Open Cryptographic Services Facility (OCSF). It explains how to integrate OCSF into applications and contains a sample OCSF application. It also defines the interfaces that application developers employ to access security services provided by the OCSF framework and service provider modules. It also describes specific information about the individual service providers.

z/OS Open Cryptographic Services Facility Service Provider Module Developer's Guide and Reference

Describes the features common to all OCSF service provider modules. It defines the interfaces for certificate, trust and data library service providers. Service provider developers must conform to these interfaces for the individual service provider modules to be accessible through the OCSF framework.

z/OS Cryptographic Services System SSL Programming

Contains guidance and reference information that an application programmer needs to use the System Secure Sockets Layer (SSL) callable services programming interfaces. SSL is a communications layer that provides data privacy and integrity as well as server and client authentication based on public-key certificates. The callable services programming interfaces provide protected communications over a TCP/IP socket communication path.

z/OS Cryptographic Services PKI Services Guide and Reference

Provides detailed procedures for planning, setting up, and using PKI Services. It also includes messages, log information, and coding samples.

XL C/C++ Compiler

This section describes documents for the XL C/C++ Compiler feature. For related books of the Run-Time Library Extensions element of z/OS, see "Run-Time Library Extensions" on page 27.

z/OS XL C/C++ Language Reference

Provides reference information for the C and C++ programming languages as implemented in the C/C++ compilers.

z/OS C Curses

Describes programming for the screen management orders known as curses.

z/OS XL C/C++ Compiler and Runtime Migration Guide for the Application Programmer

Provides information for programmers who are migrating to the C/C++ compiler and the Language Environment® run-time library. It discusses

migration from the C/370™, AD/Cycle C/370, C/C++ for MVS/ESA, and previous C/C++ compilers; the C/370 libraries; and previous releases of Language Environment.

Standard C++ Library Reference

This document provides a technical reference on the details of the Standard C++ Library.

z/OS XL C/C++ Messages

Describes C/C++ messages and suggests appropriate operator, system programmer, and application programmer responses.

z/OS XL C/C++ Programming Guide

Provides guidance on how to write C/C++ programs for the C/C++ compiler and the C/C++ run-time library component of Language Environment.

z/OS XL C/C++ Runtime Library Reference

Contains information for all C/C++ library functions (except for Curses).

z/OS XL C/C++ User's Guide

Describes the processes of compiling, IPA linking, binding, prelinking and linking, and running both C and C++ programs. This document includes information on compiler options, listings, C/C++ utilities, compiler messages, and program diagnosis.

Distributed File Service

This section describes documents for Distributed File Service (DFS).

z/OS Distributed File Service Messages and Codes

Contains Distributed File Service messages and codes.

z/OS Distributed File Service SMB Administration

Provides guidance and reference information for system and network administrators to use when they work with the Server Message Block (SMB) support of Distributed File Service. SMB is a protocol for remote file and print access used by Windows.

z/OS Distributed File Service zFS Administration

Provides guidance and reference information for system and network administrators to use when they work with the z/OS File System Administration support of Distributed File Service.

DFSMS

This section describes documents for DFSMSdfp, DFSMSdss, DFSMSshm, and DFSMSrmm, and DFSMSStvs.

This book provides an introduction and step-by-step instructions for

implementing the new functions in DFSMS, including functions of DFSMSdfp, DFSMSdss, DFSMShsm, DFSMSrmm, and DFSMStvs.

z/OS DFSMS Access Method Services Commands

Describes IDCAMS commands for using integrated catalog facility catalogs.

z/OS DFSMS Advanced Copy Services

Provides an introduction and instructions for implementing and using the remote copy disaster recovery and workload migration tool.

z/OS DFSMSdfp Checkpoint/Restart

Contains information on establishing checkpoints during a program and restarting a job.

z/OS DFSMS DFM Guide and Reference

Contains information about accessing and creating MVS data sets from remote systems.

z/OS DFSMS Implementing System-Managed Storage

Describes tasks for migrating to system-managed storage and optimizing use of the storage management subsystem.

z/OS DFSMS Installation Exits

Contains instructions on exit routines and modules that extend or replace IBM-supplied functions.

z/OS DFSMS Introduction

Provides an overview of DFSMS.

z/OS DFSMS Macro Instructions for Data Sets

Contains access method macro instructions for processing user data sets.

z/OS DFSMS Managing Catalogs

Describes techniques for managing integrated catalog facility catalogs.

z/OS DFSMSdfp Storage Administration

This book merges information previously contained in the Storage Administration References for DFSMSdfp, dss, and hsm. Contains instructions for initializing and maintaining the storage management subsystem and for performing storage management tasks using ISMF panels.

Describes DFSMSdss tasks for copying, dumping, and restoring data sets and DASD volumes, and diagnosis information, including keyword search strings and other diagnostic tools.

Describes DFSMShsm tasks for managing storage, including examples of storage administrator commands and results of DFSMShsm processing. Also contains information about disaster prevention and the recovery of DFSMShsm data based on real experiences.

z/OS DFSMS Software Support for IBM System Storage TS1140, TS1130, and TS1120 Tape Drives (3592)

This book describes the installation, migration, and operation of the IBM TotalStorage Enterprise Tape System 3592 software support.

z/OS DFSMS Using Data Sets

Describes techniques for processing, protecting, and maintaining user data sets.

z/OS DFSMS Using the Interactive Storage Management Facility

Describes commands and techniques for using ISMF to analyze and manage data resources.

z/OS DFSMS Using Magnetic Tapes

Describes techniques for using magnetic tape volumes.

z/OS DFSMS Using the Volume Mount Analyzer

Contains instructions for analyzing tape mounts with the Volume Mount Analyzer.

DFSMSdfp

z/OS DFSMSdfp Advanced Services

Provides techniques for extending DFSMS/MVS data management capabilities and other system data operations.

z/OS DFSMSdfp Diagnosis

Contains information for diagnosing DFSMSdfp-related errors, and guidance for using DFSMSdfp diagnostic tools and aids to gather failure-related information.

z/OS DFSMS OAM Application Programmer's Reference

Contains information about the OAM application interface used to manipulate objects.

z/OS DFSMS OAM Planning, Installation, and Storage Administration Guide for Object Support

Contains OAM planning, installation, customizing, and storage management information for optical libraries.

z/OS DFSMS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries

Contains OAM planning, installation, customizing, and storage management information for tape libraries.

z/OS DFSMSdfp Utilities

Contains instructions for using DFSMSdfp utility programs for data, program, and device management.

DFSMSdss

z/OS DFSMSdss Storage Administration

Describes DFSMSdss tasks for copying, dumping, and restoring data sets and DASD volumes, and diagnosis information, including keyword search strings and other diagnostic tools.

DFSMSHsm

z/OS DFSMSHsm Diagnosis

Provides diagnosis information for DFSMSHsm, including instructions for building keyword search strings and other diagnostic tools. Contains information about the DFSMSHsm control blocks and data areas used during diagnostic and maintenance procedures.

z/OS DFSMSHsm Implementation and Customization Guide

Provides guidance for creating and maintaining DFSMSHsm-owned data sets, including migration and coexistence considerations.

z/OS DFSMSHsm Managing Your Own Data

Contains DFSMSHsm user macros and user command syntax, conventions, and coding examples.

z/OS DFSMSHsm Storage Administration

Describes DFSMSHsm tasks for managing storage, including examples of storage administrator commands and results of DFSMSHsm processing. Also contains information about disaster prevention and the recovery of DFSMSHsm data based on real experiences.

DFSMSHsm Storage Administration Reference

The information previously contained in this book has been consolidated into *DFSMS Storage Administration Reference*.

DFSMSrmm

z/OS DFSMSrmm Application Programming Interface

Describes how to use the DFSMSrmm Application Programming Interface to obtain information about DFSMSrmm resources.

z/OS DFSMSrmm Diagnosis Guide

Contains information for diagnosing DFSMSrmm-related errors, including how to use DFSMSrmm diagnostic tools.

z/OS DFSMSrmm Managing and Using Removable Media

Provides instructions for using DFSMSrmm to manage removable media.

z/OS DFSMSrmm Implementation and Customization Guide

Contains information about implementing and customizing the functions of DFSMSrmm.

z/OS DFSMSrmm Reporting

This document provides information about creating reports in DFSMSrmm using DFSMSrmm reporting utilities, DFSORT and DFSORT's ICETOOL, DFSMSrmm TSO subcommands, and REXX EXECs.

DFSMSStvs

z/OS DFSMSStvs Administration Guide

Provides reference and guidance information for many of the major tasks that a user might need to perform when using DFSMS Transactional VSAM Services (DFSMSStvs).

This document helps you:

- Understand certain functions such as VSAM RLS, and the manner in which DFSMSStvs relates to these functions and builds upon them
- Learn about the migration tasks that you must complete
- Perform tasks such as customizing, administering, and operating DFSMSStvs, as well as diagnosing problems related to DFSMSStvs

z/OS DFSMSStvs Planning and Operating Guide

Provides system programmers, application programmers, and operators who are responsible for customizing, writing applications for, and operating DFSMSStvs with information about:

- Using DFSMSStvs to share VSAM data for concurrent batch updates
- Installing and operating DFSMSStvs
- Designing and coding applications to use DFSMSStvs
- Diagnosing and recovering from DFSMSStvs problems.

DFSORT

This section describes documents for DFSORT.

z/OS DFSORT Application Programming Guide

This guide gives you the necessary information to use DFSORT to sort, merge, and copy data sets, including how to prepare DFSORT control statements, how to calculate storage requirements, and how to use the program exits. It also contains examples of DFSORT control statements and program exit routines.

z/OS DFSORT: Getting Started

This document is intended to help you get started using DFSORT to sort, merge, and copy data sets. It also contains step-by-step procedures for writing applications.

z/OS DFSORT Installation and Customization

This guide is intended to help you install and customize DFSORT. It is designed to be used with the DFSORT Program Directory, which contains the installation procedures.

z/OS DFSORT Messages, Codes and Diagnosis Guide

This document is intended to help you interpret informational and error messages issued by DFSORT. It contains explanations of and possible responses to these messages. It also contains the return codes and

diagnostic messages issued by DFSORT. It shows you how to describe DFSORT program failures with a set of keywords used by the support center.

z/OS DFSORT Tuning Guide

This guide provides you with information about tuning DFSORT. It offers suggestions for reducing the use of system resources and achieving better turnaround time for applications that use DFSORT.

Graphical Data Display Manager (GDDM)

To find all documents for GDDM® (including PCLK and OS/2 Link) and GDDM-REXX, see Graphical Data Display Manager website (www.ibm.com/software/applications/gddm/library/).

Hardware Configuration Definition

This section describes documents for Hardware Configuration Definition (HCD).

z/OS and z/VM HCD Messages

Describes the messages issued by HCD.

z/OS HCD Planning

Explains the concepts, actions, and general planning considerations needed to define and maintain an I/O configuration using HCD.

HCD Reference Summary

Provides a short overview of HCD tasks, navigation options, and information about online help. It also describes the relations among the configuration objects and lists the actions and action codes for each object.

