

OS/390



Information Roadmap

Release 10

OS/390



Information Roadmap

Release 10

Note

Before using this information and the product it supports, be sure to read the general information under "Chapter 4. Notices" on page 87.

Thirteenth Edition, December 2000

This is a major revision of GC28-1727-11.

This edition applies to Version 2 Release 10 of OS/390 (5647-A01) and to all subsequent releases and modifications until otherwise indicated in new editions.

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About This Book

OS/390 is an operating system consisting of a set of MVS-based, open, client/server and application enabling functions that are orderable using a single program number. This book describes the information for the base elements and optional features included in OS/390.

How To Use This Book

For an explanation of how to order OS/390 books, see “Chapter 1. Viewing, Printing, and Ordering OS/390 Documentation” on page 1, which describes the hardcopy and softcopy information available with OS/390.

For descriptions of the books associated with OS/390 elements, see “Chapter 2. OS/390 Book Descriptions” on page 9. The book descriptions can help you become familiar with the information included with OS/390 and how it is organized.

For a list of the titles and order numbers of the Version 2 Release 7 through Release 10 books by release, see “Chapter 3. OS/390 Book Order Numbers by Release” on page 55.

Summary of Changes

Summary of Changes for GC28-1727-12 as updated December 2000

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-11.

The following sections summarize the changes to that information.

New Information

Added description of, and link to *OS/390 DOC APAR and PTF ++HOLD Documentation* in “OS/390 System-Level Books” on page 9.

Changed Information

“Chapter 3. OS/390 Book Order Numbers by Release” on page 55 was updated to indicate books refreshed in softcopy for OS/390 Release 10.

R10 Books for MVS, RMF, and other elements were refreshed with information about 64-bit real addressing support that was announced after the previous copies were published in September 2000.

Deleted Information

The following book was deleted from the OS/390 library:

- The Year 2000 and 2-Digit Dates: Guide, GC28-1251.

This book includes terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

Summary of Changes for GC28-1727-11 OS/390 Version 2 Release 10

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-10.

The following sections summarize the changes to that information.

New Information

The following new books were added:

- *OS/390 IBM Communications Server: IP Configuration Guide*
- *OS/390 IBM Communications Server: IP Configuration Reference*
- *OS/390 SecureWay Security Server Network Authentication and Privacy Service Administration*
- *OS/390 SecureWay Security Server Network Authentication and Privacy Service Programming*
- *OS/390 DFSMSrmm Reporting*
- *OS/390 Language Environment Vendor Interfaces.*

Information about new web-based wizards (interactive assistants) was added, with pointers to their URLs. In some cases, wizards replace existing books.

Deleted Information

The following information was deleted from this edition:

- Release 6 ordering information for all books.
- Information about OS/390 books on tape.
- Books for elements removed from OS/390: LAN Server, OS/390 Softcopy Print, WebSphere Application Server, and VisualLift
- The following individual books were removed from OS/390:
 - OS/390 ISPF Application Server User's Guide and Reference
 - OS/390 UNIX System Services Communications Server Guide
 - DFSMS/MVS Access Method Services for VSAM
 - DFSMS/MVS Summary of Access Method Services for ICF
 - OS/390 Parallel Sysplex Hardware and Software Migration
 - OS/390 Parallel Sysplex Systems Management
 - OS/390 C/C++ SOM-Enabled Class Library User's Guide
 - Debug Tool Reference Summary

Changed Information

- Titles and order numbers of DFSMS books were changed because the element became exclusive to OS/390. Among those changes:
 - The title of *DFSMS/MVS Planning for Installation* changed to *OS/390 DFSMS Migration*.
 - *OS/390 DFSMSdfp Diagnosis Reference* became unlicensed (now SY27-7611).

Moved Information

- In view of its element name change, Communications Server documentation was moved from SecureWay Communications Server to "IBM Communications Server" on page 26.

This book includes terminology, maintenance, and editorial changes.

Summary of Changes for GC28-1727-10 as Updated June 2000

The following changes appear only in the online version of this publication for the OS/390 Online Library Collection, SK2T-6700-17.

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.

Summary of Changes for GC28-1727-09 OS/390 Version 2 Release 9

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-08.

The following sections summarize the changes to that information.

New Information

- New ordering information, including the **\$** symbol indicating optional, priced books.
- No new books have been added for Release 9.

Deleted Information

The following information was deleted from this edition:

- Release 5 ordering information for all books.
- TSO/E VM/PC User's Guide for OS/390 Host Services was obsoleted.

Changed Information

- Security Server documentation was reclassified under SecureWay Security Server.

Moved Information

- The IBM HTTP Server books that were listed under Websphere Application Server were moved to their own section.
- Some books containing sysplex information that were listed in the book table under MVS were moved to Parallel Sysplex.

Summary of Changes for GC28-1727-08 OS/390 Version 2 Release 8

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-07.

The following sections summarize the changes to that information.

New Information

This edition includes the following new information:

- Documentation for the SMB function in Distributed File Services
- Updated ordering information for Release 8
- A new book:
 - *OS/390 Distributed File Service SMB Administration Guide and Reference*, for Distributed File Services.

Summary of Changes for GC28-1727-07 OS/390 Version 2 Release 8

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-06.

The following sections summarize the changes to that information.

New Information

This edition includes the following new information:

- Documentation for Infoprint Server
- Release 8 ordering information for all books
- New books:
 - *OS/390 Hot Topics Newsletter*, for OS/390.
 - *Debug Tool Reference Summary*, for C/C++.
 - *DFSMS/MVS Software Support for IBM Magstar 3590 Model E1x Tape Drive*, for DFSMS.
 - *DFSMS/MVS Software Support for IBM Enterprise Storage Server (ESS)*, for DFSMS.
 - *OS/390 Open Systems Adapter Support Facility Express Customer's Guide and Reference*, for OS/390 Open Systems Adapter.
 - *OS/390 SecureWay Security Server Open Cryptographic Enhanced Plug-ins Guide and Reference*, for OS/390 Security Server.
 - *OS/390 Text Search: Programming the Text Search Engine*, for Text Search.

- *OS/390 Text Search: Installation and Administration for the Text Search Engine*, for Text Search.
- *OS/390 Text Search: NetQuestion Solution*, for Text Search.

Deleted Information

The following information was deleted from this edition:

- *OS/390 What's New*
- References to VTAM and TCP/IP books.
- Release 4 ordering information for all books

Changed Information

- eNetwork Communications Server documentation was changed to SecureWay Communications Server
- Net Question documentation was replaced by Text Search

Moved Information

- LDAP client documentation was moved to Security Server

Summary of Changes for GC28-1727-06 OS/390 Version 2 Release 7

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-05.

The following sections summarize the changes to that information.

New Information

This edition includes the following new information:

- Documentation for: Cryptographic Services and WebSphere Application Server
- Release 7 ordering information for all books
- New book, *OS/390 Encina Transactional RPC Support for IMS*, for Encina Toolkit

Deleted Information

The following information was deleted from this edition:

- *System View Up and Running!*, was deleted from the book descriptions and from the ordering information table.
- The description of *DFSORT Release 13 Brochure* was deleted.
- Books not supported in Releases 4 to 7 were deleted from the ordering information table.

Changed Information

The ordering information was updated to remove references to the System Library Subscription Service (SLSS) and to add information about the Publications Notification System (PNS).

The following books are available in both hardcopy and softcopy in Release 7:

- *OS/390 DCE Messages and Codes*
- *OS/390 Distributed File Service Messages and Codes*

The following books were switched to softcopy only in Release 7:

- *OS/390 Application Enabling Technology: Customization Guide*
- *OS/390 Application Enabling Technology: Administration and Programming*

Moved Information

The following information was moved in this edition:

- ICSF documentation was moved to the Cryptographic Services element.
- The *Web Traffic Express for Multiplatforms User's Guide V1.0* book was moved to the WebSphere Application Server element.

- OS/390 UNIX System Services Parallel Environment documentation was moved to the OS/390 UNIX System Services Application Services element.

This book includes terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

Summary of Changes for GC28-1727-05 OS/390 Version 2 Release 6

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-04.

The following sections summarize the changes to that information.

New Information

This edition includes the following new information:

- A list of feature codes for ordering hardcopy
- New book titles for Domino Go Webserver
- Several new books for other elements.

Changed Information

- Titles changed for DCE (formerly OpenEdition DCE) books.
- Titles and order numbers changed for OS/390 Network File System books.
- Various book descriptions have been updated to provide more information.
- As part of the name change of OS/390 OpenEdition to OS/390 UNIX System Services, occurrences of OpenEdition have been changed to OS/390 UNIX System Services or its abbreviated name, OS/390 UNIX. OpenEdition may continue to appear in messages, panel text, and other code with OS/390 UNIX System Services.

Deleted Information

The following information is deleted from this book:

- TCP/IP and VTAM book descriptions have been deleted; they were replaced by eNetwork Communication Server books in Release 5.

Moved Information

- Books previously listed under OpenEdition and OpenEdition DCE have been moved to new sections for OS/390 UNIX System Services and DCE.
- Books previously listed under Lotus have been moved to new sections for Domino Go Webserver and NetQuestion.
- Book descriptions for the OS/390 Network File System (NFS) were moved from the DFSMS section to a new NFS section.

This book includes terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

Summary of Changes for GC28-1727-04 OS/390 Version 2 Release 5

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-03.

The following summarizes the changes to that information.

New Information

This edition includes the following new information:

- Description of the OS/390 Task Atlas
- Descriptions of books for the following new OS/390 elements and features:
 - eNetwork Communications Server
 - Component Broker
 - Print Server
 - Firewall Technologies Toolkit
 - LDAP Server
 - OpenEdition Parallel Environment

Changed Information

- Updated product name for Application Enabling titles
- Updated product name for Domino Go Webserver titles
- Updated titles for the NetQuestion publications
- Added additional ISPF publications
- Updated information for printing softcopy

Deleted Information

The following information is deleted from this book:

- Dash levels on the form numbers in book descriptions

Summary of Changes for GC28-1727-03 As Updated December, 1997

The changes appear only in the online version of this publication for the OS/390 Online Library Collection, SK2T-6700-07.

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.

Deleted Information

Dash levels are removed from order numbers throughout the book.

Summary of Changes for GC28-1727-03 OS/390 Version 2 Release 4

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-02.

The following summarizes the changes to that information.

New Information

This edition includes the following new information:

- Changes to book ordering
- Descriptions of books for the following new OS/390 elements and features are added:
 - BookManager BookServer
 - Encina Toolkit
 - Hardware Configuration Manager
 - Integrated Cryptographic Services Facility
 - Internet Connection Secure Server
 - NetQuestion
 - OpenEdition DCE Application Support
 - TCP/IP OpenEdition
- A description of the OS/390 Installation Planning kit

Deleted Information

The following information is deleted from this book:

- The ****** symbol indicating optional free books
- The mapping of book titles to their order numbers for previous releases of OS/390
- The description of the OS/390 Welcome kit

Summary of Changes for GC28-1727-02 OS/390 Release 3

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-01.

The following summarizes the changes to that information.

New Information

This edition includes the following new information:

- A description of a new optional feature code for ordering planning and installation books.
- Descriptions of books for the following new OS/390 elements and features are added: IP PrintWay and NetSpool.
- A mapping of book titles to their order numbers in Release 3 of OS/390 appears in "OS/390 Book Order Numbers by Release".