Contains about 20 scenarios of common hardware configuration tasks.

z/OS HCD User's Guide

Explains how to use HCD to define, activate, modify or view hardware configurations, and query supported hardware. HCD also permits you to maintain and compare IODFs, obtain graphical and textual reports of configurations, and migrate existing configuration data.

Hardware Configuration Manager

This section describes the document for Hardware Configuration Manager (HCM).

z/OS and z/VM HCM User's Guide

Explains how to install and use HCM to create, manage and maintain hardware configuration information.

High Level Assembler

This section describes documents for High Level Assembler and the High Level Assembler Toolkit feature.

HLASM General Information

Provides an overview of High Level Assembler.

HLASM Installation and Customization Guide

Contains installation, customization, diagnosis, and maintenance information for High Level Assembler.

HLASM Language Reference

Contains language reference information to help users code High Level Assembler language programs.

HLASM Programmer's Guide

Contains High Level Assembler product usage information.

High Level Assembler Toolkit

HLASM Toolkit Feature Debug Reference Summary

Provides a reference summary to help users debug assembler language applications.

HLASM Toolkit Feature Installation and Customization Guide

Contains information for installing and maintaining the High Level Assembler Toolkit Feature.

HLASM Toolkit Feature Interactive Debug Facility User's Guide

Contains both reference and guidance information for using the High Level Assembler Toolkit Feature Interactive Debug Facility.

HLASM Toolkit Feature User's Guide

Contains information for using all components of the High Level Assembler Toolkit Feature (other than the Interactive Debug Facility).

IBM HTTP Server

This section describes documents for IBM HTTP Server.

This document explains how to plan for, install, configure, and use the IBM HTTP Server.

IBM Encryption Facility

This section describes documents for the z/OS related feature, Encryption Facility.

Encryption Facility for z/OS: Planning and Customizing

This document explains how to plan for the Encryption Facility product, including Encryption Services, Encryption Facility for z/OS Client, Encryption Facility for OpenPGP, and DFSMSdss Encryption. It also provides detailed information for the Encryption Services CSDFILEN and CSDFILDE batch programs.

Encryption Facility for z/OS: Using Encryption Facility for OpenPGP

This document explains how to use Encryption Facility for OpenPGP, which is part of the product feature, IBM® Encryption Services included in

IBM Encryption Facility for z/OS. It is intended for anyone who plans, installs, customizes, administers, and uses Encryption Facility for OpenPGP.

IBM Encryption Facility for z/OS: User's Guide

This document explains how to plan for the Encryption Facility product, including Encryption Services, Encryption Facility for z/OS Client, Encryption Facility for OpenPGP, and DFSMSdss Encryption. It also provides detailed information for the Encryption Services CSDFILEN and CSDFILDE batch programs.

ICKDSF

This section describes the document for ICKDSF.

Device Support Facilities (ICKDSF) User's Guide and Reference

Includes information about how to perform service functions, error detection, and media maintenance for IBM DASD. It also includes a summary of ICKDSF commands that support error detection and media maintenance on IBM DASD.

Infoprint Server

This section describes documents for Infoprint Server and Infoprint Server Transforms. Major components of Infoprint Server are IP PrintWay, NetSpool, Print Interface, and Infoprint Central.

This section describes documents for Infoprint Server and Infoprint Server Transforms. Major components of Infoprint Server are IP PrintWay, NetSpool, Print Interface, and Infoprint Central.

z/OS Infoprint Server Printer Inventory for PSF

Describes the Infoprint Server Printer Inventory for Print Services Facility (PSF), which lets PSF for z/OS customers who do not purchase Infoprint Server define PSF functional subsystems in the Printer Inventory. It describes how to customize Infoprint Server, start and stop Infoprint Server, administer the Printer Inventory for PSF, and diagnose problems in Infoprint Server. Note: PSF customers who purchase Infoprint Server should use the other books in the Infoprint Server library.

z/OS Infoprint Server Introduction

Provides an overview of Infoprint Server for executives and technical personnel.

z/OS Infoprint Server Customization

Describes for the system administrator how to customize Infoprint Server. It describes required environment variables, configuration files, how to write IP PrintWay and NetSpool exit routines, Print Interface filter programs, and the Print Interface API.

z/OS Infoprint Server Messages and Diagnosis

Contains messages and abend codes issued by Infoprint Servers. It also describes how to diagnose problems in Infoprint Server.

z/OS Infoprint Server Operation and Administration

Describes for the operator and system administrator how to start and stop Infoprint Server, how to use Infoprint Central, and how to set up and maintain the Infoprint Server Printer Inventory, which contains all printer information required by Infoprint Server and its components.

Infoprint Transforms to AFP for z/OS

This book describes Infoprint Transforms to AFP V2.1 for z/OS (5655-N60). It describes the transforms and how to customize them, submit transform jobs, and diagnose errors. Also, it describes how to migrate from Infoprint Server Transforms V1.1.

Infoprint Transforms from AFP for z/OS

This book describes V2.1 of these products:

- Infoprint Transform for AFP to HP PCL for z/OS (5655-P19)
- Infoprint Transform for AFP to Adobe PDF for z/OS (5655-P20)
- Infoprint Transform for AFP to Adobe PostScript for z/OS (5655-P21)

It describes the transforms and how to customize them, submit transform jobs, and diagnose errors. Also, it describes how to migrate from Infoprint Server Transforms V1.1.

Integrated Security Services

This section describes documents for the Integrated Security Services, including Enterprise Identity Mapping, Network Authentication Service, and Open Cryptographic Services Facility.

Integrated Security Services Enterprise Identity Mapping (EIM) Guide and Reference

This document contains information about using Enterprise Identity Mapping (EIM). EIM is an architecture that serves as a security technology to make it easier to manage users in a cross-platform environment.

z/OS Integrated Security Services Network Authentication Service Administration

Provides an introduction to the implementation of Kerberos Version 5 from MIT, as well as configuration and administration information, including the few administration commands needed. It also includes status codes and messages.

z/OS Integrated Security Services Network Authentication Service Programming

Contains all of the application programming interfaces (APIs): Kerberos, GSS-API, and GSS-API with Kerberos mechanism, for the implementation of Kerberos Version 5 from MIT.

Integrated Security Services Open Cryptographic Enhanced Plug-ins Application Programming

Describes the OCEP service provider modules and how they are intended to be used with the framework provided by the Open Cryptographic Services Facility (OCSF). It also describes how these service provider modules enable daemon applications to use RACF® to provide security functions relating to digital certificates.

ISPF

This section describes documents for ISPF.

z/OS ISPF Dialog Developer's Guide and Reference

Describes how to use the ISPF Dialog Manager component. Explains how to create ISPF panels using Dialog Tag Language (DTL), control ISPF sessions, use ISPF facilities and services, and define ISPF panel messages and file tailoring skeletons.

z/OS ISPF Dialog Tag Language Guide and Reference

Explains how to use the Dialog Tag Language (DTL) to design and create ISPF dialogs containing elements such as application panels, help panels, variables, fields, messages, command tables and key lists. It also includes an alphabetical reference guide to DTL tags.

z/OS ISPF Edit and Edit Macros

Explains how to use the ISPF editor and how to use, write and test edit macros. Includes an alphabetical reference guide to edit line, primary, and macro commands available for ISPF.

z/OS ISPF Messages and Codes

Provides information for ISPF users about error messages and codes issued by ISPF, PDF, and SCLM.

z/OS ISPF Planning and Customizing

Provides planning information and procedures.

z/OS ISPF Reference Summary

Provides a quick reference for application developers and library administrators to ISPF services and variables, edit macro commands, SCLM services and macros, and DTL tags.

z/OS ISPF Services Guide

Describes how to use ISPF Dialog Management services and PDF Services to develop dialogs, including information about each service such as syntax, return codes, and examples.

z/OS ISPF Software Configuration and Library Manager Guide and Reference

Describes how to set up and maintain an SCLM project environment, and how programmers can use SCLM functions to control development projects.

z/OS ISPF User's Guide Vol I

Describes the ISPF user interface and introduces ISPF concepts and functions including commands, libraries, and data sets.

z/OS ISPF User's Guide Vol II

Provides detailed reference and usage information about using ISPF options 0 to 10 and the SuperC and Search-For data set utilities.

JES

This section describes documents that are shared between JES2 and JES3.

z/OS JES3 Commands

This document describes the application programming of JES2 and JES3. This document provides the information that you need to:

- Use the Spool Data Set Browse.
- Use the Server/Client Print Interface.
- Use the Internal Reader.
- Use the IBM-supplied External Writer.

JES2

This section describes documents for JES2.

z/OS JES2 Commands

Provides the system console operator and system programmer with the information required to control JES2. The document presents task-oriented material required to use JES2 commands to perform various tasks and a reference section that presents all JES2 commands in alphabetic order.

z/OS JES2 Diagnosis

Describes the use of JES2 diagnostic aids and tools and how to interpret the output of those aids and tools. The document helps the system programmer to identify a problem, collect information about the problem, report the problem to IBM, and fix the problem.

z/OS JES2 Initialization and Tuning Guide

Describes the general functions of JES2 and provides information about JES2 initialization, JES2 processing, network job entry (NJE), remote job entry (RJE), and factors affecting performance.

Its companion document, *z/OS JES2 Initialization and Tuning Reference* describes the JES2 initialization statements in detail.

z/OS JES2 Initialization and Tuning Reference

Describes the JES2 initialization statements and their parameters and provides summary or overview charts of the statements.

z/OS JES2 Installation Exits

Provides system programming information about the use of IBM-defined and installation-defined JES2 exit routines. It describes how to establish JES2 exit routines to tailor JES2 without source code modification.

z/OS JES2 Introduction

Provides a high-level overview of JES2, its functions, and its relationship to other MVS components. It also provides an overview of JES2 initialization, operation, and customization and diagnostic techniques.

z/OS JES2 Macros

Provides information about the use and syntax of JES2 executable macro instructions.

z/OS JES2 Messages

Describes JES2 messages and suggests appropriate operator, system programmer, and application programmer responses.

JES3

This section describes documents for JES3.

z/OS JES3 Commands

Describes the commands used to operate JES3 and provides system operators and system programmers with the information required to control JES3. This document contains task-oriented material required to use JES3 commands to perform various tasks and a reference section in which all JES3 commands are presented in alphabetic order.

z/OS JES3 Customization

Provides information on customizing JES3 through the use of dynamic support programs (DSPs) and installation exits. The document explains how to write a DSP and an installation exit routine and describes the JES3 macros available.

z/OS JES3 Diagnosis

Provides information on tools for diagnosing JES3 and user-written extensions of JES3.

z/OS JES3 Diagnosis Reference

Contains interactive problem control system (IPCS) information pertinent to JES3, control block chaining, module tables, and mapping macro tables.

z/OS JES3 Initialization and Tuning Guide

Provides guidance information required to install, initialize, customize, and tune JES3.

z/OS JES3 Initialization and Tuning Reference

Provides reference information required to install, initialize, customize, and tune JES3.

z/OS JES3 Introduction

Provides overview information about JES3 including the various processor and device combinations under which JES3 operates. This document also describes JES3 features of interest to an operator, an application programmer, and a system programmer.

z/OS JES3 Messages

Describes JES3 messages and suggests appropriate operator, system programmer, and application programmer responses.

Metal C Runtime Library

This section describes the document that supports Metal C Runtime Library.

z/OS Metal C Programming Guide and Reference

Provides instructions for users of the z/OS or z/OS.e C/C++ compiler who are using the Metal C compiler option. It contains an introduction, descriptions of C functions and header files, an appendix on stack requirements, It also contains advanced guidelines and information for developing C and C++ programs to run on the z/OS or z/OS.e operating systems.

MVS

This section describes documents for MVS, which is sometimes also called the Base Control Program (BCP).

z/OS Batch Runtime Planning and User's Guide

Describes COBOL and Java interoperability and explains how your installation can: Convert existing COBOL applications to Java Enhance COBOL code with Java methods Share access to DB2.

Capacity Provisioning

Describes capacity planning on z/OS.

z/OS MVS Device Validation Support

Describes the requirements for I/O devices that are not supported.

z/OS MVS Diagnosis: Reference

Provides system reference material needed for diagnosing system problems. It describes the problem data that is available in dumps and traces and also explains how to request and format that data.

z/OS MVS Diagnosis: Tools and Service Aids

Describes how to use IBM tools (such as dumps and traces) and service aid programs (LIST and SPZAP) to diagnose and fix problems in system and application programs.

z/OS MVS Dump Output Messages

Provides a single dump message reference for the interactive problem control system (IPCS), the MVS components that provide IPCS formatters, and TSO/E.

z/OS MVS Initialization and Tuning Guide

Contains information about tasks related to MVS initialization, with a major focus on the use of SYS1.PARMLIB to manage system resources. Its companion document, *z/OS MVS Initialization and Tuning Reference*, describes the members of SYS1.PARMLIB in detail.

z/OS MVS Initialization and Tuning Reference

Describes the function, use, and format of each member of SYS1.PARMLIB. It contains reference information related to many MVS components and to other products.

z/OS MVS Installation Exits

Describes the installation exits available for modifying the MVS element of

z/OS MVS IPCS Commands

Provides reference information about the IPCS commands, subcommands, and dialog commands. The document describes how to use IPCS and gives examples of subcommand syntax and output generated by the subcommands.

z/OS MVS IPCS Customization

Provides IPCS programming requirements and explains how to customize access to IPCS and the IPCS dialog. The programmer can use this document when writing IPCS exit routines, using IPCS-shipped CLISTS, and setting IPCS defaults.

z/OS MVS IPCS User's Guide

Explains how to access IPCS, presents the IPCS full-screen dialog, and provides information about the IPCS subcommands.

z/OS MVS JCL Reference

Describes how to code JCL, JES2, and JES3 control statements needed to perform the job control tasks presented in *z/OS MVS JCL User's Guide*.

z/OS MVS JCL User's Guide

Describes the job control tasks needed to submit jobs into the operating system, control the system's processing of jobs, and request the resources needed to run jobs. Its companion document, *z/OS MVS JCL Reference*, provides JCL coding information.

z/OS MVS Planning: APPC/MVS Management

Presents an overall picture of APPC/MVS as it relates to the rest of MVS, Systems Application Architecture[®], and APPC, to help integrate APPC/MVS into existing configurations.

z/OS MVS Planning: Global Resource Serialization

Describes how to plan, install, operate, and tune a global resource serialization complex.

z/OS MVS Planning: Operations

Provides the information that a system programmer needs to understand how to plan MVS operations. Its primary focus is on how to plan an MVS console configuration.

z/OS MVS Planning: Workload Management

Describes workload management concepts and interfaces. It includes the steps required for using workload management and the benefits of using it.

z/OS MVS Product Management

Explains two usage pricing methods: S/390® Usage Pricing and Measured Usage License Charges. Also explains S/390 dynamic enablement externals for a product administrator. The document describes the data analysis utility covering both data collecting and reporting. It also describes how to change the enablement policy and provides information about the enablement report.

z/OS MVS Program Management: Advanced Facilities

Describes the programming interfaces provided by the program management component of . It describes the Binder Application Programming Interface, macros, user exits, and buffer formats.

z/OS MVS Program Management: User's Guide and Reference

Describes the end user interfaces provided by the program management component of . It contains an overview of the components, describes how to create executable programs from source modules, use the program management binder (starting, defining input, editing data, options, control statements), the linkage editor, and the batch loader.

z/OS MVS Programming: Assembler Services Guide

Describes how to use MVS services for unauthorized assembler language programs. This document also contains guidelines and suggested coding practices for coding in 31-bit addressing mode and for modifying programs that use 24-bit addressing mode to use 31-bit addressing mode. If you are relatively new to assembler language programming for MVS, this document is a good place to start.

Its companion documents, *z/OS MVS Programming: Assembler Services Reference ABE-HSP* and *z/OS MVS Programming: Assembler Services Reference IAR-XCT*, describe coding the macros that invoke these MVS services.

MVS Programming: Assembler Services Reference, Volumes 1–2

z/OS MVS Programming: Assembler Services Reference ABE-HSP

z/OS MVS Programming: Assembler Services Reference IAR-XCT

These volumes describe how to code the macros and callable services that invoke the services of MVS. These macros and callable services are available to all assembler language programs.

z/OS MVS Programming: Authorized Assembler Services Guide

Describes how to use MVS services for authorized assembler language programs. Its companion documents, *MVS Programming: Authorized Assembler Services Reference, Volumes 1–4*, describe coding the macros that invoke these services.

MVS Programming: Authorized Assembler Services Reference, Volumes 1–4

z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN

z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG
z/OS MVS Programming: Authorized Assembler Services Reference LLA-SDU
z/OS MVS Programming: Authorized Assembler Services Reference SET-WTO

Describe how to code the macros and callable services that are available only to authorized assembler language programs.

z/OS MVS Programming: Callable Services for High-Level Languages

Describes the callable services available to the programmer coding in a high-level language such as COBOL, FORTRAN, C, Pascal, and PL/1. These services are also available to assembler language programmers.

z/OS MVS Programming: Extended Addressability Guide

Describes how to use cross memory services and extended addressability techniques, such as data spaces and hiperspaces to extend the virtual storage available to programs.

z/OS MVS Programming: JES Common Coupling Services

SA22-7615

Provides MVS and JES system programmers with both guidance and reference information on how to use the JES common coupling services assembler macros and installation exits to affect JES communication processing in a sysplex environment.

z/OS MVS Programming: Product Registration

Provides guidance and reference information for the registration callable services, which are used to register an element or prepare an optional feature for dynamic enablement.

z/OS MVS Programming: Resource Recovery

Describes how to use recoverable resource management services (RRMS) in a resource manager that provides access to protected resources. Resource recovery services (), a system component, is the sync-point manager. While this document is primarily for experienced programmers, it also describes managing at an installation, including information about using system logger with and running .

z/OS MVS Programming: Sysplex Services Guide

Describes how to use the sysplex services available to assembler language programs that participate in a sysplex, communicate with other members of a sysplex, benefit from automatic restarts, and share data using the .

z/OS MVS Programming: Sysplex Services Reference

Describes how to code sysplex services for assembler language programs that participate in a sysplex, communicate with other members of a sysplex, benefit from automatic restarts, and share data using the .

z/OS MVS Programming: Workload Management Services

Describes the services intended for use by subsystem work managers and performance monitoring products.

z/OS MVS Programming: Writing Servers for APPC/MVS

Provides the information that an application developer needs to write servers for use in an APPC/MVS environment.

z/OS MVS Programming: Writing Transaction Programs for APPC/MVS

Provides the information that an application programmer needs to write APPC transaction programs for use on MVS.

z/OS MVS Programming: Writing Transaction Schedulers for APPC/MVS

Provides the information that an application programmer or system programmer needs to write transaction schedulers other than the one provided by APPC/MVS.

z/OS MVS Setting Up a Sysplex

Provides the information that a system programmer needs to plan, install, and tune MVS systems in a sysplex. It includes information about the policies available for managing a sysplex as well as information about the .

z/OS Unicode Services User's Guide and Reference

This manual provides information for setting up and using the Support for the Unicode product. The manual also includes a complete list of the IBM-supplied conversion tables.

z/OS MVS System Codes

Describes system completion and wait state codes.

z/OS MVS System Commands

Describes the system commands available to control an MVS system.

z/OS MVS System Management Facilities (SMF)

Provides information for system programmers who implement policies and procedures to account for data processing costs. This task includes deciding how to apportion data processing costs to data processing users and using SMF record data to obtain the required information about the use of system resources.

MVS System Messages, Volumes 1–10

z/OS MVS System Messages, Vol 1 (ABA-AOM)

z/OS MVS System Messages, Vol 2 (ARC-ASA)

z/OS MVS System Messages, Vol 3 (ASB-BPX)

z/OS MVS System Messages, Vol 4 (CBD-DMO)

z/OS MVS System Messages, Vol 5 (EDG-GFS)

z/OS MVS System Messages, Vol 6 (GOS-IEA)

z/OS MVS System Messages, Vol 7 (IEB-IEE)

z/OS MVS System Messages, Vol 8 (IEF-IGD)

z/OS MVS System Messages, Vol 9 (IGF-IWM)

z/OS MVS System Messages, Vol 10 (IXC-IZP)

Describe the messages issued by MVS and other elements, and suggests appropriate operator, system programmer, and application programmer responses.

z/OS MVS Using the Functional Subsystem Interface

Describes the functional subsystem interface (FSI) and shows how a functional subsystem (FSS) and a job entry subsystem (JES) communicate using the FSI.

z/OS MVS Using the Subsystem Interface

Provides information needed both to write a subsystem and to invoke subsystem services. This document describes the subsystem interface (SSI) and provides detailed, uniform descriptions of the subsystem interface function codes and examples that help users understand them.

Network File System

This section describes documents for Network File System.

z/OS Network File System Guide and Reference

This book is a combination of three earlier z/OS NFS books. It describes techniques for:

- accessing and creating MVS data sets from a client environment using the NFS protocol
- customizing and operating the z/OS Network File System server
- diagnosing and tuning NFS on z/OS.

Open Systems Adapter Support Facility

This section describes documents for the Open Systems Adapter Support Facility.

zEnterprise System and System z10 OSA-Express Customer's Guide and Reference

Describes how to define and use the Open Systems Adapter-Express feature and the Open Systems Adapter Support Facility (OSA/SF) for zSeries processors. An OSA-Express is an integrated zSeries hardware feature that combines the functions of an I/O channel with the functions of a network port to provide direct connectivity between eServer applications and their clients on the attached network.

z900: OSA-2 Planning Guide

Describes how to install and use the Open Systems Adapter-2 feature and the Open Systems Adapter Support Facility (OSA/SF).

OSA-ICC User's Guide

Describes how to use the Open Systems Adapter Integrated Controller.

Resource Measurement Facility (RMF)

This section describes documents for Resource Measurement Facility.

z/OS RMF Messages and Codes

Explains messages.

Provides most current information about RMF™ and RMF-related tools.
Describes how to optimize performance management.

z/OS RMF Programmer's Guide

Describes Resource Measurement Facility programming interfaces.

z/OS RMF Reference Summary

Describes all Resource Measurement Facility commands and options.

z/OS RMF Report Analysis

Describes the content of all Resource Measurement Facility reports.

z/OS RMF User's Guide

Describes all relevant tasks belonging to performance management.