Summary of Changes for GC28-1727-01 as Updated December, 1996

The following changes appear only in the online version of this publication for the OS/390 Online Library Collection, SK2T-6700-03.

A pair of vertical dots (:) in the left margin indicates changes to the text and illustrations.

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.

Summary of Changes for GC28-1727-01 OS/390 Release 2

This book contains information previously presented in *OS/390 Information Roadmap*, GC28-1727-00.

The following summarizes the changes to that information.

New Information

This edition includes the following new information:

- "Access to Online Information" on page 4 describes new ways to access and use OS/390 softcopy information, including books on the Internet, softcopy printing, and online help capabilities.
- Mappings of RMF, ISPF, C/C++, and TSO/E books to their new OS/390 titles and order numbers.
- In "Chapter 2. OS/390 Book Descriptions" on page 9, the notation **SC** indicates a book is available in softcopy only. The notation **HC** indicates hardcopy only. All others are available in both hardcopy and softcopy. An asterisk (*****) indicates that you automatically receive one hardcopy of the book when you order OS/390. Two asterisks (******) indicate a set of books that you can optionally order in hardcopy at no additional charge.
- Descriptions of books for the following new OS/390 elements and features are added: DFSORT, FFST/MVS, GDDM-PGF, and SDSF.

- A mapping of book titles to their order numbers in each release of OS/390 appears in "OS/390 Book Order Numbers by Release".

Moved Information

- Books for elements previously listed under MVS have been moved to new sections of their own.

Summary of Changes for GC28-1727-00 OS/390 Release 1

This book is new for OS/390 Release 1. It contains descriptions of the OS/390 books and the books for each of the elements in OS/390.

Chapter 1. Viewing, Printing, and Ordering OS/390 Documentation

The following topics explain how you can obtain OS/390 information in softcopy, hardcopy, and on the Internet.

Softcopy Books on CD-ROM Collections

When you order OS/390, you automatically receive softcopy books on the following CD-ROM collections:

- **OS/390 Online Library Collection**, SK2T-6700

Contains unlicensed books in BookManager format for OS/390, Parallel Sysplex products, and software products that run on OS/390. The licensed books that were reclassified in OS/390 Version 2 Release 4 and Release 10 appear on this collection kit. The remaining licensed books for OS/390 Version 2 appear on the OS/390 Licensed Product Library, LK2T-2499, as unencrypted BookManager softcopy and PDF files.

This collection is updated quarterly with any new or updated books that are available for the product libraries included in it. If you have Version 2 Release 9 or above, you automatically receive these quarterly updates with Version 2.

- **OS/390 V2R10 PDF Library Collection**, SK2T-6718

Contains the unlicensed books for OS/390 Version 2 Release 10 in PDF (Portable Document Format). In addition, this collection also contains many of the summaries and reference cards in PDF format.

- **OS/390 Licensed Product Library**, LK2T-2499

Contains unencrypted BookManager softcopy licensed books for OS/390 Version 2 and PDF books for OS/390 Version 2 Release 7 and later. If any of the books on this collection are changed, it is updated quarterly. The OS/390 Licensed Product Library for Version 1 (LK2T-6702) is still available, but is no longer being updated. Many of the books that were licensed in Version 1 were declassified in Version 2 and appear on the OS/390 Online Library Collection.

When you order OS/390, the following collection is available for a fee:

- **System Center Publication IBM S/390 Redbooks Collection**, SK2T-2177

Contains over 300 ITSO redbooks in both BookManager and PDF formats that apply to the S/390 platform and to host networking. The books are arranged into subject bookshelves such as “Application Development and Enablement S/390” and “Networking S/390.” When the collection is ordered as a feature of OS/390, you receive a continuing subscription for a one-time price. The continuing subscription price includes automatic shipment of all updates made while the product version is in service.

If you select the SecureWay Security Server feature, the following CD-ROM is available for a fee:

- **OS/390 SecureWay Security Server RACF Information Package**, SK2T-2180

Includes ITSO redbooks, WSC orange books related to RACF system security, and over 600 key books for the OS/390 and VM operating systems and software products such as CICS and TSO/E that reference RACF and OS/390 SecureWay Security Server RACF, as well as multiple levels of RACF books. PDF files for OS/390 Security Server Version 2 Releases 5 and later, books are included on this collection kit. This collection also includes Related Installation materials (RIMs) for RACF, sample code, and other materials of interest to the RACF

Ordering Information

Security Administrator. When ordered as a feature of OS/390, you receive a continuing subscription for a one-time price. The continuing subscription price includes automatic shipment of all updates made while the product version is in service.

Hardcopy Books

When you order OS/390, you receive the following basic set of hardcopy books:

- OS/390 Installation Planning kit containing:
 - *OS/390 Introduction and Release Guide*
 - *OS/390 Planning for Installation*
 - *OS/390 Information Roadmap* (the book you are now reading)
 - *OS/390 Hot Topics Newsletter*
- A set of 35+ hardcopy books, which includes a number of planning and installation manuals, as well as some of the most-used books (such as the MVS Message books).

The symbol ***** after a title in the Book Descriptions chapter indicates that you automatically receive this book or kit when you order the product.

You can purchase about 50 additional hardcopy books with your order by specifying feature code 8007. This set of books includes the remainder of OS/390 books with messages and codes (not already included in the set that you automatically receive), and the other books that used to ship automatically with OS/390 Releases 6 through 8).

You also have the option to purchase subscriptions to the Redbook CD-ROM collection and the Security Server CD-ROM collection with your OS/390 product order.

You can order additional hardcopy books as described in “Ordering Additional Hardcopy Books or Softcopy Collections”. You can also order hardcopy books by using the IBM Publication Ordering System. For access to the IBM Publication Ordering System, see:

<http://www.ibm.com/shop/publications/order>

Another way to obtain hardcopy is to print the books provided in PDF on the OS/390 Internet library or the OS/390 V2R10 PDF Library Collection. For more information, see “Viewing and Printing OS/390 Softcopy Books” on page 5.

Ordering Additional Hardcopy Books or Softcopy Collections

The book you are reading, *OS/390 Information Roadmap* (GC28-1727), is distributed with OS/390 as part of the OS/390 Installation Planning kit. It provides descriptions of the OS/390 books and softcopy collections. It is helpful if you are planning to order additional hardcopy books or softcopy collections.

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- Access PUBORDER on the IBMLink application, either directly or through the World Wide Web at:
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Phone:

1-800-879-2755 (for ordering individual books or softcopy collections on CD-ROM)

1-800-426-2255 (for ordering a set of OS/390 books or subscriptions to softcopy collections on CD-ROM). You must state that you want to place an order using an OS/390 product feature number and mention the large systems software code number LE001 associated with HONE announcements.

Fax: 1-800-445-9269

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Internet:

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E-Mail:

pubs.ca.ibm.com

Direct mail:

IBM Canada Ltd.
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144 4th Avenue S.W.

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Calgary, Alberta
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Access to Online Information

Accessing OS/390 Books on the Internet

In addition to making softcopy books available on CD-ROM, IBM provides access to unlicensed OS/390 softcopy books on the Internet. To find OS/390 books on the Internet, first go to the OS/390 home page:

<http://www.ibm.com/s390/os390/>

From this Web site, you can link directly to the OS/390 softcopy books by selecting the Library icon. You can also link to IBM Direct to order hardcopy books.

Accessing Wizards on the Internet

If you'd like help with some of those complex tasks that you do infrequently, then check out our Web-based wizards. Our wizards are interactive assistants that ask you a series of questions about the task you want to do (for example, set up a Parallel Sysplex configuration) and then custom-build a checklist of steps for you to follow. For configuration tasks, our wizards also build customized JCL and other data sets for you to use.

The following wizards are available now:

- **OS/390 Planning Assistant for e-business**

Intended for the technical manager responsible for e-business planning, this wizard asks a few questions about your objectives and current configuration and then recommends a customized set of products and features for e-business on OS/390.

- **OS/390 V2R10 Installation Planning Assistant**

Migrating from one release of OS/390 to another? This wizard will help you build customized installation plans. It is an interactive version of the OS/390 Planning for Installation publication. Editions of this wizard are also available for each OS/390 release from Release 6 on.

- **S/390 ServerPac Ordering Assistant**

Concurrent with the availability of OS/390 Release 10, the S/390 ServerPac Ordering Assistant will be replaced by "ShopS390", a new, self-service, Web-based application. ShopS390 provides all of the existing function and much of the new function that current S/390 ServerPac Ordering Assistant users have requested. ShopS390 is available from the OS/390 "How to Buy" home page at:

<http://www.ibm.com/s390/os390/buy.html/>

- **SDSF Configuration Assistant**

Intended for those who want to exploit the new sysplex support in OS/390 V2R10 SDSF, this wizard builds tailored JCL, ISFPARMS statements, and RACF commands. It also provides a fast, tailored reference to the SAF resources, and associated RACF commands, that protect SDSF functions.

- **S/390 Parallel Sysplex Configuration Assistant**

Intended for those who are setting up a Parallel Sysplex for the first time, this wizard builds tailored instructions, jobs, and parmlib members for configuring a Parallel Sysplex. However, anyone can use the tool to test and verify parameters. Another useful tool is the S/390 Coupling Facility Structure Sizer (CFSizer), designed to size your Parallel Sysplex structures.

- **OS/390 UNIX Configuration Assistant**

This wizard builds two BPXPRMxx parmlib members, one with system processing parameters and one with file system statements. With the OS/390 V2R9 level of the wizard and above, sysplex users can build a single BPXPRMxx parmlib member to define all the file systems used by systems participating in shared HFS. The wizard also builds a batch job that does the initial RACF security setup for OS/390 UNIX. The wizard can be used by those who are installing OS/390 UNIX System Services for the first time, and by current OS/390 UNIX users, to verify settings.

For Internet access to any of these wizards, as well as to see the latest additions and updates, go to:

<http://www.ibm.com/s390/os390/wizards/>

Cross-Book Linking among OS/390 Books

OS/390 books include softcopy links that let you jump directly from one softcopy book to another. While reading an OS/390 book, you can place the cursor under the highlighted title of a referenced OS/390 book and press Enter to open that book. After searching and reading the related material, you can close the referenced book to return to the original book. For example, “Chapter 2. OS/390 Book Descriptions” on page 9 contains links to the softcopy books that it describes.

Cross-book linking works for OS/390 books in BookManager and in PDF form. For PDFs, the links are indicated by blue highlighting around a book reference, and the linking books must be in the same directory. For BookManager, cross-book linking is supported by BookManager READ/MVS on OS/390. The linked books must be uploaded to OS/390 and must be located on the same bookshelf, as described in the OS/390 Collection catalog.

Cross-book linking also works among OS/390 PDFs and BookManager books (served by BookServer) on the OS/390 internet library. Cross-book linking for books on CD-ROMs also works among books on the same disk.