REXX Alternate Library

This section describes the documents for REXX Alternate Library.

IBM Compiler and Library for REXX on System z: User's Guide and Reference

Describes how to compile and run programs written in the Restructured EXTended eXecutor (REXX) language. It describes how to use the:

- IBM Compiler for REXX on zSeries (referred to as the Compiler)
- IBM Library for REXX on zSeries (referred to as the Library)

IBM Compiler and Library for REXX on System z: Diagnosis Guide

Provides information to help system programmers and IBM service personnel to diagnose problems encountered when using the:

- IBM Compiler for REXX on zSeries (referred to as the Compiler)
- IBM Library for REXX on zSeries (referred to as the Library)

Run-Time Library Extensions

This section describes documents for the C/C++ Compiler feature. For related books of the z/OS C/C++ Compiler features, see “XL C/C++ Compiler” on page 8.

z/OS Common Debug Architecture User's Guide

Common Debug Architecture User's Guide introduces the user to Common Debug Architecture (CDA). It first provides a high-level overview of CDA. The document then illustrates how to use the CDA libraries and utilities, through explanations and examples. Finally, it shows an example implementation, using the utilities that are shipped with CDA.

z/OS Common Debug Architecture Library Reference

Common Debug Architecture Library Reference is the reference for the Common Debug Architecture (CDA) library, libddpi. It provides a brief overview of CDA, but the majority of the document is a detailed

description of every API and type. CDA is written in the C programming language. CDA is based on ELF application binary interfaces (ABIs) and the DWARF format.

DWARF/ELF Extensions Library Reference

DWARF/ELF Extensions Library Reference is intended for programmers who will be developing program-analysis applications and debugging applications for the IBM C/C++ compiler on the z/OS operating system. These applications will create or query information from ELF objects and DWARF debugging information on the z/OS operating system.

SDSF

This section describes the document for SDSF.

z/OS SDSF Operation and Customization

Describes ISFPARMS, security, operation of the SDSF server, and problem determination, including messages and codes.

Security Server

This section describes documents for the Security Server (RACF).

z/OS Security Server RACROUTE Macro Reference

Describes the RACF system macros and explains how to code the interfaces.

z/OS Security Server RACF Auditor's Guide

Describes auditing considerations as well as how to use the SMF data unload facility, the RACF report writer, and the data security monitor.

z/OS Security Server RACF Callable Services

Describes the RACF callable services and explains how to code the interfaces.

z/OS Security Server RACF Command Language Reference

Contains the functions and syntax of all the RACF commands.

z/OS Security Server RACF Data Areas

Contains descriptions of the data areas used by RACF.

z/OS Security Server RACF Diagnosis Guide

Explains how to diagnose problems in RACF.

z/OS Security Server RACF Macros and Interfaces

Describes each product macro and its syntax and explains how to code the interfaces.

z/OS Security Server RACF Messages and Codes

Contains the RACF messages, routing and descriptor codes, RACF manager return codes, and RACF-related system completion codes.

z/OS Security Server RACF Security Administrator's Guide

Explains RACF concepts and describes how to plan for and implement RACF.

z/OS Security Server RACF System Programmer's Guide

Describes how to modify and maintain RACF.

z/OS Security Server RACF General User's Guide

Explains how general users can perform basic security tasks with RACF, such as protecting data sets and general resources.

SMP/E

This section describes documents for SMP/E.

SMP/E for z/OS Commands

Contains detailed information about the syntax and processing of SMP/E commands and associated reports.

SMP/E for z/OS Messages, Codes, and Diagnosis

Explains how to handle and diagnose suspected SMP/E problems. Lists the messages issued by SMP/E, explains why they may be issued, and tells how to respond to them. It also lists the return codes that may be issued for each SMP/E command, explains what they mean and how to respond to them, and provides error recovery procedures for each command.

SMP/E for z/OS Reference

Contains detailed information about the syntax and processing of SMP/E MCS statements. Also describes the data sets required by SMP/E commands, explains the contents of the entries used by SMP/E to manage the system, and explains the output produced by SMP/E. It explains how to use the SMP/E user exit routines and service routines, provides information on how to tailor SMP/E processing, and documents the intended programming interfaces.

SMP/E for z/OS User's Guide

Describes how to use SMP/E. It contains an overview of SMP/E and the data sets it uses, describes how to install software, and explains how to use SMP/E to manage the system.

IBM z/OS Management Facility

This section describes the document for IBM z/OS Management Facility.

z/OS Management Facility Configuration Guide

This document provides information for anyone who needs to set up and use z/OSMF or diagnose problems with this product. This document assumes that you are familiar with the z/OS operating system and its associated products.

IBM WebSphere Application Server OEM Edition for z/OS Configuration Guide

This document is intended for users of the IBM WebSphere Application Server OEM Edition for z/OS product. It should be used in conjunction

with the documentation provided with the z/OS system application that you will be deploying on a IBM WebSphere Application Server OEM Edition for z/OS server instance.

Program Directory for IBM z/OS Management Facility

This program directory is intended for system programmers who are responsible for program installation and maintenance. It contains information about the material and procedures associated with the installation of IBM® z/OS® Management Facility. This publication refers to IBM z/OS Management Facility as z/OS Management Facility.

IBM z/OS Management Facility Messages

For each z/OSMF message, this document provides a detailed explanation of each message; describes the reason codes (if any) listed in each message; and, suggests actions you can implement to resolve the issue. The messages are organized by message ID.

UNIX System Services

This section describes documents for

- UNIX System Services Shells, Utilities, and Debugger
- UNIX System Services Parallel Environment
- UNIX System Services Connection Manager
- UNIX System Services Process Manager

z/OS UNIX System Services Command Reference

Provides information that is needed to use a system with the shell and utilities feature as well as TSO/E commands for using UNIX.

Provides information about the installation, programming interfaces, and problem determination tools available for the Connection Manager and Process Manager components of UNIX System Services.

z/OS UNIX System Services File System Interface Reference

Provides details for coding to the UNIX System Services file system interface.

z/OS UNIX System Services Messages and Codes

Explains the messages, return, and reason codes that occur in the UNIX shells or debugger.

Lists the subroutines a programmer can use when writing parallel applications, along with the associated parameters and syntax.

Provides information for end users and application developers on how to compile, run, and analyze parallel programs

z/OS UNIX System Services Planning

Contains information needed to plan for the use of UNIX System Services in a environment.

z/OS UNIX System Services Programming: Assembler Callable Services Reference

Describes UNIX callable services.

z/OS UNIX System Services Programming Tools

Describes advanced application programming tools, such as make and dbx.

z/OS UNIX System Services User's Guide

Describes how to use the UNIX shells and file system.

z/OS Using REXX and z/OS UNIX System Services

Describes how to use the REXX programming language to access UNIX System Services.

Chapter 4. z/OS V2R1 titles and order numbers

The information in the section contains the titles and order numbers for all z/OS V2R1 and V1R13 base elements and feature publications. Most z/OS documents are available in PDF format and the z/OS information center. All formats are available from the z/OS Internet Library at z/OS Internet Library (<http://www.ibm.com/systems/z/os/zos/bkserv/>).

All z/OS V2R1 base elements and feature publications have new order numbers that use the *-00* suffix.

Each time a document is refreshed, the suffix (dash) level of the document is increased. For example, a document that has *-00* for z/OS V2R1 might use *-01* the next time it is published.

If you are reading a document in PDF format or on the Internet, you can open a highlighted document link by placing the cursor under the highlighted area and pressing Enter.

z/OS Version 2 Release 1 (V2R1) contains the following base elements:

z/OS V2R1 base elements

Table 1 contains the z/OS V2R1 PDF name and order numbers for V2R1 and V1R13.

Table 1. z/OS Base element publications

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS System Level			
z/OS Font Collection	e0z1x100.pdf	GA32-1048-00	New for z/OS V2R1
z/OS V2R1 Information Roadmap	e0z3c100.pdf	SA23-2299-00	SA22-7500-14
z/OS V2R1 Introduction and Release Guide	e0z3a100.pdf	GA32-0887-00	GA22-7502-22
z/OS V2R1 Licensed Program Specifications	e0z3f100.pdf	GA32-0888-00	GA22-7503-17
z/OS V2R1 Migration	e0z3m100.pdf	GA32-0889-00	GA22-7499-21
z/OS V2R1 Planning for Installation	e0z3b100.pdf	GA32-0890-00	GA22-7504-28
z/OS V2R1 Summary of Message and Interface Changes	e0z3h300.pdf	SA23-2300-00	SA22-7505-20
z/OS V2R1 IBM Health Checker for z/OS: User's Guide	e0z3l100.pdf	SC23-6843-00	SA22-7994-13

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS V2R1 Problem Management	e0z2k100.pdf	SC23-6844-00	G325-2564-09
z/OS V2R1 Program Directory	iea3p100.pdf	GI11-9848-00	GI10-0670-13
ServerPac: Using the Installation Dialog	gim1a200.pdf	SA23-2278-00	SA22-7815-19
z/OS V2R1 Planning for Sub-Capacity Pricing	e0z3i100.pdf	SA23-2301-00	SA22-7999-07
z/OS V1R13 Planning for Multilevel Security and the Common Criteria	e0z2e180	GA22-7509-13	GA22-7509-13
z/OS Hot Topics Newsletter (See the z/OS Hot Topics website:)	e0z3n100.pdf	GA32-0892-00	GA22-7501-22
Alternate Library for REXX			
IBM Compiler and Library for REXX on System z®: User's Guide and Reference	h1981606	SH19-8160-06	SH19-8160-05
IBM Compiler and Library for REXX on System z: Diagnosis Guide	h1981793	SH19-8179-03	SH19-8179-02
MVS (BCP)			
z/OS Batch Runtime Planning and User's Guide	iea3n500.pdf	SA23-1376-00	SA23-2270-01
z/OS MVS Capacity Provisioning User's Guide	iea3u100.pdf	SC34-2661-00	SC33-8299-06
z/OS MVS Data Areas, Volume 1	iea3d100.pdf	GA32-0935-00	GA32-0853-04
z/OS MVS Data Areas, Volume 2	iea3d200.pdf	GA32-0936-00	GA32-0854-04
z/OS MVS Data Areas, Volume 3	iea3d300.pdf	GA32-0937-00	GA32-0855-04
z/OS MVS Data Areas, Volume 4	iea3d400.pdf	GA32-0938-00	GA32-0856-04
z/OS MVS Data Areas, Volume 5	iea3d500.pdf	GA32-0939-00	GA32-0857-04
z/OS MVS Data Areas, Volume 6	iea3d600.pdf	GA32-0940-00	GA32-0858-04

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS MVS Device Validation Support	iea3g600.pdf	SA38-0697-00	SA22-7586-01
z/OS MVS Diagnosis: Reference	iea3v200.pdf	GA32-0904-00	GA22-7588-17
z/OS MVS Diagnosis: Tools and Service Aids	iea3v100.pdf	GA32-0905-00	GA22-7589-19
z/OS MVS Dump Output Messages	iea3h600.pdf	SA23-1378-00	SA22-7590-09
z/OS MVS Initialization and Tuning Guide	iea3e100.pdf	SA23-1379-00	SA22-7591-10
z/OS MVS Initialization and Tuning Reference	iea3e200.pdf	SA23-1380-00	SA22-7592-25
z/OS MVS Installation Exits	iea3e400.pdf	SA23-1381-00	SA22-7593-17
z/OS MVS Interactive Problem Control System (IPCS) Commands	iea3c500.pdf	SA23-1382-00	SA22-7594-13
z/OS MVS Interactive Problem Control System (IPCS) Customization	iea3c700.pdf	SA23-1383-00	SA22-7595-08
z/OS MVS Interactive Problem Control System (IPCS) User's Guide	iea3c600.pdf	SA23-1384-00	SA22-7596-08
z/OS MVS JCL Reference	iea3b600.pdf	SA23-1385-00	SA22-7597-16
z/OS MVS JCL User's Guide	iea3b500.pdf	SA23-1386-00	SA22-7598-07
z/OS MVS Planning: APPC/MVS Management	iea3c400.pdf	SA23-1388-00	SA22-7599-06
z/OS MVS Planning: Global Resource Serialization	iea3g400.pdf	SA23-1389-00	SA22-7600-12
z/OS MVS Planning: Operations	iea3g300.pdf	SA23-1390-00	SA22-7601-14
z/OS MVS Planning: Workload Management	iea3w100.pdf	SC34-2662-00	SA22-7602-20
z/OS MVS Product Management	iea3r100.pdf	SA23-1391-00	SA22-7603-06
z/OS MVS Program Management: Advanced Facilities	iea3b200.pdf	SA23-1392-00	SA22-7644-14

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS MVS Program Management: User's Guide and Reference	iea3b100.pdf	SA23-1393-00	SA22-7643-11
z/OS MVS Programming: Assembler Services Guide	iea3a600.pdf	SA23-1368-00	SA22-7605-15
z/OS MVS Programming: Assembler Services Reference, Volume 1 (ABE-HSP)	iea3a700.pdf	SA23-1369-00	SA22-7606-13
z/OS MVS Programming: Assembler Services Reference, Volume 2 (IARCP64-XCTLX)	iea3a900.pdf	SA23-1370-00	SA22-7607-18
z/OS MVS Programming: Authorized Assembler Services Guide	iea3a800.pdf	SA23-1371-00	SA22-7608-17
z/OS MVS Programming: Authorized Assembler Services Reference, Volume 1 (ALESERV-DYNALLO)	iea3a100.pdf	SA23-1372-00	SA22-7609-13
z/OS MVS Programming: Authorized Assembler Services Reference, Volume 2 (EDTINFO-IXGWRITE)	iea3a200.pdf	SA23-1373-00	SA22-7610-21
z/OS MVS Programming: Authorized Assembler Services Reference, Volume 3 (LLACOPY-SDUMPX)	iea3a300.pdf	SA23-1374-00	SA22-7611-13
z/OS MVS Programming: Authorized Assembler Services Reference, Volume 4 (SETFRR-WTOR)	iea3a400.pdf	SA23-1375-00	SA22-7612-14

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS MVS Programming: Callable Services for High-Level Languages	iea3c100.pdf	SA23-1377-00	SA22-7613-10
z/OS MVS Programming: Extended Addressability Guide	iea3a500.pdf	SA23-1394-00	SA22-7614-08
z/OS MVS Programming: JES Common Coupling Services	iea3i800.pdf	SA23-1387-00	SA22-7615-01
z/OS MVS Programming: Product Registration	iea3q200.pdf	SA38-0698-00	SA22-7604-01
z/OS MVS Programming: Resource Recovery	iea3n100.pdf	SA23-1395-00	SA22-7616-11
z/OS MVS Programming: Sysplex Services Guide	iea3i600.pdf	SA23-1400-00	SA22-7617-17
z/OS MVS Programming: Sysplex Services Reference	iea3i700.pdf	SA38-0658-00	SA22-7618-17
z/OS MVS Programming: Workload Management Services	iea3w200.pdf	SC34-2663-00	SA22-7619-21
z/OS MVS Programming: Writing Transaction Programs for APPC/MVS	iea3c300.pdf	SA23-1397-00	SA22-7621-03
z/OS MVS Programming: Writing Transaction Schedulers for APPC/MVS	iea3c800.pdf	SA23-1398-00	SA22-7622-00
z/OS MVS Programming: Writing Servers for APPC/MVS	iea3k500.pdf	SA23-1396-00	SA22-7620-00
z/OS MVS Setting Up a Sysplex	iea3f100.pdf	SA23-1399-00	SA22-7625-22
z/OS MVS System Codes	iea3h700.pdf	SA38-0665-00	SA22-7626-25
z/OS MVS System Commands	iea3g100.pdf	SA38-0666-00	SA22-7627-28

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS MVS System Management Facilities (SMF)	iea3g200.pdf	SA38-0667-00	SA22-7630-26
z/OS MVS System Messages, Volume 1 (ABA-AOM)	iea3m100.pdf	SA38-0668-00	SA22-7631-24
z/OS MVS System Messages, Volume 2 (ARC-ASA)	iea3m200.pdf	SA38-0669-00	SA22-7632-21
z/OS MVS System Messages, Volume 3 (ASB-BPX)	iea3m300.pdf	SA38-0670-00	SA22-7633-22
z/OS MVS System Messages, Volume 4 (CBD-DMO)	iea3m400.pdf	SA38-0671-00	SA22-7634-22
z/OS MVS System Messages, Volume 5 (EDG-GFS)	iea3m500.pdf	SA38-0672-00	SA22-7635-21
z/OS MVS System Messages, Volume 6 (GOS-IEA)	iea3m600.pdf	SA38-0673-00	SA22-7636-24
z/OS MVS System Messages, Volume 7 (IEB-IEE)	iea3m700.pdf	SA38-0674-00	SA22-7637-24
z/OS MVS System Messages, Volume 8 (IEF-IGD)	iea3m800.pdf	SA38-0675-00	SA22-7638-21
z/OS MVS System Messages, Volume 9 (IGF-IWM)	iea3m900.pdf	SA38-0676-00	SA22-7639-22
z/OS MVS System Messages, Volume 10 (IXC-IZP)	iea3ma00.pdf	SA38-0677-00	SA22-7640-25
z/OS MVS Using the Functional Subsystem Interface	iea3e500.pdf	SA38-0678-00	SA22-7641-02
z/OS MVS Using the Subsystem Interface	iea3f200.pdf	SA38-0679-00	SA22-7642-12
z/OS Unicode Services User's Guide and Reference	iea3un00.pdf	SA38-0680-00	SA22-7649-14
z/OS XML System Services User's Guide and Reference	gx13z100.pdf	SA38-0681-00	SA23-1350-07
Bulk Data Transfer			
z/OS BDT Installation	bdtza410.pdf	SC14-7582-00	GA22-7511-01
z/OS BDT File-to-File Transaction Guide	bdtza510.pdf	SC14-7583-00	SA22-7515-01

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS BDT Commands	bdtza620.pdf	SC14-7584-00	SA22-7512-02
z/OS BDT Messages and Codes	bdtza730.pdf	SC14-7585-00	SA22-7513-04
z/OS BDT Diagnosis Reference	bdtza810.pdf	SC14-7586-00	GA22-7514-01
Common Information Model (CIM)			
z/OS Common Information Model User's Guide	cfz2ug00.pdf	SC34-2671-00	SC33-7998-08
Communications Server			
z/OS Communications Server: IPv6 Network and Application Design Guide	f1a2f100.pdf	SC27-3663-00	SC31-8885-09
z/OS Communications Server: IP Diagnosis Guide	f1a2c500.pdf	GC27-3652-00	GC31-8782-13
z/OS Communications Server: IP Messages Volume 1 (EZA)	f1a2c700.pdf	SC27-3654-00	SC31-8783-14
z/OS Communications Server: IP Messages Volume 2 (EZB, EZD)	f1a2c800.pdf	SC27-3655-00	SC31-8784-13
z/OS Communications Server: IP Messages Volume 3 (EZY)	f1a2c900.pdf	SC27-3656-00	SC31-8785-11
z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM)	f1a2d100.pdf	SC27-3657-00	SC31-8786-15
z/OS Communications Server: New Function Summary	f1a2f200.pdf	GC27-3664-00	GC31-8771-07
z/OS Communications Server: IP Configuration Guide	f1a2b300.pdf	SC27-3650-00	SC31-8775-20

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS Communications Server: IP Configuration Reference	f1a2b400.pdf	SC27-3651-00	SC31-8776-21
z/OS Communications Server: IP Programmer's Guide and Reference	f1a2d300.pdf	SC27-3659-00	SC31-8787-14
z/OS Communications Server: IP User's Guide and Commands	f1a2b900.pdf	SC27-3662-00	SC31-8780-11
z/OS Communications Server: IP System Administrator's Commands	f1a2c200.pdf	SC27-3661-00	SC31-8781-12
z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference	f1a2d400.pdf	SC27-3660-00	SC31-8788-09
z/OS Communications Server: IP CICS® Sockets Guide	f1a2g100.pdf	SC27-3649-00	SC31-8807-07
z/OS Communications Server: IP IMS™ Sockets Guide	f1a2e100.pdf	SC27-3653-00	SC31-8830-06
z/OS Communications Server: IP Network Print Facility	f1a2g300.pdf	SC27-3658-00	SC31-8833-01
z/OS Communications Server: SNA Network Implementation Guide	f1a2b500.pdf	SC27-3672-00	SC31-8777-11
z/OS Communications Server: SNA Resource Definition Reference	f1a2b600.pdf	SC27-3675-00	SC31-8778-14
z/OS Communications Server: SNA Resource Definition Samples	f1a2e700.pdf	SC27-3676-00	SC31-8836-05

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS Communications Server: SNA Operation	f1a2b700.pdf	SC27-3673-00	SC31-8779-11
z/OS Communications Server: Quick Reference	f1a2b800.pdf	SC27-3665-00	SX75-0124-11
z/OS Communications Server: SNA Customization	f1a2d700.pdf	SC27-3666-00	SC31-6854-03
z/OS Communications Server: SNA Diagnosis Vol 1, Techniques and Procedures	f1a2c300.pdf	GC27-3667-00	GC31-6850-06
z/OS Communications Server: SNA Diagnosis Vol 2, FFST™ Dumps and the VIT	f1a2c400.pdf	GC27-3668-00	GC31-6851-06
z/OS JES2 Messages	has2x300.pdf	SA32-0989-00	SA22-7537-13
z/OS Communications Server: SNA Messages	f1a2c600.pdf	SC27-3671-00	SC31-8790-12
z/OS Communications Server: IP and SNA Codes	f1a2d200.pdf	SC27-3648-00	SC31-8791-13
z/OS Communications Server: SNA Programmer's LU 6.2 Guide	f1a2e900.pdf	SC27-3669-00	SC31-8811-01
z/OS Communications Server: SNA Programmer's LU 6.2 Reference	f1a2e800.pdf	SC27-3670-00	SC31-8810-01
z/OS Communications Server: CSM Guide	f1a2g200.pdf	SC27-3647-00	SC31-8808-03
z/OS Communications Server: SNA Programming	f1a2d900.pdf	SC27-3674-00	SC31-8829-03