Viewing and Printing OS/390 Softcopy Books

There are a number of ways that you can view and print OS/390 information, depending on your needs and what facilities are available to you. The OS/390 books are provided as both BookManager books and PDF files. IBM provides both the OS/390 Collection (BookManager format of the OS/390 books as well as books from many software products that run on OS/390) and the OS/390 PDF Collection (PDFs of the latest OS/390 release) as a basic part of our product order. Both softcopy formats (as well as a lot of additional books and information) are also available from the OS/390 Internet Library at <http://www.ibm.com/s390/os390/bkserv/>. A BookManager softcopy book is the same entity, regardless of the BookManager product that you are using or the operating system that you are using. The OS/390 product includes both BookManager READ and BookManager BookServer as base elements.

You can print PDF files using the Adobe Acrobat Reader available free on the Internet at: <http://www.adobe.com/prodindex/acrobat/>

The method that you use to access and potentially print books or sections of books will depend on whether your company has established its own softcopy repository of IBM information, or whether you are accessing the information on the Internet or from CD-ROM.

Ordering Information

Viewing Softcopy Information

Here are some common methods that you can use to view OS/390 softcopy information.

- If your company has established a softcopy repository on OS/390:
 - BookManager READ/MVS allows users on the OS/390 system to access and read books.
 - BookManager BookServer for MVS/ESA allows users to access and read books over an Internet or intranet connection using an HTML browser.
- If you are accessing the information from IBM's OS/390 Internet Library:
 - Almost all of the OS/390 books are provided as BookManager books, and they can be accessed and searched from your browser using the functions provided by BookManager BookServer.
 - Some books are provided as HTML files, and they can be accessed and searched using your browser functions.
 - The OS/390 books are also provided in PDF format. Although the primary purpose for providing these files is for printing, they can also be viewed online. When viewed online, many OS/390 PDFs contain cross-book links to other OS/390 books. The links (indicated by blue highlighting around a book reference) are active when the target book is in the same directory as the linking book. To link from one PDF to another, click on the highlighted title reference. Most PDFs also have selectable index entries, tables of contents, and cross-references to help you navigate within the book.
- If you are accessing the information from CD-ROM (such as the *OS/390 Collection*):
 - The BookManager softcopy can be viewed online using any of the supported IBM BookManager Library Readers or the new IBM Softcopy Reader, which can be installed from disc 1 of the OS/390 Collection. All these IBM readers allow you to read any BookManager book.
 - The PDF files can be viewed online using the Acrobat Reader. If you need information on installing and using an Acrobat Reader, see the Adobe web site at <http://www.adobe.com>.
- The books can also be accessed in repositories on many other operating system as well, by using the BookManager READ products or Acrobat Readers for those systems.

Printing Softcopy Information

If you decide you need some printed information (either sections of books or entire books), here are some common methods that you can use to print OS/390 softcopy information.

- If your company has established a softcopy repository on OS/390:
 - BookManager READ/MVS has a printing option. However, READ/MVS by itself will provide a lower quality print than printing from BookManager BookServer.
 - BookManager BookServer allows you to print using your browser's print functions. BookServer formats the information for your browser, and your browser handles the printing functions.
 - If you have a repository of PDFs on OS/390, OS/390 InfoPrint Server with the InfoPrint Transforms allows you to transform PDFs on OS/390 and print them on AFP printers.
- If you are accessing the information from IBM's OS/390 Internet Library:

Ordering Information

- Almost all of the OS/390 books are provided as BookManager books, and sections of the books can be printed using BookServer (to format) and your browser (to print).

To print, first open a book in the OS/390 library, then click on the printer icon to select topics for printing. After selecting topics, click on File and Print to select a printer and start printing. You can print the information on a PostScript printer or another printer that is defined to your web browser and print driver.

- Some books are provided as HTML files, and sections of these books can be printed using your browser functions.
- The OS/390 books are also provided in PDF format, and can be opened and viewed using the Acrobat Reader. You can then print selected pages or the entire book on a PostScript printer or another printer that is defined to your web browser and print driver.

The printed pages from the PDF files are similar to the pages in IBM's hardcopy books (for those books that can be separately ordered as hardcopy books).

- If you are accessing the information from the PDF CD-ROM Collection:
 - These books can be opened and viewed using the Acrobat Reader. You can then print selected pages or the entire book on a PostScript printer or another printer that is defined to your web browser and print driver.

The printed pages from the PDF files are similar to the pages in IBM's hardcopy books (for those books that can be separately ordered as hardcopy books).

Using OHELP to Access Softcopy Books for Online Help

Using the OHELP facility of OS/390 UNIX System Services, your installation can make OS/390 BookManager softcopy books available to TSO/E users for topic-level online help information. The users must be defined to OS/390 UNIX System Services, and you must define the books in the OHELP bookshelf to the OHELP facility. Once defined, users can invoke OHELP to search a specified book or the entire OHELP bookshelf for a string, such as a command name or message identifier or some text. OHELP lists the matches within the book or the bookshelf for that string. You can then select a matched topic and view it in the softcopy book.

See *OS/390 UNIX System Services Planning* for information on installing and customizing OHELP and *OS/390 UNIX System Services Command Reference* for information on using OHELP.

Chapter 2. OS/390 Book Descriptions

This section contains descriptions of the OS/390 publications, organized by element, starting with the system-level OS/390 books.

An asterisk (*****) after a title indicates that you automatically receive a hardcopy book when you order OS/390.

A dollar sign (**\$**) indicates that this book is in a set of books that you can order in hardcopy at an additional charge when you place your order for OS/390.

For individual books, the notation **SC** indicates that the book is available with OS/390 in PDF and BookManager softcopy only, and is not orderable in hardcopy. The notation **HC** indicates a book is available in hardcopy only; it is not available in BookManager softcopy, but might be available in PDF format. All others are available in both hardcopy and softcopy on a release boundary. Many books that are refreshed after a release becomes available are refreshed only in softcopy.

Each time a book is refreshed, whether in softcopy only or both in hardcopy and softcopy, the dash level of the book is increased. This means that sometimes you might not be able to order a hardcopy of the latest suffix level of a book that is available in hardcopy on OS/390 release boundaries (for example, if it was refreshed only in softcopy between OS/390 releases). See the book abstract for information on how to obtain softcopy. To order hardcopy, you might need to select a lower suffix level in these cases.

If you are reading this book in PDF or BookManager form, in the same directory or bookshelf with the softcopy books it refers to, you can open a referenced book in this section by placing the cursor under the highlighted title and pressing Enter.

OS/390 System-Level Books

This section describes documentation that applies to OS/390 as a whole, not to a specific element in OS/390.

OS/390 Installation Planning *****

GK2T-6710 Contains the following items to help users plan for and install OS/390.

- *OS/390 Introduction and Release Guide*
- *OS/390 Planning for Installation*
- *OS/390 Information Roadmap*
- *OS/390 Hot Topics Newsletter*

OS/390 Information Roadmap ***** (the book you are now reading)

GC28-1727 Describes the information associated with OS/390 including OS/390 system-level books and books for the participating elements and features. This book is included in the OS/390 Installation Planning kit.

OS/390 Introduction and Release Guide *****

GC28-1725

Describes the contents and benefits of OS/390 as well as the planned

packaging and delivery of the product. This book includes descriptions of the new functions in each release and is included in the OS/390 Installation Planning kit.

OS/390 Planning for Installation * *

GC28-1726

Helps you write an installation plan by providing the following information:

- Basics of OS/390
- Help for deciding on the software installation method
- Driving system software and hardware requirements
- Target system software and hardware requirements
- Service and other actions required to ensure toleration and coexistence
- Tables to help you determine whether migration actions are required
- Considerations for placing data sets on specific volumes
- Minimum levels of stand-alone products that run with OS/390

An installation plan skeleton is included in the book. This book is included in the OS/390 Installation Planning kit. For the interactive edition of this book, see the OS/390 V2R10 Installation Planning Assistant at:

<http://www.ibm.com/s390/os390/installation/>

OS/390 Hot Topics Newsletter * **HC**

GA22-7431

Contains articles about the delivery, installation, management, use, and documentation of OS/390 elements and features. This newsletter is included in the OS/390 Installation Planning kit.

OS/390 Licensed Program Specifications

GC28-1728

Provides the warranty for OS/390. Available in PDF format only.

OS/390 BookManager Hints and Tips

GC28-1987

Reference card listing some quick and easy ways to find information using OS/390 BookManager (READ/MVS). This card is shipped with the OS/390 Online Library Collection.

OS/390 Summary of Message Changes **SC**

GC28-1499

Describes the changes to messages for individual elements of OS/390.

Note: This book is provided in softcopy only on the message bookshelf of the OS/390 collection kit.

OS/390 DOC APAR and PTF ++HOLD Documentation

GA22-7821

Contains the latest information updates from OS/390 Documentation APARs and PTF cover letters. Updated weekly, this online document lists documentation changes before they are incorporated into OS/390 publications. This document is available only on the web, at:

<http://www.s390.ibm.com:80/bookmgr-cgi/bookmgr.cmd/BOOKS/IDDOCMST/CCONTENTS>

ServerPac: Using the Installation Dialog

SC28-1244

Contains information about using the CustomPac installation dialog to install an OS/390 ServerPac order.

This book is shipped only with ServerPac orders. It is not shipped with any of the other CustomPac offerings, such as SystemPac.

BDT

This section describes books for BDT, and the BDT File-to-File and BDT SNA NJE features. Information for the two features is included in the BDT books.

OS/390 BDT Commands

SC28-1744

Describes all BDT commands.

OS/390 BDT Diagnosis Reference

SY28-1081

Explains how to request and read a BDT formatted dump, explains how to find and read BDT information in an MVS SVC dump, and shows the layouts of BDT data areas.

OS/390 BDT Installation

SC28-1742

Explains how to define BDT to MVS and ACF/VTAM, allocate BDT and TQI data sets, write BDT initialization statements, write BDT and TQI start procedures, and write BDT user exit routines.

OS/390 BDT Messages and Codes **\$**

SC28-1745

Explains all BDT messages and completion codes.

OS/390 BDT Overview **SC**

GC28-1741

Introduces BDT.

BDT File-to-File

OS/390 BDT File-to-File Transaction Guide **SC**

SC28-1743

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

BookManager

This section describes books for BookManager BUILD and BookManager READ.

IBM BookManager BUILD/MVS: Installation Planning and Customization

SC38-2037

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

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

GC38-2032

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

BookManager

IBM BookManager READ/MVS: Installation Planning and Customization **\$**

SC38-2035

Helps users plan the installation of IBM BookManager READ for use in an OS/390 environment. It also explains how to customize BookManager READ, which lets you organize, display, and search online books.

IBM BookManager READ/MVS: Getting Started **SC**

SC38-2033

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: Displaying Online Books **SC**

SC38-2034

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

BookManager BookServer

This section describes books for BookManager BookServer.

IBM BookManager BookServer for MVS/ESA: Getting Started **SC**

SC34-3105

Describes the features of the BookManager BookServer product for MVS/ESA Web servers. It provides information for both administrators and users. With IBM BookManager BookServer, administrators can create a library of BookManager electronic books and make it available on the Internet. Users can read and search for information in these electronic books using any Web browser such as Netscape.

C/C++ Compiler and Library

This section describes books for the *C/C++ Compiler with Debugger* and the *C/C+plus Compiler without Debugger* features.

OS/390 C/C++ Compiler and Run-Time Migration Guide *****

SC09-2359

Provides information for programmers who are migrating to the OS/390 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 OS/390 C/C++ compilers; the C/370 libraries; and previous releases of Language Environment.

OS/390 C Curses

SC28-1907

Describes programming for the screen management orders known as curses.

OS/390 C/C++ Language Reference **SC**

SC09-2360

Provides reference information for the C and C++ programming languages as implemented in the OS/390 C/C++ compilers.

OS/390 C/C++ IBM Open Class Library Reference **SC**

SC09-2364

Contains reference information about the I/O Stream, Complex Mathematics, Collection, and Application Support Class Libraries.

OS/390 C/C++ IBM Open Class Library User's Guide

SC09-2363

Describes how to use the I/O Stream, Complex Mathematics, Collection, and Application Support Class Libraries.

OS/390 C/C++ Programming Guide

SC09-2362

Provides guidance on how to write C/C++ programs for the OS/390 C/C++ compiler and the C/C++ run-time library component of the OS/390 Language Environment.

OS/390 C/C++ Reference Summary **HC**

SX09-1313

Provides summary information on compiler options and pragmas, library functions, utilities, the fprintf/fscanf families of functions, and other useful information such as keywords, digraphs, trigraphs, data types, and the __amrc structure. It is a quick reference for programmers using the C/C++ compiler and the Language Environment run-time library.

OS/390 C/C++ Run-Time Library Reference

SC28-1663

Contains information for all OS/390 C/C++ library functions (except for OS/390 C Curses).

OS/390 C/C++ User's Guide

SC09-2361

Describes the processes of compiling, IPA linking, binding, prelinking and linking, and running both OS/390 C and OS/390 C++ programs. This book includes information on compiler options, listings, OS/390 C/C++ utilities, compiler messages, and program diagnosis.

Debug Tool User's Guide and Reference

SC09-2137

Explains how to use the Debug Tool.

Cryptographic Services

This section describes books for the OS/390 Cryptographic Services, which include:

- ICSF
- Open Cryptographic Services Facility
- System Secure Sockets Layer (SSL) base

OS/390 Open Cryptographic Services Facility Application Developer's Guide and Reference

SC24-5875

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.

Cryptographic Services

OS/390 Open Cryptographic Services Facility Service Provider Module Developer's Guide and Reference

SC24-5876

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.

OS/390 System Secure Sockets Layer Programming Guide and Reference

SC24-5877

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.

OS/390 ICSF Administrator's Guide **SC**

SC23-3975

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

OS/390 ICSF Application Programmer's Guide

SC23-3976

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

OS/390 ICSF Messages **\$**

SC23-3977

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

OS/390 ICSF Overview

GC23-3972

Introduces ICSF and provides information about the capabilities and benefits of using cryptographic services in an OS/390 environment.

OS/390 ICSF System Programmer's Guide **SC**

SC23-3974

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

OS/390 ICSF TKE Workstation User's Guide

SC23-3978

Explains how to use the optional Trusted Key Entry (TKE) workstation in conjunction with ICSF. The TKE feature provides a basic key management system. This book is shipped with the TKE workstation, and applies to TKE Versions 1 and 2.

OS/390 ICSF TKE Workstation User's Guide 2000

GA22-7430

Explains how to use the optional Trusted Key Entry (TKE) workstation in conjunction with ICSF. The TKE feature provides a basic key management system. This book is shipped with the TKE workstation, and applies to TKE Version 3.

DCE Application Support

This section describes books for Distributed Computing Environment (DCE) Application Support.

OS/390 DCE Application Support Programming Guide

SC24-5833

Helps software designers and programmers use the Application Support (AS) product to develop IBM Distributed Computing Environment (DCE) client/server applications. AS enables a client application to call Customer Information Control System/Enterprise Systems Architecture (CICS/ESA) application programs and Information Management System/Enterprise Systems Architecture (IMS/ESA) application programs. This book also describes the tasks for the application programmer, some of which are common to any client/server application in the OS/390 DCE environment.

OS/390 DCE Application Support Configuration and Administration Guide

SC24-5834

Describes how to configure and administer the Application Support (AS) server and the facilities that you use to accomplish these tasks. Configuring and administering the AS server on the OS/390 host system involves tasks that are performed on the CICS or IMS subsystem, as well as on OS/390 DCE. The configuration tasks are performed after installing the Application Support server to make it operational. Administration tasks are performed regularly to maintain the AS server.

DCE Base Services

This section describes books for DCE (formerly referred to as OpenEdition DCE) including:

- DCE Base Services
- DCE User Data Privacy (CDMF)
- DCE User Data Privacy (DES and CDMF)

OS/390 DCE Administration Guide

SC28-1584

Helps system and network administrators understand DCE, and administer it from the batch, TSO/E, and shell environments.

OS/390 DCE Application Development Guide: Core Components

SC28-1588

Assists programmers in developing applications using application facilities, threads, remote procedure call, distributed time service, and security service.

OS/390 DCE Application Development Guide: Directory Services

SC28-1589

Describes the DCE directory service and assists programmers in developing applications for the cell directory service and the global directory service.

DCE

OS/390 DCE Application Development Guide: Introduction and Style

SC28-1587

Assists in designing, writing, compiling, linking, and running distributed applications in the DCE environment.

OS/390 DCE Application Development Reference

SC28-1590

Explains the DCE Application Program Interfaces that you can use to write distributed applications on DCE.

OS/390 DCE Command Reference

SC28-1585

Provides reference information for the commands that system and network administrators use to work with DCE.

OS/390 DCE Configuring and Getting Started **\$**

SC28-1583

Helps system and network administrators configure DCE.

OS/390 DCE Introduction **SC**

GC28-1581

Introduces DCE. Whether you are a system manager, technical planner, system programmer, or application programmer, it will help you understand DCE, and evaluate the uses and benefits of including DCE as part of your information processing environment.

OS/390 DCE Messages and Codes **\$**

SC28-1591

Provides detailed explanations and recovery actions for the messages, status codes, and exception codes issued by DCE.

OS/390 DCE Planning *****

SC28-1582

Helps you plan for the organization and installation of DCE. It discusses the benefits of distributed computing in general, and describes how to develop plans for a distributed system in an OS/390 environment.

OS/390 DCE User's Guide

SC28-1586

Describes how to use DCE to work with your user account, use the directory service, work with namespaces, and change access to objects that you own.

DFSMS

This section describes books for:

- DFSMSdfp
- DFSMSdss
- DFSMShsm
- DFSMSrmm

OS/390 DFSMS Access Method Services for Catalogs *****

SC26-7326

Describes IDCAMS commands for using integrated catalog facility catalogs.

OS/390 DFSMS Checkpoint/Restart

SC26-7327

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

OS/390 DFSMSdfp Advanced Services **\$**

SC26-7330

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

OS/390 DFSMSdfp Diagnosis Guide

SY27-7610

Contains information for diagnosing DFSMSdfp-related errors, including instructions for building keyword strings to search for known component failures.

OS/390 DFSMSdfp Diagnosis Reference

SY27-7611

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

OS/390 DFSMSdfp Storage Administration Reference **\$**

SC26-7331

Contains instructions for initializing and maintaining the storage management subsystem and for performing storage management tasks using ISMF panels.

DFSMS/MVS DFM/MVS Guide and Reference

SC26-4915

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

OS/390 DFSMS Introduction

SC26-7344

Provides an overview of OS/390 DFSMS.

OS/390 DFSMS: Implementing System-Managed Storage

SC26-7336

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

OS/390 DFSMS Installation Exits **\$**

SC26-7392

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

OS/390 DFSMS Macro Instructions for Data Sets **\$**

SC26-7337

Contains access method macro instructions for processing user data sets.

OS/390 DFSMS: Managing Catalogs

SC26-7338

Describes techniques for managing integrated catalog facility catalogs.

DFSMS/MVS NaviQuest User's Guide

SC26-7194

Describes how to use the Navquest function of ISMF.

DFSMS

OS/390 DFSMS OAM Application Programmer's Reference

SC35-0390

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

OS/390 DFSMS OAM Planning, Installation, and Storage Administration Guide for Object Support

SC35-0391

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

OS/390 DFSMS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries

SC35-0392

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

OS/390 DFSMS Migration *

SC26-7329

Provides guidance for planning the installation of DFSMS and migration to new functions of DFSMSdftp, DFSMSshsm, DFSMSdss, and DFSMSrmm.

OS/390 DFSMS Program Management \$

SC27-0806

Contains instructions for using the binder, linkage editor, and loader to create, store, load, access, and update load modules and program objects.

DFSMS Advanced Copy Services

SC35-0355

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

DFSMS/MVS Support for the Magstar 3590 E1x Tape Drive SC

SC26-7316

Describes how to install and operate the IBM Magstar 3590 Model E1x tape drive.

DFSMS/MVS Support for the IBM Enterprise Storage Server

SC26-7318

Describes how to install and use Enterprise Storage Server.

OS/390 DFSMS: Using Data Sets \$

SC26-7339

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

OS/390 DFSMS: Using Magnetic Tapes

SC26-7341

Describes techniques for using magnetic tape volumes.

OS/390 DFSMS: Using the Interactive Storage Management Facility

SC26-7340

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

OS/390 DFSMS: Using the Volume Mount Analyzer

SC26-7342

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

OS/390 DFSMSdfp Utilities **\$****SC26-7343**

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

*MVS/ESA SML: Leading a Storage Administration Group***SC26-3126**

Provides guidance for setting up a storage administration group and planning for system-managed storage.

*MVS/ESA SML: Managing Data***SC26-3124**

Describes techniques for establishing and enforcing data set policies, managing active and inactive data, and providing data set security.

*MVS/ESA SML: Managing Storage Groups***SC26-3125**

Describes techniques for designing storage groups, making the transition to storage groups, and maintaining and monitoring the effectiveness of storage groups.

DFSMSdss*OS/390 DFSMSdss Diagnosis Guide***LY35-0113**

Provides diagnosis information for DFSMSdss, including keyword search strings and other diagnostic tools.

*OS/390 DFSMSdss Storage Administration Guide***SC35-0393**

Describes DFSMSdss tasks for copying, dumping, and restoring data sets and DASD volumes.

*OS/390 DFSMSdss Storage Administration Reference***SC35-0394**

Describes DFSMSdss commands, including syntax and coding examples.

DFSMShsm*OS/390 DFSMShsm Diagnosis Guide***LY35-0111**

Provides diagnosis information for DFSMShsm, including instructions for building keyword search strings and other diagnostic tools.

*OS/390 DFSMShsm Diagnosis Reference***LY35-0112**

Contains information about the DFSMShsm control blocks and data areas used during diagnostic and maintenance procedures.

*OS/390 DFSMShsm Implementation and Customization Guide***GC35-0385**

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

DFSMS

OS/390 DFSMSShsm Managing Your Own Data

SC35-0387

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

OS/390 DFSMSShsm Storage Administration Guide

SC35-0388

Describes DFSMSShsm tasks for managing storage, including examples of storage administrator commands and results of DFSMSShsm processing.

OS/390 DFSMSShsm Storage Administration Reference

SC35-0389

Contains DFSMSShsm storage management commands, including syntax and coding techniques.

DFSMS/MVS DFSMSShsm Storage Administration Reference Summary **HC**

SX35-5052

Provides a summary of DFSMSShsm storage management command syntax.