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS Communications Server: CMIP Services and Topology Agent Guide	f1a2d800.pdf	SC27-3646-00	SC31-8828-04
z/OS Communications Server: ACF/TAP Trace Analysis Handbook	f1a2f300.pdf	GC27-3645-00	GC23-8588-00
Cryptographic Services			
z/OS Cryptographic Services ICSF Administrator's Guide	csf2c300.pdf	SA22-7521-17	SA22-7521-17
z/OS Cryptographic Services ICSF Application Programmer's Guide	csf2c400.pdf	SA22-7522-16	SA22-7522-16
z/OS Cryptographic Services ICSF Messages	csf2c700.pdf	SA22-7523-16	SA22-7523-16
z/OS Cryptographic Services ICSF Overview	csf2c500.pdf	SA22-7519-16	SA22-7519-16
z/OS Cryptographic Services ICSF System Programmer's Guide	csf2c200.pdf	SA22-7520-17	SA22-7520-17
z/OS Cryptographic Services ICSF Trusted Key Entry Workstation User's Guide	csf2c600.pdf	SA23-2211-08	SA23-2211-08
z/OS Cryptographic Services ICSF Writing PKCS #11 Applications	csf2ca00.pdf	SA23-2231-05	SA23-2231-05
z/OS Cryptographic Services PKI Services Guide and Reference	iky2a100.pdf	SA23-2286-00	SA22-7693-13
z/OS Cryptographic Services System SSL Programming	gsk2aa00.pdf	SC14-7495-00	SC24-5901-11
IBM Multi-site Workload Lifeline V1.1 User's Guide	aqsa0113	SC23-8600-03	New for V2R1

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS V2R1.0 Communications Server Glossary: Find it in the z/OS Library or information center.	fla2f400.pdf	N/A	New for V2R1
IBM Encryption Facility for z/OS: Planning and Customizing	csde1122	SA23-2229-02	SA23-2229-02
IBM Encryption Facility for z/OS: Using Encryption Facility for OpenPGP	csdd1125	SA23-2230-05	SA23-2230-05
IBM Encryption Facility for z/OS: User's Guide	csda1101	SA23-1349-01	SA23-1349-01
DFSMS			
z/OS DFSMS Advanced Copy Services	ant3r100.pdf	SC23-6847-00	SC35-0428-19
z/OS DFSMS Access Method Services Commands	dgt3i200.pdf	SC23-6846-00	SC26-7394-13
z/OS DFSMS Distributed FileManager Guide and Reference	dgt3m500.pdf	SC23-6848-00	SC26-7395-01
z/OS DFSMS Implementing System-Managed Storage	dgt3i600.pdf	SC23-6849-00	SC26-7407-07
z/OS DFSMS Introduction	dgt3di00.pdf	SC23-6851-00	SC26-7397-04
z/OS DFSMS Installation Exits	dgt3c700.pdf	SC23-6850-00	SC26-7396-14
z/OS DFSMS Macro Instructions for Data Sets	dgt3d500.pdf	SC23-6852-00	SC26-7408-10
z/OS DFSMS Managing Catalogs	dgt3c100.pdf	SC23-6853-00	SC26-7409-11
z/OS DFSMS Using Data Sets	dgt3d400.pdf	SC23-6855-00	SC26-7410-11
z/OS DFSMS Using the Interactive Storage Management Facility	dgt3i500.pdf	SC23-6856-00	SC26-7411-08
z/OS DFSMS Using the New Functions	dgt3g500.pdf	SC23-6857-00	SC26-7473-11

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS DFSMS Using Magnetic Tapes	dgt3m300.pdf	SC23-6858-00	SC26-7412-03
z/OS DFSMS Using the Volume Mount Analyzer	dgt3v100.pdf	SC23-6859-00	SC26-7413-02
DFSMS Optimizer Version 1 Release 2 Messages and Codes	gft1m103.pdf	SC26-7049-00	SC26-7049-00
DFSMS Optimizer Version 1 Release 2 User's Guide and Reference	gft1u105.pdf	SC26-7047-05	SC26-7047-05
Character Data Representation Architecture Reference and Registry	focref00.pdf	SC09-2190-00	SC09-2190-00
z/OS DFSMS Object Access Method Planning, Installation, and Storage Administration Guide for Tape Libraries	dgt3o300.pdf	SC23-6867-00	SC35-0427-10
z/OS DFSMS Object Access Method Planning, Installation, and Storage Administration Guide for Object Support	dgt3o200.pdf	SC23-6866-00	SC35-0426-11
z/OS DFSMS Object Access Method Application Programmer's Reference	dgt3o100.pdf	SC23-6865-00	SC35-0425-09
z/OS DFSMS Software Support for IBM System Storage® TS1140, TS1130, and TS1120 Tape Drives (3592)	dgt3j100.pdf	SC23-6854-00	SC26-7514-06
MVS/ESA Storage Management Library: Managing Data	am11da06.pdf	SC26-3124-00	SC26-3124-00
MVS/ESA Storage Management Library: Managing Storage Groups	am11gr07.pdf	SC26-3125-00	SC26-3125-00

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
MVS/ESA Storage Management Library: Leading a Storage Administration Group	an11ld04.pdf	SC26-3126-00	SC26-3126-00
DFSMSdfp			
z/OS DFSMSdfp Advanced Services	dgt3s300.pdf	SC23-6861-00	SC26-7400-14
z/OS DFSMSdfp Checkpoint/Restart	dgt3c400.pdf	SC23-6862-00	SC26-7401-03
z/OS DFSMSdfp Diagnosis	dgt3r100.pdf	SC23-6863-00	GY27-7618-16
z/OS DFSMSdfp Storage Administration	dgt3s200.pdf	SC23-6860-00	SC26-7402-16
z/OS DFSMSdfp Utilities	dgt3u100.pdf	SC23-6864-00	SC26-7414-08
Distributed File Service			
z/OS Distributed File Service zFS Administration	fcx2d500.pdf	SC23-6887-00	SC24-5989-12
z/OS Distributed File Service SMB Administration	fcx2d400.pdf	SC23-6886-00	SC24-5918-11
z/OS Distributed File Service Messages and Codes	fcx2d300.pdf	SC23-6885-00	SC24-5917-15
Environmental Record Editing and Printing Program (EREP)			
Environmental Record Editing and Printing Program Reference	ifc5r106.pdf	GC35-0152-06	GC35-0152-05
Environmental Record Editing and Printing Program User's Guide	ifc5g103.pdf	GC35-0151-03	GC35-0151-02
GDDM	See http://www-01.ibm.com/software/applications/gddm/library/		
Hardware Configuration Definition (HCD)			
z/OS Hardware Configuration Definition Planning	iea3g800.pdf	GA32-0907-00	GA22-7525-16

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS and z/VM [®] HCD Messages	cbd2me00.pdf	SC34-2668-00	SC33-7986-13
z/OS HCD User's Guide	cbd2ug00.pdf	SC34-2669-00	SC33-7988-10
High Level Assembler (HLASM)			
High Level Assembler for z/OS & z/VM & z/VSE [®] Toolkit Feature Installation and Customization Guide	asmtic21.pdf	GC26-8711-09	GC26-8711-08
High Level Assembler for z/OS & z/VM & z/VSE Toolkit Feature Interactive Debug Facility User's Guide	asmtiu21.pdf	GC26-8709-07	GC26-8709-06
High Level Assembler for z/OS & z/VM & z/VSE Toolkit Feature User's Guide	asmtug21.pdf	GC26-8710-10	GC26-8710-09
High Level Assembler for z/OS & z/VM & z/VSE Toolkit Feature Interactive Debug Facility Reference Summary	asmtis21.pdf	GC26-8712-06	GC26-8712-05
High Level Assembler for z/OS & z/VM & z/VSE Installation and Customization Guide	asmi1021.pdf	SC26-3494-05	SC26-3494-04
High Level Assembler for z/OS & z/VM & z/VSE Language Reference	asmr1021.pdf	SC26-4940-06	SC26-4940-05
High Level Assembler for z/OS & z/VM & z/VSE General Information	asmg1021.pdf	GC26-4943-06	GC26-4943-05
High Level Assembler for z/OS & z/VM & z/VSE Programmer's Guide	asmp1021.pdf	SC26-4941-06	SC26-4941-05
IBM HTTP Server	For information about the version of HTTP Server that applies to your installation see WebSphere [®] Application Server Library at http://www-01.ibm.com/software/webservers/appserv/was/library/ .		

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
IBM Tivoli Directory Server for z/OS			
z/OS IBM Tivoli® Directory Server Client Programming for z/OS	glp2a100.pdf	SA23-2295-00	SA23-2214-05
z/OS IBM Tivoli Directory Server Administration and Use for z/OS	glp2a200.pdf	SC23-6788-00	SC23-5191-07
z/OS IBM Tivoli Directory Server Plug-in Reference for z/OS	glp2a300.pdf	SA76-0169-00	SA76-0148-01
z/OS IBM Tivoli Directory Server Messages and Codes for z/OS	glp2a400.pdf	SA23-2296-00	SA23-2262-01
ICKDSF			
Device Support Facilities (ICKDSF) User's Guide and Reference	ick4020m.pdf	GC35-0033-39	GC35-0033-38
Integrated Security Services			
z/OS Integrated Security Services EIM Guide and Reference	eim2a100.pdf	SA23-2297-00	SA22-7875-09
z/OS Integrated Security Services Network Authentication Service Programming	euv2b200.pdf	SC23-6787-00	SC24-5927-08
z/OS Integrated Security Services Network Authentication Service Administration	euv2b300.pdf	SC23-6786-00	SC24-5926-11
z/OS V2R1.0 Open Cryptographic Services Facility Service Provider Module Developer's Guide and Reference	cds2a200.pdf	SC14-7514-00	
z/OS Open Cryptographic Services Facility Application Programming	cds2a100.pdf	SC14-7513-00	

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS Integrated Security Services Open Cryptographic Enhanced Plug-ins Application Programming	ceq2a100.pdf	SC14-7568-00	
ISPF			
z/OS V2R1.0 ISPF User's Guide Volume II	isp2u200.pdf	SC19-3628-00	SC34-4823-10
z/OS V2R1.0 ISPF Services Guide	isp2sg00.pdf	SC19-3626-00	SC34-4819-10
z/OS V2R1.0 ISPF User's Guide Volume I	isp2ug00.pdf	SC19-3627-00	SC34-4822-10
z/OS V2R1.0 ISPF SCLM Guide and Reference	isp2sc00.pdf	SC19-3625-00	SC34-4817-11
z/OS V2R1.0 ISPF Reference Summary	isp2rs00.pdf	SC19-3624-00	SC34-4816-10
z/OS V2R1.0 ISPF Planning and Customizing	isp2pc00.pdf	GC19-3623-00	GC34-4814-09
z/OS V2R1.0 ISPF Messages and Codes	isp2mc00.pdf	SC19-3622-00	SC34-4815-10
z/OS V2R1.0 ISPF Edit and Edit Macros	isp2em00.pdf	SC19-3621-00	SC34-4820-10
z/OS V2R1.0 ISPF DTL Guide	isp2dt00.pdf	SC19-3620-00	SC34-4824-09
z/OS V2R1.0 ISPF Dialog Developer's Guide and Reference	isp2dg00.pdf	SC19-3619-00	SC34-4821-09
JES2			
Network Job Entry (NJE) Formats and Protocols	has2y200.pdf	SA32-0988-00	SA22-7539-02
z/OS JES Application Programming	has2z100.pdf	SA32-0987-00	SA23-2240-03
z/OS JES2 Commands	has2w400.pdf	SA32-0990-00	SA22-7526-14
z/OS JES2 Data Areas Volume 1	has2a900.pdf	GA32-0997-00	GA32-0845-00
z/OS JES2 Data Areas Volume 2	has2b200.pdf	GA32-0998-00	GA32-0846-00
z/OS JES2 Data Areas Volume 3	has2c800.pdf	GA32-0999-00	GA32-0847-00
z/OS JES2 Data Areas Volume 4	has2d400.pdf	GA32-100-00	GA32-0848-00