DFSMS/MVS DFSMSShsm User Commands Reference Summary **HC**

SX35-5053

Provides summary of DFSMSShsm user command syntax.

OS/390 DFSMSShsm Data Recovery Scenarios

GC35-0386

Contains information about disaster prevention and the recovery of DFSMSShsm data based on real experiences.

DFSMSrmm

OS/390 DFSMSrmm Application Programming Interface

SC26-7332

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

DFSMS/MVS DFSMSrmm Command Reference Summary **HC**

SX26-6020

Contains a description of the commands for DFSMSrmm.

OS/390 DFSMSrmm Diagnosis Guide

SY27-7612

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

OS/390 DFSMSrmm Guide and Reference **\$**

SC26-7333

Provides instructions for using DFSMSrmm to manage removable media.

OS/390 DFSMSrmm Implementation and Customization Guide **\$**

SC26-7334

Contains information about implementing and customizing the functions of DFSMSrmm.

OS/390 DFSMSrmm Reporting

SC26-7335

This book provides information about creating reports in DFSMSrmm using

DFSMSrmm reporting utilities, DFSORT and DFSORT's ICETOOL, DFSMSrmm TSO subcommands, and REXX EXECs.

DFSORT

This section describes books for DFSORT.

DFSORT Application Programming Guide R14

SC33-4035

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.

DFSORT Getting Started R14

SC26-4109

This book 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.

DFSORT Installation and Customization R14 **\$**

SC33-4034

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.

DFSORT Messages, Codes and Diagnosis Guide R14 **\$**

SC26-7050

This book 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.

DFSORT Panels Guide

GC26-7037

This guide provides you with a complete introduction to DFSORT panels. It includes customization, tutorial, and reference information about DFSORT panels.

DFSORT Reference Summary **HC**

SX33-8001

This book provides a summary of the information you need to prepare program and job control statements for DFSORT. The information is summarized from the *DFSORT Application Programming Guide*.

DFSORT Tuning Guide R14

SC26-3111

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.

Distributed File Service

This section describes books for the Distributed File Service (DFS).

OS/390 Distributed File Service DFS Administration Guide and Reference

SC28-1720

Introduces the OS/390 Distributed File Service, its services, features, and benefits. Provides overview material to help customers evaluate the product. Includes detailed information for administering DFS in an OS/390 environment. Contains the reference information for all commands and files used with the OS/390 Distributed File Service product.

OS/390 Distributed File Service Messages and Codes 

SC28-1724

Contains DFS messages and codes.

OS/390 Distributed File Service DFS Configuring and Getting Started 

SC28-1722

Summarizes configuration of OS/390 Distributed File Service and includes special instructions on operating DFS.

OS/390 Distributed File Service SMB Administration Guide and Reference 

SC24-5882

Provides guidance and reference information for system and network administrators to use when they work with the Server Message Block (SMB) support of the IBM OS/390 Distributed File Service base element of OS/390. SMB is a protocol for remote file/print access used by Windows.

Encina Toolkit

This section describes books for Encina Toolkit.

OS/390 Encina Toolkit Executive Guide and Reference

SC24-5832

Explains how to develop distributed transactional applications using the Encina Transactional C (Tran-C) programming language, the X/Open TX interface, or lower level Encina Toolkit Executive interfaces. It also provides Encina Toolkit Executive Reference material, including data types, application programming interfaces and messages.

OS/390 Encina Transactional RPC Support for IMS

SC24-5874

Describes Encina Transactional extensions to IMS that support outbound transactional RPC. It explains how to enable an IMS transaction to update IMS-controlled data and directly access resources on a remote Encina server, coordinating both sets of updates in a single commit scope.

eNetwork Communications Server

OS/390 IBM Communications Server replaces eNetwork Communications Server. See “IBM Communications Server” on page 26.

EREPEP

This section describes books for EREPEP.

EREPEP Reference **SC**

GC35-0152

Provides supplementary material to the User's Guide, including an overview of EREPEP parameters, control statements, and records; a listing of EREPEP messages and codes; examples of all types of output reports; and product dependent information about all supported IBM devices.

EREPEP User's Guide **SC**

GC35-0151

Contains detailed instructions and sample procedures for setting up and running EREPEP in VM, VSE, and MVS environments.

FFST

This section describes information for First Failure Support Technology (FFST).

FFST/MVS FFST/VM Operations Guide **SC**

SC31-8604

Describes commands for controlling FFST operation and how to use FFST output to identify and analyze software events.

GDDM

This section describes books for GDDM (including PCLK and OS/2 Link) and GDDM-REXX.

GDDM Base Application Programming Guide

SC33-0867

Contains guidance information for writing programs that request or receive the services of GDDM.

GDDM Base Application Programming Reference

SC33-0868

Contains complete descriptions of all the GDDM program calls and their parameters.

GDDM Diagnosis

SC33-0870

Contains problem determination procedures and information needed to diagnose problems encountered in the use of GDDM.

GDDM General Information **SC**

GC33-0866

Introduces the IBM GDDM series of licensed programs. It also describes new functions, ways in which GDDM is used, software and hardware requirements and the GDDM library.

GDDM/MVS Program Directory

GC33-1801

Provides information about installation, including planning, testing, and servicing GDDM information.

GDDM

GDDM Messages **\$**

SC33-0869

Provides the information that helps users respond to messages issued by GDDM.

GDDM System Customization and Administration **\$**

SC33-0871

Describes:

- How to set up and maintain device support for GDDM users
- The effects of GDDM's external defaults and how to customize them
- Code-page, font, and symbol-set support, and how to customize them
- Factors that affect GDDM performance and how to tune them
- How to replace modules

GDDM User's Guide

SC33-0875

Describes how to:

- Display data
- Manipulate displayed data
- Print and plot displayed data
- Save displayed data
- Install and use GDDM-PCLK and GDDM-OS/2 Link

GDDM Using the Image Symbol Editor

SC33-0920

Describes how to use the GDDM Image Symbol Editor to create and edit symbols.

GDDM-GKS Programming Guide and Reference **SC**

SC33-0334

Describes how to write and run application programs that use GDDM-GKS, the GDDM Graphical Kernel System licensed program.

GDDM Image View Utility

SC33-0479

Describes how to use GDDM-IVU interactively and how to use its application programming interface to add image-handling capabilities to data processing systems.

GDDM-PGF

This section describes books for GDDM-PGF.

GDDM-PGF Application Programming Guide **SC**

SC33-0913

Provides guidance information for users of GDDM-PGF application-programming interfaces:

- The Interactive Chart Utility (ICU)
- The ICU application programming interface
- The Presentation Graphics routines.

GDDM-PGF Interactive Chart Utility **SC**

SC33-0328

Describes how to use the ICU to create and display business graphics.

GDDM-PGF Vector Symbol Editor **SC**

SC33-0330

Describes how to use the Vector Symbol Editor to produce symbols and logos for use in charts and other business graphics.

GDDM-PGF OPS User's Guide **SC**

SC33-1776

Describes how to use the Online Presentation System (OPS) that is incorporated in GDDM-PGF Version 2.1.3. OPS can be used to:

- Create and display dynamic presentations online
- Create high quality foils and pictures
- View online conventional line-mode print files.

GDDM-PGF Programming Reference **SC**

SC33-0333

Provides reference information for users of the application-programming interfaces of GDDM-PGF.

Hardware Configuration Definition

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

OS/390 HCD Messages **\$**

GC28-1849

Describes the messages issued by HCD.

OS/390 HCD Planning **\$**

GC28-1750

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

OS/390 HCD Reference Summary **HC**

SX22-0043

Provides a short overview of the 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.

OS/390 HCD Scenarios **SC**

SC28-1850

Contains about 20 scenarios of common hardware configuration tasks.

OS/390 HCD User's Guide **\$**

SC28-1848

Explains, along with online information, how to use the Hardware Configuration Definition to define I/O configurations and eligible device tables to MVS.

Hardware Configuration Manager

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

OS/390 HCM User's Guide

SC33-6595

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

High Level Assembler

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

HLASM General Information

GC26-4943

Provides an overview of High Level Assembler.

HLASM Installation and Customization Guide

SC26-3494

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

HLASM Language Reference

SC26-4940

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

HLASM Programmer's Guide **\$**

SC26-4941

Contains High Level Assembler product usage information.

High Level Assembler Toolkit

HLASM Toolkit Feature Debug Reference Summary **HC**

GC26-8712

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

HLASM Toolkit Feature Interactive Debug Facility User's Guide

GC26-8709

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

HLASM Toolkit Feature Installation Guide **\$**

GC26-8711

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

HLASM Toolkit Feature User's Guide

GC26-8710

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

IBM Communications Server

This section describes books for the OS/390 IBM Communications Server.

OS/390 IBM Communications Server: IP Migration *****

SC31-8512

Helps you plan for IP, whether you are migrating from a previous version or installing OS/390 for the first time. It also identifies the suggested and required modifications needed to enable you to use the enhanced functions provided with IP.

OS/390 IBM Communications Server: IP Configuration Guide **\$**

SC31-8725

Contains concepts and guidance, explaining an overall approach to IP configuration.

OS/390 IBM Communications Server: IP Configuration Reference **\$**

SC31-8726

Describes parameters and options, syntax of statements and common IP commands used during configuration.

OS/390 IBM Communications Server: SNA Network Implementation Guide **\$**

SC31-8563

Presents the major concepts involved in implementing a SNA network.

OS/390 IBM Communications Server: SNA Resource Definition Reference **\$**

SC31-8565

Describes each SNA definition statement, start option, and macro instruction. It also describes NCP definition statements that affect SNA.

OS/390 eNetwork Communications Server: SNA Resource Definition Samples

SC31-8566

Contains sample definitions to help you implement SNA functions in your networks, and includes sample major node definitions.

OS/390 IBM Communications Server: SNA Operation **\$**

SC31-8567

Serves as a reference for programmers and operators who need detailed information about specific operator commands. The information includes:

- SNA commands and start options
- Logon manager commands
- DISPLAY output examples
- VSCS commands.

OS/390 SecureWay Communications Server: Quick Reference **HC**

SX75-0121

Contains essential information about SNA and IP operator commands.

OS/390 IBM Communications Server: SNA Customization **SC**

LY43-0110

Provides information that enables you to customize SNA by modifying tables and creating installation-wide exit routines.

OS/390 IBM Communications Server: IP User's Guide **SC**

GC31-8514

Describes the end user and system administrator functions and commands supported by IP.

OS/390 IBM Communications Server: SNA Diagnosis V1 Techniques and Procedures

LY43-0079

Helps you identify a SNA problem, classify it, and collect information about it before you call the IBM Support Center. The information collected includes traces, dumps, and other problem documentation.

OS/390 IBM Communications Server: SNA Diagnosis V2 FFST Dumps and the VIT

SC

IBM Communications Server

LY43-0080

Helps you identify a SNA problem, classify it, and collect information about it before you call the IBM Support Center. The information collected includes using FFST dumps and interpreting VIT records.

OS/390 IBM Communications Server: IP Diagnosis

SC31-8521

Provides information about diagnosing problems occurring in IP networks. It can help you determine if a specific problem is an IP problem and also tells you how to report it to the IBM Software Support Center.

OS/390 IBM Communications Server: SNA Messages *

SC31-8569

Describes messages, beginning with the prefixes ELM, IKT, IST, ISU, IUT, IVT and USS, and other information associated with SNA messages.

OS/390 IBM Communications Server: IP Messages Volume 1 (EZA) *

SC31-8517

Describes the messages beginning with the prefix EZA that occur in IP. This book can also help with problem determination in an IP implementation.

OS/390 IBM Communications Server: IP Messages Volume 2 (EZB) *

SC31-8570

Describes the messages beginning with the prefix EZB that occur in IP. This book can also help with problem determination in an IP implementation.

OS/390 IBM Communications Server: IP Messages Volume 3 (EZY-EZZ-SNM) *

SC31-8674

Describes the messages beginning with the prefixes: EZY, EZZ, and SNM that occur in IP. This book can also help with problem determination in an IP implementation.

OS/390 IBM Communications Server: IP and SNA Codes *

SC31-8571

Describes the codes associated with SNA and IP.

OS/390 eNetwork Communications Server: SNA Programmers LU 6.2 Reference

SC

SC31-8568

Provides reference material for the SNA LU 6.2 programming interface for host application programs.

OS/390 eNetwork Communications Server: SNA Programmers LU 6.2 Guide **SC**

SC31-8581

Describes the SNA LU 6.2 programming interface for host application programs. It applies to programs that use LU 6.2 sessions.

OS/390 IBM Communications Server: IP Programmer's Reference **SC**

SC31-8515

Describes the syntax and use of high-level application functions that enable you to write your own applications in a IP environment. The functions include authenticating access, use of distributed databases, distributed processing, network management, and device sharing (SNMP, X Windows, RPC, and NCS).

OS/390 IBM Communications Server: IP Application Programming Interface Guide

SC

SC31-8516

Describes the syntax and options of the socket calls for the C, REXX, Assembler, PL/1, COBOL, PASCAL languages. It also documents how to use the VMCF and XTI interfaces.

OS/390 Secureway Communications Server: IP CICS Sockets Guide **SC**

SC31-8518

Describes how to set up, write application programs for, and diagnose problems with the socket interface for CICS using IP.

OS/390 eNetwork Communications Server: IP IMS Sockets Guide **SC**

SC31-8519

Describes how to write application programs that use the IMS IP application development services provided by IP.

OS/390 IBM Communications Server: SNA Programming **SC**

SC31-8573

Describes how to use SNA macro instructions to send data to and receive data from a terminal or another application.

OS/390 eNetwork Communications Server: CSM Guide **SC**

SC31-8575

Describes how to use the communications storage manager.

OS/390 IBM Communications Server: CMIP Services and Topology Agent Guide

SC

SC31-8576

Describe the Common Management Information Protocol (CMIP) programming interface for application programmers to use in coding CMIP application programs. This book provides guide and reference information about CMIP services and the SNA topology agent.

OS/390 eNetwork Communications Server: AnyNet Sockets over SNA **SC**

SC31-8577

Describes the primary tasks involved with installing, configuring, operating, and diagnosing the AnyNet Sockets over SNA.

OS/390 eNetwork Communications Server: AnyNet SNA over TCP/IP **SC**

SC31-8578

Describes the primary tasks involved with installing, configuring, operating, and diagnosing the AnyNet SNA over IP.

OS/390 eNetwork Communications Server: APPC Application Suite User's Guide

SC

GC31-8619

Documents the end-user interface (concepts, commands, and messages) for the AFTP, ANAME, and APING facilities of the APPC application suite.

OS/390 eNetwork Communications Server: APPC Application Suite Administration

SC

SC31-8620

Contains information that administrators need to configure the APPC Application Suite and servers.

IBM Communications Server

OS/390 eNetwork Communications Server: APPC Application Suite Programming

SC
SC31-8621

Describes how application programmers can add the functions of the AFTP and ANAME APIs to their application programs.

OS/390 IBM Communications Server: SNA Migration *

SC31-8622

Helps you plan for SNA whether you are migrating from a previous release or installing SNA for the first time. It summarizes what is new in the release and identifies the suggested and required modifications needed to use the enhanced functions.

OS/390 eNetwork Communications Server: IP Network Print Facility **SC**

SC31-8522

Describes how to customize and use a print feature for IP. This feature takes print requests from a SNA or JES and uses IP to route them to remote printers.

OS/390 IBM Communications Server: SNA Data Areas Volume 1 **SC**

LY43-0111

Describes SNA data areas and can be used to read a SNA dump. It is intended for IBM programming service representatives and customer personnel who are diagnosing problems with SNA. This volume includes request response units, GDS variable session keys, control vectors and CSM data areas.

OS/390 IBM Communications Server: SNA Data Areas Volume 2 **SC**

LY43-0112

Describes SNA data areas and can be used to read a SNA dump. It is intended for IBM programming service representatives and customer personnel who are diagnosing problems with SNA.

IBM HTTP Server

This section describes books for the IBM HTTP Server (formerly part of WebSphere Application Server.)

HTTP Server Planning, Installing, and Using V5.3 for OS/390 **SC**

SC31-8690

This book explains how to plan for, install, configure, and use the IBM HTTP Server. The Programming section explains how to write external programs that interact with the HTTP server using the Common Gateway Interface (CGI), Go Webserver API (GWAPI), or LDAP API. The most current version of this book is available on the Web site at URL:

<http://www.ibm.com/software/webservers/httpservers/doc53.html>

Web Traffic Express for Multiplatforms User's Guide V1.0 **SC**

GC31-8645

Describes IBM's proxy server support for the IBM HTTP Server. Before using this book, refer to the HTTP Server Planning, Installing, and Using book section on running your server as a proxy

ICKDSF

This section describes the book provided for ICKDSF.

Device Support Facilities User's Guide and Reference

GC35-0033

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.

ICSF

For a description of the ICSF books, see "Cryptographic Services" on page 13.

Infoprint Server

This section describes books for Infoprint Server, which is comprised of Print Interface, IP PrintWay, and NetSpool.

OS/390 Infoprint Server Introduction 

G544-5696

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

OS/390 Infoprint Server Customization

G544-5694

Describes for the system administrator how to configure Infoprint Server and all of its components, including Print Interface, NetSpool, and IP PrintWay.

OS/390 Infoprint Server Operation and Administration

S544-5693

Describes for the operator and system administrator how to operate Infoprint Server and all of its components, and how to set up and maintain the consolidated Printer Inventory, which contains all printer information required by Infoprint Server and its components.

OS/390 Infoprint Server Messages and Diagnosis

G544-5690

Contains messages and abend codes issued by Infoprint Server, including all NetSpool, IP PrintWay, and Print Interface messages. It also describes how to diagnose problems in Infoprint Server.

OS/390 Infoprint Server Migration

G544-5697

Describes for the system administrator how to migrate from the OS/390 Print Server and its components (Print Interface, NetSpool, and IP PrintWay). It describes how to use the Infoprint Server migration program to consolidate printer definitions in the Printer Inventory and how to perform other manual migration tasks.

OS/390 Infoprint Server User's Guide

S544-5692

Describes for the end user how to submit print jobs to Infoprint Server using JCL, TCP/IP commands, the AOPPRINT JCL procedure, OS/390 UNIX

System Services commands (lp, lpstat, cancel), the Printer Port Monitor for Windows, and Internet Printing Protocol(IPP).

ISPF

This section describes books for ISPF.

OS/390 ISPF Dialog Developer's Guide and Reference

SC28-1273

Provides information about:

- Controlling ISPF sessions
- Using ISPF facilities and services when writing dialogs
- Creating ISPF panels using Dialog Tag Language (DTL)
- Defining ISPF panel messages and file tailoring skeletons
- Creating help and tutorial panels
- ISPF support of CUA guidelines
- Extended code page support
- Character and terminal translate tables
- The ISPF dialog function pool
- System variables
- Problem diagnostics

OS/390 ISPF Dialog Tag Language Guide and Reference

SC28-1219

Provides information about:

- Introductory Dialog Tag Language (DTL) concepts
- How to use DTL
- Application panel design
- Variables
- Application panel fields
- Information regions and help panels
- Messages
- Conversion Utility
- DTL tags

OS/390 ISPF Edit and Edit Macros

SC28-1312

Describes:

- Using the PDF editor
- Writing edit macros
- Sample edit macros
- Error handling and edit macro testing
- The edit line, primary, and macro commands available for ISPF

OS/390 ISPF Library Management Facility

SC28-1317

Describes:

- Library Management Facility concepts
 - Creating a controlled project
 - Establishing a project, a library, and member controls
 - Maintaining a controlled project
- Accessing, modifying, and promoting controlled library members

OS/390 ISPF Messages and Codes

GC28-1326

Provides a list of error messages and codes issued by ISPF. These

messages and codes are accompanied by return codes and explanations as well as appropriate user and system administrator responses.

OS/390 ISPF Planning and Customizing 

SC28-1298

Describes planning, installing, and modifying ISPF.

OS/390 ISPF Reference Summary

SC28-1308

Provides a quick reference to command, service, macro, and DTL tag information.

OS/390 ISPF Services Guide

SC28-1272

Contains:

- An overview of, general usage information about, and a description of the ISPF services, including syntax, return codes, and examples of how each service is invoked
- Examples of using ISPF services to develop dialogs

OS/390 ISPF Software Configuration and Library Manager Project Manager's and Developer's Guide

SC34-4750

Provides:

- Information on program functions
- An explanation of the architecture
- Administrative and diagnostic functions
- SCLM database definition
- Information on how to establish and monitor an SCLM database
- Information on library functions

OS/390 ISPF Software Configuration and Library Manager Reference

SC28-1320

Provides reference information for translators and macros.

OS/390 ISPF User's Guide Volume I 

SC34-4791

Contains:

- Introductory information about using ISPF, including how to exploit the OS/390 ISPF user interface, how to use referral lists, libraries, and data sets, and how to prepare to run on MVS
- A description of ISPF commands
- Requirements for installing the ISPF Client/Server component
- APL and TEXT character conversion information
- Lists of abbreviations for commands, field values, keywords/operands, scroll amounts, and programming languages
- A description of allocation data sets
- Examples of output listing formats

OS/390 ISPF User's Guide Volume II 

SC34-4792

Contains:

- Information about using ISPF options
- Descriptions of the SuperC and Search-For programs
- Examples of SuperC output listing formats

This section describes books for JES2.

OS/390 JES2 Commands *

GC28-1790

Provides the system console operator and system programmer with the information required to control JES2. The book 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.

OS/390 JES2 Commands Summary HC

GX22-0041

Summarizes the information in *OS/390 JES2 Commands*.

OS/390 JES2 Data Areas, Volumes 1–3 SC

SY28-1096

OS/390 JES2 Data Areas, Vol 1 \$ALINDEX-\$EVT

SY28-1097

OS/390 JES2 Data Areas, Vol 2 \$FCLWORK-\$OUTWORK

SY28-1098

OS/390 JES2 Data Areas, Vol 3 \$PADDR-\$XRQ

Contain mappings of data areas to be used by system programmers for JES2 problem analysis.

OS/390 JES2 Diagnosis

SY28-1086

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

OS/390 JES2 Initialization and Tuning Guide

SC28-1791

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 book, *OS/390 JES2 Initialization and Tuning Reference* describes the JES2 initialization statements in detail.