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS JES2 Data Areas Volume 5	has2f500.pdf	GA32-1001-00	GA32-0849-00
z/OS JES2 Diagnosis	has2t700.pdf	GA32-0993-00	GA22-7531-10
z/OS JES2 Macros	has2q000.pdf	SA32-0996-00	SA22-7536-11
z/OS JES2 Initialization and Tuning Guide	has2v500.pdf	SA32-0991-00	SA22-7532-12
z/OS JES2 Initialization and Tuning Reference	has2u600.pdf	SA32-0992-00	SA22-7533-12
z/OS JES2 Introduction	has2s800.pdf	SA32-0994-00	SA22-7535-08
z/OS JES2 Installation Exits	has2r900.pdf	SA32-0995-00	SA22-7534-13
Language Environment			
z/OS Language Environment Vendor Interfaces	cee1v200.pdf	SA38-0688-00	SA22-7568-12
z/OS Language Environment Programming Guide for 64-bit Virtual Addressing Mode	cee1m200.pdf	SA38-0689-00	SA22-7569-06
z/OS Language Environment Runtime Messages	cee19200.pdf	SA38-0686-00	SA22-7566-12
z/OS Language Environment Concepts Guide	cee18200.pdf	SA38-0687-00	SA22-7567-12
z/OS Language Environment Runtime Application Migration Guide	cee16200.pdf	GA32-0912-00	GA22-7565-12
z/OS Language Environment Customization	cee15200.pdf	SA38-0685-00	SA22-7564-13
z/OS Language Environment Writing Interlanguage Communication Applications	cee14200.pdf	SA38-0684-00	SA22-7563-08
z/OS Language Environment Programming Guide	cee12200.pdf	SA38-0682-00	SA22-7561-12
z/OS Language Environment Programming Reference	cee13200.pdf	SA38-0683-00	SA22-7562-13

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS Language Environment Debugging Guide	cee11200.pdf	GA32-0908-00	GA22-7560-12
Library Server			
Library Server: Getting Started	eph3z100.pdf	GI11-9481-00	
IBM BookManager BUILD/MVS: Installation Planning and Customization	eoy04m05.pdf	SC38-2037-00	SC38-2037-00
IBM BookManager BUILD/MVS: Preparing Online Books	eoy03m05.pdf	SC38-2036-00	SC38-2036-00
IBM BookManager READ/MVS: Installation Planning and Customization	eox04m07.pdf	SC38-2035-00	SC38-2035-00
IBM BookManager READ/MVS: Displaying Online Books	eox03m07.pdf	SC38-2034-00	SC38-2034-00
IBM BookManager READ/MVS: Getting Started	eox02m05.pdf	SC38-2033-00	SC38-2033-00
IBM BookManager READ/MVS and BUILD/MVS: General Information	eox01m05.pdf	GC38-2032-00	GC38-2032-00
METAL C Runtime Library			
z/OS Metal C Programming Guide and Reference	ccr1u200.pdf	SC14-7313-00	SA23-2225-05
Network File System (NFS)			
z/OS Network File System Guide and Reference	cpn2co00.pdf	SC23-6883-00	SC26-7417-13
Open Systems Adapter Support Facility (OSA/SF)			
zEnterprise System and System z10 [®] : Open Systems Adapter-Express Customer's Guide and Reference	ioa2z1c0.pdf	SA22-7935-15	SA22-7935-14

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
eServer™ zSeries 900: Open Systems Adapter-2 Planning Guide	ioa2gp00.pdf	GA22-7477-00	GA22-7477-00
System z10 Open Systems Adapter-Express3 Integrated Console Controller Dual-Port User's Guide	ioa2dp20.pdf	SA23-2266-02	SA23-2266-00
SMP/E			
SMP/E V3R6.0 for z/OS V2R1.0 User's Guide	gim3ug00.pdf	SA23-2277-00	SA22-7773-19
SMP/E V3R6.0 for z/OS V2R1.0 Reference	gim3rf00.pdf	SA23-2276-00	SA22-7772-16
SMP/E V3R6.0 for z/OS V2R1.0 Messages, Codes, and Diagnosis	gim3md00.pdf	GA32-0883-00	GA22-7770-17
SMP/E V3R6.0 for z/OS V2R1.0 Commands	gim3cm00.pdf	SA23-2275-00	SA22-7771-15
TSO/E			
z/OS TSO/E Administration	ikj2n200.pdf	SA32-0977-00	SA22-7780-00
z/OS TSO/E CLISTs	ikj2i200.pdf	SA32-0978-00	SA22-7781-07
z/OS TSO/E Command Reference	ikj2l200.pdf	SA32-0975-00	SA22-7782-14
z/OS TSO/E Customization	ikj2h200.pdf	SA32-0976-00	SA22-7783-12
z/OS TSO/E General Information	ikj2j200.pdf	SA32-0979-00	SA22-7784-04
z/OS TSO/E Guide to the Server-Requester Programming Interface	ikj2f200.pdf	SA32-0980-00	SA22-7785-01
z/OS TSO/E Messages	ikj2m200.pdf	SA32-0970-00	SA22-7786-11
z/OS TSO/E Primer	ikj2p200.pdf	SA32-0984-00	SA22-7787-02
z/OS TSO/E Programming Guide	ikj2k200.pdf	SA32-0981-00	SA22-7788-04
z/OS TSO/E Programming Services	ikj2b200.pdf	SA32-0973-00	SA22-7789-09

Table 1. z/OS Base element publications (continued)

Element and title	V2R1 PDF name	V2R1 Order Number	V1R13 Order Number
z/OS TSO/E REXX Reference	ikj2a200.pdf	SA32-0972-00	SA22-7790-10
z/OS TSO/E REXX User's Guide	ikj2g200.pdf	SA32-0982-00	SA22-7791-01
z/OS TSO/E System Diagnosis: Data Areas	ikj2q200.pdf	GA32-0983-00	GA22-7792-07
z/OS TSO/E System Programming Command Reference	ikj2e200.pdf	SA32-0974-00	SA22-7793-05
z/OS TSO/E User's Guide	ikj2o200.pdf	SA32-0971-00	SA22-7794-06
z/OS Font Collection			
z/OS Font Collection	e0z1x100.pdf	GA32-1048-00	New for V2R1
z/OS UNIX System Services			
z/OS Using REXX and z/OS UNIX System Services	bpx1rx00.pdf	SA23-2283-00	SA22-7806-14
z/OS UNIX System Services Command Reference	bpx1cd00.pdf	SA23-2280-00	SA22-7802-14
z/OS UNIX System Services File System Interface Reference	bpx1fr00.pdf	SA23-2285-00	SA22-7808-13
z/OS UNIX System Services Messages and Codes	bpx1mc00.pdf	SA23-2284-00	SA22-7807-12
z/OS UNIX System Services Planning	bpx1pg00.pdf	GA32-0884-00	GA22-7800-19
z/OS UNIX System Services Programming: Assembler Callable Services Reference	bpx2cr00.pdf	SA23-2281-00	SA22-7803-14
z/OS UNIX System Services Programming Tools	bpx1pt00.pdf	SA23-2282-00	SA22-7805-08
z/OS UNIX System Services User's Guide	bpx1ug00.pdf	SA23-2279-00	SA22-7801-14

z/OS V2R1 optional features and extras

Table 2 contains the z/OS V2R1 PDF name and order numbers for V2R1 and V1R13.

Table 2. V2R1 optional features and additional documentation

Element and title	PDF name	V2R1 Order number	V1R13 Order number
C/C++, Curses			
Standard C++ Library Reference	cbc1s200.pdf	SC14-7309-00	SC09-4949-05
z/OS C Curses	bpx1b200.pdf	SA38-0690-00	SA22-7820-00
z/OS XL C/C++ Compiler and Runtime Migration Guide for the Application Programmer	cbc1m200.pdf	GC14-7306-00	GC09-4913-10
z/OS XL C/C++ Language Reference	cbc1l200.pdf	SC14-7308-00	SC09-4815-11
z/OS XL C/C++ Messages	cbc1d200.pdf	GC14-7305-00	GC09-4819-09
z/OS XL C/C++ Programming Guide	cbc1p200.pdf	SC14-7315-00	SC09-4765-13
z/OS XL C/C++ User's Guide	cbc1u200.pdf	SC14-7307-00	SC09-4767-11
z/OS XL C/C++ Runtime Library Reference	edc1b200.pdf	SC14-7314-00	SA22-7821-13
DFSMSdss			
z/OS DFSMSdss Storage Administration	dgt3u200.pdf	SC23-6868-00	SC35-0423-17
DFSMShsm			
z/OS DFSMShsm Diagnosis	dgt3r400.pdf	GC52-1387-00	GC52-1083-07
z/OS DFSMShsm Implementation and Customization Guide	dgt3i400.pdf	SC23-6869-00	SC35-0418-12
z/OS DFSMShsm Storage Administration	dgt3s600.pdf	SC23-6871-00	SC35-0421-14
z/OS DFSMSrmm Reporting	dgt3rr00.pdf	SC23-6875-00	SC26-7406-11
z/OS DFSMShsm Managing Your Own Data	dgt3u300.pdf	SC23-6870-00	SC35-0420-10
z/OS DFSMShsm Data Areas	dgt3da00.pdf	GC14-7504-00	
DFSMSrmm			

Table 2. V2R1 optional features and additional documentation (continued)