OS/390 JES2 Initialization and Tuning Reference *

SC28-1792

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

OS/390 JES2 Installation Exits

SC28-1793

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.

OS/390 JES2 Introduction SC

GC28-1794

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.

OS/390 JES2 Macros

SC28-1795

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

OS/390 JES2 Messages *

GC28-1796

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

OS/390 JES2 Migration *

GC28-1797

Provides information about migrating from earlier versions of JES2.

JES3

This section describes books for JES3.

OS/390 JES3 Commands *

GC28-1798

Describes the commands used to operate JES3 and provides system operators and system programmers with the information required to control JES3. This book 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.

OS/390 JES3 Commands Summary **HC**

GX22-0042

Summarizes information presented in *OS/390 JES3 Commands*.

OS/390 JES3 Migration *

GC28-1799

Contains coexistence and migration considerations when migrating from previous versions of JES3.

OS/390 JES3 Customization

SY28-1089

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

OS/390 JES3 Data Areas, Volumes 1–4 **SC**

SY28-1179

OS/390 JES3 Data Areas, Volume 1

SY28-1180

OS/390 JES3 Data Areas, Volume 2

SY28-1181

OS/390 JES3 Data Areas, Volume 3

SY28-1182

OS/390 JES3 Data Areas, Volume 4

JES3

Contain mappings of data areas to be used by system programmers for JES3 problem analysis.

OS/390 JES3 Diagnosis

SY28-1090

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

OS/390 JES3 Diagnosis Reference

SY28-1092

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

OS/390 JES3 Initialization and Tuning Guide

SC28-1802

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

OS/390 JES3 Initialization and Tuning Reference *

SC28-1803

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

OS/390 JES3 Introduction **SC**

GC28-1808

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

OS/390 JES3 Messages *

GC28-1804

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

Language Environment

This section describes books for Language Environment.

OS/390 Language Environment Concepts Guide

GC28-1945

Introduces the Language Environment architecture, a system of constructs and interfaces that provides a common run-time environment and run-time services for all Language Environment-conforming programming language products (those products that adhere to Language Environment's common interface).

OS/390 Language Environment Run-Time Migration Guide *

SC28-1944

Provides an overview of the steps required to migrate applications for use with OS/390 Language Environment. This book is designed to help you create a broad migration strategy. This book will help you identify which modules can be migrated first, and which will require relinking or recompiling. It also explains how to use Language Environment run-time options to achieve behavior that is compatible with your old modules.

Language Environment

The following run-time migration guides for specific languages are also provided in softcopy on the OS/390 Online Collection.

- *OS/390 C/C++ Compiler and Run-Time Migration Guide* (SC09-2359)
- *COBOL for OS/390 & VM Compiler and Run-Time Migration Guide* (GC26-4764)
- *Language Environment for MVS & VM Fortran Run-Time Migration Guide* (SC26-8499)
- *PL/I for MVS & VM Compiler and Run-Time Migration Guide* (SC26-3118)
- *VisualAge PL/10 for OS/390 Compiler and Run-Time Migration Guide* (SC26-9474).

OS/390 Language Environment Customization

SC28-1941

Explains how to customize and maintain Language Environment for OS/390.

OS/390 Language Environment Programming Guide

SC28-1939

Describes how to:

- Prelink, link, and run (under MVS, TSO/E, VM, or OS/390 UNIX System Services) single-language applications written in IBM C, C++, COBOL, PL/I, Fortran, and assembler.
- Effectively use Language Environment callable services and run-time options.
- Understand and use Language Environment initialization and termination, program management, storage management, condition handling, NLS, Date/Time, and locale support.

OS/390 Language Environment Programming Reference

SC28-1940

Provides application programmers with a detailed description of each Language Environment run-time option and callable service, as well as information on how to use them. It also provides programming examples that illustrate how each callable service can be used in routines written in Language Environment-conforming high-level languages (HLLs) and assembler language.

OS/390 Language Environment Writing Interlanguage Applications

SC28-1943

Describes how to create and run applications that contain interlanguage communication with Language Environment.

OS/390 Language Environment Debugging Guide and Run-Time Messages

SC28-1942

Explains how to debug applications that run with Language Environment, get details on run-time messages, and diagnose problems with Language Environment. Provides assistance with detecting and locating programming errors that occur during run time under Language Environment. It can help you establish a debugging process to analyze data and narrow the scope and location of where an error might have occurred. You can read about how to prepare a routine for debugging, how to classify errors, and how to

Language Environment

use the debugging facilities Language Environment provides. Also included are chapters on debugging HLL-specific routines and routines that run under CICS.

OS/390 Language Environment Vendor Interfaces

SY28-1152

Documents the set of low-level interfaces, or compiler-writer interfaces (CWIs), that can be used between the common run-time component and C, C++, COBOL, Fortran, PL/I, VisualAge PL/I, and other member run-time components of Language Environment.

LANRES

This section describes books for LANRES.

OS/390 LANRES Installation Guide **\$**

GC28-1736

Describes how to install and use LANRES.

OS/390 LANRES Configuration Files and Commands

SC28-1735

Describes LANRES configuration files and commands.

MVS

This section describes books for MVS.

OS/390 MVS Conversion Notebook *****

GC28-1747

For the MVS element of OS/390, describes:

- Changes to externals (such as macros, callable services, system commands, and others)
- Enhancements to the MVS element of OS/390
- MVS-specific migration actions the user must take when converting to the current release.

OS/390 MVS Data Areas, Volumes 1–5 **SC**

SY28-1164

OS/390 MVS Data Areas, Vol 1 (ABEP-DALT)

SY28-1165

OS/390 MVS Data Areas, Vol 2 (DCCB-ITZYRETC)

SY28-1166

OS/390 MVS Data Areas, Vol 3 (IVT-RCWK)

SY28-1167

OS/390 MVS Data Areas, Vol 4 (RD-SRRA)

SY28-1168

OS/390 MVS Data Areas, Vol 5 (SSAG-XTLST)

Contain mappings of data areas to be used by system programmers for problem analysis.

OS/390 MVS Device Validation Support **SC**

GC28-1748

Describes the requirements for I/O devices that MVS/ESA does not support.

OS/390 MVS Diagnosis: Procedures

SY28-1082

Provides step-by-step procedures for programmers to use when diagnosing problems that appear to be caused by IBM programs. The book describes how to isolate a problem as well as what data to collect before calling the IBM Support Center.

OS/390 MVS Diagnosis: Reference

SY28-1084

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.

OS/390 MVS Diagnosis: Tools and Service Aids

SY28-1085

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.

OS/390 MVS Dump Output Messages **\$**

GC28-1749

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

OS/390 MVS Initialization and Tuning Guide

SC28-1751

Contains information about tasks related to MVS initialization, with a major focus on the use of SYS1.PARMLIB to manage system resources. Its companion book, *OS/390 MVS Initialization and Tuning Reference*, describes the members of SYS1.PARMLIB in detail.

OS/390 MVS Initialization and Tuning Reference *****

SC28-1752

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.

OS/390 MVS Installation Exits

SC28-1753

Describes the installation exits available for modifying the MVS element of OS/390.

OS/390 MVS IPCS Commands

GC28-1754

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

OS/390 MVS IPCS Customization

GC28-1755

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

*OS/390 MVS IPCS User's Guide***GC28-1756**

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

OS/390 MVS JCL Reference ***GC28-1757**

Describes how to code JCL, JES2, and JES3 control statements needed to perform the job control tasks presented in *OS/390 MVS JCL User's Guide*.

*OS/390 MVS JCL User's Guide***GC28-1758**

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 book, *OS/390 MVS JCL Reference*, provides JCL coding information.

*OS/390 MVS Planning: APPC/MVS Management***GC28-1807**

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.

*OS/390 MVS Planning: Global Resource Serialization***GC28-1759**

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

*OS/390 MVS Planning: Operations***GC28-1760**

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.

OS/390 MVS Planning: Workload Management ***GC28-1761**

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

OS/390 MVS Product Management \$**GC28-1730**

Explains two usage pricing methods for OS/390: S/390 Usage Pricing and Measured Usage License Charges. Also explains OS/390 dynamic enablement externals for a product administrator. The book 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.

*OS/390 MVS Programming: Assembler Services Guide***GC28-1762**

Describes how to use MVS services for unauthorized assembler language programs. This book 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 book is a good place to start.

Its companion book, *OS/390 MVS Programming: Assembler Services Reference*, describes coding the macros that invoke these MVS services.

OS/390 MVS Programming: Assembler Services Reference

GC28-1910

Describes 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.

OS/390 MVS Programming: Authorized Assembler Services Guide

GC28-1763

Describes how to use MVS services for authorized assembler language programs. Its companion books, *OS/390 MVS Programming: Authorized Assembler Services Reference, Volumes 1–4*, describe coding the macros that invoke these services.

OS/390 MVS Programming: Authorized Assembler Services Reference, Volumes 1–4

GC28-1764

*OS/390 MVS Programming: Authorized Assembler Services Reference
ALE-DYN*

GC28-1765

*OS/390 MVS Programming: Authorized Assembler Services Reference
ENF-IXG*

GC28-1766

*OS/390 MVS Programming: Authorized Assembler Services Reference
LLA-SDU*

GC28-1767

*OS/390 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.

OS/390 MVS Programming: Callable Services for HLL

GC28-1768

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.

OS/390 MVS Programming: Extended Addressability Guide **SC**

GC28-1769

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.

OS/390 MVS Programming: JES Common Coupling Services

GC28-1770

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.

OS/390 MVS Programming: Product Registration

GC28-1729

Provides guidance and reference information for the OS/390 registration

callable services, which are used to register an OS/390 element or prepare an optional OS/390 feature for dynamic enablement.

OS/390 MVS Programming: Resource Recovery

GC28-1739

Describes how to use recoverable resource management services (RRMS) in a resource manager that provides access to protected resources. Resource recovery services (RRS), a system component, is the OS/390 sync-point manager. While this book is primarily for experienced programmers, it also describes managing RRS at an installation, including information about using system logger with RRS and running RRS.

OS/390 MVS Programming: Sysplex Services Guide

GC28-1771

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 coupling facility.

OS/390 MVS Programming: Sysplex Services Reference

GC28-1772

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 coupling facility.

OS/390 MVS Programming: Workload Management Services

GC28-1773

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

OS/390 MVS Programming: Writing Servers for APPC/MVS

GC28-1774

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

OS/390 MVS Programming: Writing TPs for APPC/MVS

GC28-1775

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

OS/390 MVS Programming: Writing Transaction Schedulers for APPC/MVS

GC28-1776

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

OS/390 MVS Recovery and Reconfiguration Guide

GC28-1777

Describes how to develop procedures to use for reconfiguration or for recovery from a hardware or software error. The focus of this book is on restarting the workload rather than on determining the cause of the problem.

OS/390 MVS Routing and Descriptor Codes 

GC28-1778

Lists the message identifier and associated routing and descriptor codes for various system messages.

*OS/390 MVS Setting Up a Sysplex***GC28-1779**

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 coupling facility.

OS/390 MVS System Codes ***GC28-1780**

Describes system completion and wait state codes.

OS/390 MVS System Commands ***GC28-1781**

Describes the system commands available to control an MVS system.