Element and title	PDF name	V2R1 Order number	V1R13 Order number
z/OS DFSMSrmm Diagnosis Guide	dgt3g300.pdf	SC23-6876-00	GY27-7619-11
z/OS DFSMSrmm Application Programming Interface	dgt3a100.pdf	SC23-6872-00	SC26-7403-11
z/OS DFSMSrmm Implementation and Customization Guide	dgt3c800.pdf	SC23-6874-00	SC26-7405-12
z/OS DFSMSrmm Managing and Using Removable Media	dgt3r300.pdf	SC23-6873-00	SC26-7404-12
DFSMSStvs			
z/OS DFSMSStvs Administration Guide	dat3gu00.pdf	GC52-1388-00	GC26-7483-00
z/OS DFSMSStvs Planning and Operating Guide	dat3pg00.pdf	SC23-6877-00	SC26-7348-00
DFSORT			
z/OS DFSORT Tuning Guide	ice2ct00.pdf	SC23-6882-00	SC26-7526-02
z/OS DFSORT Messages, Codes and Diagnosis Guide	ice2cm00.pdf	SC23-6879-00	SC26-7525-06
z/OS DFSORT Installation and Customization	ice2ci00.pdf	SC23-6881-00	SC26-7524-03
z/OS DFSORT Application Programming Guide	ice2ca00.pdf	SC23-6878-00	SC26-7523-07
z/OS DFSORT: Getting Started	ice2cg00.pdf	SC23-6880-00	SC26-7527-06
GDDM-PGF and GDDM-REXX:	See http://www-01.ibm.com/software/applications/gddm/library/		
Hardware Configuration Manager (HCM)			
z/OS and z/VM HCM User's Guide	eeq2ug00.pdf	SC34-2670-00	SC33-7989-13
Infoprint Server			
z/OS Infoprint Server Customization	aop1c000.pdf	SA38-0691-00	S544-5744-12
z/OS Infoprint Server Introduction	aop1i000.pdf	SA38-0692-00	S544-5742-11
z/OS Infoprint Server Messages and Diagnosis	aop1m000.pdf	GA32-0927-00	G544-5747-11

Table 2. V2R1 optional features and additional documentation (continued)

Element and title	PDF name	V2R1 Order number	V1R13 Order number
z/OS Infoprint Server Operation and Administration	aop1o000.pdf	SA38-0693-00	S544-5745-12
z/OS Infoprint Server User's Guide	aop1v000.pdf	SA38-0695-00	S544-5746-11
z/OS Infoprint Server Printer Inventory for PSF	aop1pi00.pdf	SA38-0694-00	S510-7703-03
JES3			
z/OS JES3 Diagnosis	iat2p100.pdf	GA32-1002-00	GA22-7547-10
z/OS JES3 Initialization and Tuning Guide	iat2n200.pdf	SA32-1003-00	SA22-7549-11
z/OS JES3 Introduction	iat2m300.pdf	SA32-1004-00	SA22-7551-07
z/OS JES3 Initialization and Tuning Reference	iat2k400.pdf	SA32-1005-00	SA22-7550-11
z/OS JES3 Customization	iat2j500.pdf	SA32-1006-00	SA22-7542-10
z/OS JES3 Messages	iat2h600.pdf	SA32-1007-00	SA22-7552-12
z/OS JES3 Commands	iat2g700.pdf	SA32-1008-00	SA22-7540-11
z/OS JES3 Diagnosis Reference	iat2f800.pdf	GA32-1009-00	GA22-7548-10
z/OS JES3 Data Areas Volume 1	iat2q100.pdf	GA32-1011-00	GA32-0850-00
z/OS JES3 Data Areas Volume 2	iat2r200.pdf	GA32-1012-00	GA32-0851-00
z/OS JES3 Data Areas Volume 3	iat2c300.pdf	GA32-1013-00	GA32-0852-00
Resource Measurement Facility (RMF)			
z/OS RMF Programmer's Guide	erb2pg00.pdf	SC34-2667-00	SC33-7994-14
z/OS RMF Reference Summary	erb2rs00.pdf	SX33-9034-00	SX33-9033-05
z/OS RMF Report Analysis	erb2ra00.pdf	SC34-2665-00	SC33-7991-19
z/OS RMF User's Guide	erb2ug00.pdf	SC34-2664-00	SC33-7990-19
z/OS RMF Messages and Codes	erb2me00.pdf	SC34-2666-00	SC33-7993-13
System Display and Search Facility (SDSF)			

Table 2. V2R1 optional features and additional documentation (continued)

Element and title	PDF name	V2R1 Order number	V1R13 Order number
z/OS SDSF Operation and Customization	isf5cs00.pdf	SA23-2274-00	SA22-7670-15
Security Server RACF			
z/OS Security Server RACF Auditor's Guide	ich2a800.pdf	SA23-2290-00	SA22-7684-13
z/OS Security Server RACF Callable Services	ich2d100.pdf	SA23-2293-00	SA22-7691-15
z/OS Security Server RACF Command Language Reference	ich2a400.pdf	SA23-2292-00	SA22-7687-16
z/OS Security Server RACF Data Areas	ich2c400.pdf	GA32-0885-00	GA22-7680-13
z/OS Security Server RACF Diagnosis Guide	ich2b200.pdf	GA32-0886-00	GA22-7689-14
z/OS Security Server RACF General User's Guide	ich2a100.pdf	SA23-2298-00	SA22-7685-05
z/OS Security Server RACF Macros and Interfaces	ich2a300.pdf	SA23-2288-00	SA22-7682-15
z/OS Security Server RACROUTE Macro Reference	ich2c600.pdf	SA23-2294-00	SA22-7692-14
z/OS Security Server RACF Messages and Codes	ich2a600.pdf	SA23-2291-00	SA22-7686-16
z/OS Security Server RACF Security Administrator's Guide	ich2a700.pdf	SA23-2289-00	SA22-7683-15
z/OS Security Server RACF System Programmer's Guide	ich2a200.pdf	SA23-2287-00	SA22-7681-13
Additional publications available in the z/OS Library			
z/OS V2R1 Program Directory	e0zpdz00.pdf	GI11-9848-00	
Ported Tools			
IBM Ported Tools for z/OS: OpenSSH User's Guide	fo4os02.pdf	SA23-2246-02	SA23-2246-01

Table 2. V2R1 optional features and additional documentation (continued)

Element and title	PDF name	V2R1 Order number	V1R13 Order number
IBM Ported Tools for z/OS: Supplementary Toolkit for z/OS Feature User's Guide and Reference	hpu4st03.pdf	SA23-2234-03	SA23-2234-00
z/OS System Management (z/OSMF)			
IBM z/OS Management Facility Online Help	Ships with z/OSMF		
IBM z/OS Management Facility License Information	izu22100.pdf	GC52-1386-00	GC52-1263-03
Program Directory for IBM z/OS Management Facility	izu21100.pdf	GI11-9847-00	GI11-2886-02
IBM z/OS Management Facility Configuration Guide	izu23100.pdf	SA38-0657-00	SA38-0652-07
IBM z/OS Management Facility Programming	izu27100.pdf	SA32-1066-00	
IBM Print Transforms and Print Services Facility™ for z/OS			
PSF for z/OS: Licensed Program Specifications	apsl9430.pdf	G550-0431-03	G550-0431-03
PSF for z/OS: AFP Download Plus	apsp0430.pdf	S550-0433-04	S550-0433-04
PSF for z/OS: Download for z/OS	apsw1430.pdf	S550-0429-03	S550-0429-03
PSF for z/OS: Security Guide	apsb0430.pdf	S550-0434-03	S550-0434-03
PSF for z/OS: Diagnosis	apsd9430.pdf	G550-0428-03	G550-0428-03
PSF for z/OS: User's Guide	apsu9430.pdf	S550-0435-03	S550-0435-03
PSF for z/OS: Customization	apss9430.pdf	S550-0427-03	S550-0427-03
PSF for z/OS: Introduction	apsa0430.pdf	G550-0430-03	G550-0430-03
PSF for z/OS: Messages and Codes	apsm9430.pdf	G550-0432-03	G550-0432-03
Page Printer Formatting Aid: User's Guide	ib6p011b.pdf	S544-5284-11	S544-5284-11

Table 2. V2R1 optional features and additional documentation (continued)

Element and title	PDF name	V2R1 Order number	V1R13 Order number
AFP Conversion and Indexing Facility User's Guide	ib6a9230.pdf	S550-0436-03	S550-0436-03
IBM Print Transform from AFP to PostScript for Infoprint Server for z/OS Licensed Program Specifications	aoklc100.pdf	G325-2637-00	G325-2637-00
IBM Print Transform from AFP to PDF for Infoprint Server for z/OS Licensed Program SpecificationsS	aoklb100.pdf	G325-2636-00	G325-2636-00
IBM Print Transform from AFP to PCL for Infoprint Server for z/OS Licensed Program SpecificationsPS	aokla100.pdf	G325-2635-00	G325-2635-00
IBM Print Transforms from AFP for Infoprint Server for z/OS	aokfa102.pdf	G325-2634-02	G325-2634-02
IBM Infoprint Transforms to AFP for z/OS	aop2ta20.pdf	G550-0443-05	G550-0443-04
IBM Infoprint XT for z/OS: Licensed Program Specifications	aio3l000.pdf	GI11-9493-00	GI11-9493-00
IBM Infoprint Transforms to AFP for z/OS Licensed Program Specifications	aop2lt20.pdf	G550-0445-03	G550-0445-02
IBM Infoprint Coaxial Printer Support for z/OS Licensed Program Specifications	aoplc200.pdf	G550-0447-00	G550-0447-00
IBM Tivoli System Automation for z/OS	See IBM Tivoli System Automation for z/OS (http://publib.boulder.ibm.com/tividd/td/IBMTivoliSystemAutomationforzOS3.2.html)		

Appendix. Accessing z/OS documentation

Documentation is available on the internet in the z/OS information center and in PDF format for all z/OS releases.

There are a number of ways to view and print z/OS information, depending on your needs and what facilities are available to you. IBM provides the z/OS information center, the z/OS internet library, and the z/OS collection kit, which contain PDF formats of z/OS documents.

Here are some common formats that are available to view z/OS softcopy information.

- *HTML*: The z/OS information center provides documentation for z/OS base elements and optional features in HTML format that is provided by IBM User Interface Help System Built on Eclipse. For more information about accessing and searching the z/OS information center from your browser, see “Viewing information in the information center” home page. To find the complete z/OS library, including the z/OS information center, see z/OS Internet Library (<http://www.ibm.com/systems/z/os/zos/bkserv/>).
- *PDF*: Most z/OS documents are provided in PDF format. The primary purpose for providing PDF files is for printing either a specific topic or the entire publication. You can also view a PDF online, or download one or many to your own repository. To find the complete z/OS library in PDF, see z/OS Internet Library (<http://www.ibm.com/systems/z/os/zos/bkserv/>).
- *z/OS collection kits*: In the past, IBM provided the z/OS Collection and the z/OS and z/OS Software Products DVD Collection containing BookManager and PDF format. Starting with z/OS V2R1, the collection kits are made available to you in electronic format only. The typical reason to download the entire kit is to maintain a private repository of z/OS and related publications. To find all z/OS collection kits, see IBM Publications Center (<http://www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss>).

Accessing PDF information from all formats minimally requires the Adobe Reader. For information about installing and printing with the Adobe Reader, see the Adobe Acrobat Family website at Adobe Acrobat Family website (www.adobe.com/prodindex/acrobat).

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When you link from one PDF to another using the Adobe Reader's **back button**, you return to the original spot in the first PDF. If you use the same link within a browser on the Internet, the browser's **back button** takes you to the original spot

in the first PDF. In the z/OS information, you must use the **back arrow** that is provided by the IBM User Interface Help System Built on Eclipse to return to the original spot.

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By contrast, an information center topic links by file name, which typically stays the same from release to release. An unchanged information center file can usually link successfully to an updated target file. In addition, the z/OS information center is indexed by search engines, which provides the ability to find z/OS documentation titles and individual topics with a browser.

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