OS/390 MVS System Commands Summary HC**GX22-0040**

Contains summary information that is fully explained in *OS/390 MVS System Commands*.

*OS/390 MVS System Data Set Definition***GC28-1782**

Explains how to define system data sets for an MVS system.

*OS/390 MVS System Management Facilities (SMF)***GC28-1783**

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.

OS/390 MVS System Messages, Volumes 1–5 ***GC28-1784**

OS/390 MVS System Messages, Vol 1 (ABA-ASA)

GC28-1785

OS/390 MVS System Messages, Vol 2 (ASB-ERB)

GC28-1786

OS/390 MVS System Messages, Vol 3 (EWX-IEB)

GC28-1787

OS/390 MVS System Messages, Vol 4 (IEC-IFD)

GC28-1788

OS/390 MVS System Messages, Vol 5 (IGD-IZP)

Describe the messages issued by MVS and other OS/390 elements, and suggests appropriate operator, system programmer, and application programmer responses.

OS/390 MVS Using the Functional Subsystem Interface SC**SC28-1911**

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

OS/390 MVS Using the Subsystem Interface **SC**
SC28-1789

Provides information needed both to write a subsystem and to invoke subsystem services. This book 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 books for Network File System.

OS/390 Network File System Customization and Operation **\$**
SC26-7253

Describes techniques for customizing and operating the OS/390 Network File System server.

OS/390 Network File System Performance Tuning Guide
SC26-7255

Provides constraint analysis and verification of the performance of the OS/390 Network File System server. This book includes information about diagnosing and tuning your system.

OS/390 Network File System User's Guide
SC26-7254

Contains instructions for accessing and creating MVS/ESA data sets from an AIX, UNIX, OS/2, or DOS environment using NFS protocol.

Open Systems Adapter Support Facility

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

OSA/SF User's Guide for OSA-2
SC28-1855

Describes OSA/SF in a task-oriented manner from startup through messages and problem determination procedures.

OSA Planning
GC23-3870

Discusses both the hardware and software aspects of OSA and OSA/SF planning, excluding OSA physical installation planning. OSA is an integrated channel that provides direct connectivity between S/390 servers and the LAN clients that are supported by OSA/SF.

OSA-Express Customer's Guide and Reference
SA22-7403

Describes the Open Systems Adapter-Express (OSA-Express) features and the Open Systems Adapter Support Facility (OSA/SF) with the goal of helping you to define, install, and use these products.

Parallel Sysplex

This section describes books for Parallel Sysplex. For help setting up a Parallel Sysplex, see the online S/390 Parallel Sysplex Configuration Assistant, available at: <http://www.ibm.com/s390/pso/psotoo1/>

OS/390 Parallel Sysplex Application Migration

GC28-1863

Contains planning considerations for the parallel processing of applications that run on Customer Information Control System (CICS)/ESA and Information Management System (IMS)/ESA.

OS/390 Parallel Sysplex Overview

GC28-1860

Provides an overview of the sysplex and coupling facility data sharing. It describes basic concepts and the value of the sysplex to your business. This book also contains a task roadmap to guide you through information for the parallel sysplex, including program product information for CICS Transaction Server, IMS/ESA, and DB2.

OS/390 Parallel Sysplex Test Report

GC28-1963

Describes cross-product and integrated testing in a Parallel Sysplex, and includes testing of elements and features of OS/390 that are not necessarily sysplex oriented. It documents the efforts of a team of IBM S/390 testers and system programmers simulating a customer production environment.

Previous levels of this book are available in hardcopy. Consult the book abstract for GC28-1963 on the publication ordering system for complete information about obtaining hardcopy. All editions of this book are available on the OS/390 Integration Test Web site at:

<http://www.ibm.com/s390/os390/support/os390tst/>

OS/390 Parallel Sysplex Recovery

GA22-7286

Provides information about Parallel Sysplex recovery scenarios executed by the same team that publishes the *OS/390 Parallel Sysplex Test Report*, including system, subsystem, and coupling facility recovery. Describes how to be prepared for potential problems in a Parallel Sysplex, what the indicators are to let you know there's a problem, and what actions to take to recover.

This book, along with all editions of the *OS/390 Parallel Sysplex Test Report*, is available on the OS/390 Integration Test Web site at:

<http://www.ibm.com/s390/os390/support/os390tst/>

RMF

This section describes books for Resource Measurement Facility.

RMF Report Analysis

SC28-1950

Describes the content of all Resource Measurement Facility reports.

RMF Diagnosis Guide **SC**

SC33-6592

Provides a guide for diagnosing problems related to Resource Measurement Facility.

RMF Performance Management Guide

SC28-1951

Describes how to optimize performance management.

RMF Messages and Codes **\$**

Resource Measurement Facility

GC28-1948

Explains messages.

RMF Reference Summary

SX22-0044

Describes all Resource Measurement Facility commands and options.

RMF User's Guide **\$**

SC28-1949

Describes all relevant tasks belonging to performance management.

RMF Programmer's Guide

SC28-1952

Describes Resource Measurement Facility programming interfaces.

RMF NewsFLASH **SC**

SC28-1986

Provides most current information about RMF and RMF-related tools.

SDSF

This section describes books for SDSF.

OS/390 SDSF Guide and Reference

SC28-1622

Describes how to use SDSF, giving panel descriptions, explanation of commands and messages and codes. Intended for end users and operators.

OS/390 SDSF Customization and Security

SC28-1623

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

For help in migrating to the sysplex support that is new with Release 10, see the SDSF Configuration Assistant at:

<http://www.ibm.com/s390/os390/wizards>

SecureWay Security Server

This section describes books for the OS/390 SecureWay Security Server, which is comprised of RACF, the DCE Security Server, the OS/390 Firewall Technologies, Lightweight Directory Access Protocol (LDAP), and Open Cryptographic Enhanced Plug-ins (OCEP).

OS/390 Security Server (DCE) Overview **SC**

GC28-1938

Describes the DCE security server and provides a roadmap for DCE security server information in the OS/390 DCE library.

OS/390 SecureWay Security Server RACF Auditor's Guide

SC28-1916

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

OS/390 SecureWay Security Server RACF Callable Services **SC**

GC28-1921

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

OS/390 SecureWay Security Server RACF Command Language Reference

SC28-1919

Contains the functions and syntax of all the RACF commands.

OS/390 SecureWay Security Server RACF Command Syntax Summary

SX23-0027

Contains extracted information from the Command Language Reference.

OS/390 SecureWay Security Server RACF Data Areas **SC**

SY27-2640

Contains descriptions of the data areas used by RACF.

OS/390 SecureWay Security Server RACF Diagnosis Guide

SY27-2639

Explains how to diagnose problems in RACF.

OS/390 SecureWay Security Server RACF Introduction

GC28-1912

Provides an overview of the RACF component of the Security Server.

OS/390 SecureWay Security Server RACF General User's Guide **SC**

SC28-1917

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

OS/390 SecureWay Security Server RACF Macros and Interfaces **SC**

SC28-1914

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

OS/390 SecureWay Security Server RACF Messages and Codes **\$**

SC28-1918

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

OS/390 SecureWay Security Server RACF Migration *****

GC28-1920

Contains information to guide installations through the migration process from the previous release of RACF to the current release.

OS/390 SecureWay Security Server RACF Security Administrator's Guide

SC28-1915

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

OS/390 SecureWay Security Server RACF System Programmer's Guide

SC28-1913

Describes how to modify and maintain RACF.

OS/390 SecureWay Security Server External Security Interface (RACROUTE) Macro Reference **SC**

SecureWay Security Server

GC28-1922

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

OS/390 SecureWay Security Server LDAP Server Administration and Usage Guide

SC24-5861

Provides guidance and reference information for using LDAP.

OS/390 SecureWay Security Server Firewall Technologies Guide and Reference

SC24-5835

Describes how to install and configure your firewall in a secure manner and how to access the firewall using client programs.

OS/390 SecureWay Security Server LDAP Client Application Development Guide and Reference

SC24-5878

Describes the Lightweight Directory Access Protocol (LDAP) client APIs that you can use to write distributed applications on OS/390 DCE and gives you information about developing LDAP applications.

OS/390 SecureWay Security Server Open Cryptographic Enhanced Plug-ins Guide and Reference

SA22-7429

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 OS/390 Security Server (RACF) to provide security functions relating to digital certificates.

OS/390 SecureWay Security Server Network Authentication and Privacy Service Administration

SC24-5896

Provides an introduction to the OS/390 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.

OS/390 SecureWay Security Server Network Authentication and Privacy Service Programming

SC24-5897

Contains all of the application programming interfaces (APIs): Kerberos, GSS-API, and GSS-API with Kerberos mechanism, for the OS/390 implementation of Kerberos Version 5 from MIT.

SMP/E

This section describes books for SMP/E.

OS/390 SMP/E Commands **\$**

SC28-1805

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

OS/390 SMP/E Diagnosis Guide **SC**

SC28-1737

Explains how to handle suspected SMP/E problems.

OS/390 SMP/E Messages and Codes ***SC28-1738**

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.

OS/390 SMP/E Reference \$**SC28-1806**

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.

OS/390 SMP/E User's Guide SC**SC28-1740**

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.

*MVS Packaging Rules***SC23-3695**

Describes the rules for packaging MVS-based software, and includes rules, recommendations, and restrictions to be considered if customers want their products to be distributed through IBM.

SOMobjects

This section describes books for SOMobjects.

*OS/390 SOMobjects: Getting Started***GA22-7248**

Contains information and examples to describe what to do after installing SOMobjects.

OS/390 SOMobjects Programmer's Guide SC**GC28-1859**

Explains how programmers using C, C++, OOCOBOL, and other languages can use SOMobjects to build object-oriented classes.

*OS/390 SOMobjects Messages, Codes, and Diagnosis***SC28-1996**

This book describes SOMobjects messages, system abend codes, and a related set of reason codes.

*OS/390 SOMobjects Configuration and Administration Guide***GC28-1851**

Contains migration and "getting started" information.

OS/390 SOMobjects Object Services SC

SOMobjects

SC28-1995

Describes how to write application programs using class libraries that have been implemented using SOMobjects.

OS/390 SOMobjects Programmer's Reference **SC**

SC28-1997

OS/390 SOMobjects Programmer's Reference, Volume 1

SC28-1998

OS/390 SOMobjects Programmer's Reference, Volume 2

SC28-1999

OS/390 SOMobjects Programmer's Reference, Volume 3

Contains a reference page for every class, method, function, and macro that the SOMobjects run-time library provides. It also describes the utility metaclasses provided by the SOMobjects Developers Toolkit, and each of their methods.

Text Search

This section describes books for Text Search.

OS/390 Text Search: Installation and Administration for the Text Search Engine

SH12-6387

Describes the final installation of the Text Search Engine. It also describes the tasks users might perform after installation. It contains information about how to plan for indexing document collections and suggests how you might carry out the indexing process. It also lists the commands you can use for the administration of indexes, documents, document models, and thesaurus files.

OS/390 Text Search: NetQuestion Solution

SH12-6360

Describes the final installation of the NetQuestion Solution and what to do after installation to produce a Web server search service based on the Text Search Engine.

OS/390 Text Search: Programming the Text Search Engine

SH12-6295

Contains information for application programmers who want to integrate Text Search functions with customer applications, document repositories (libraries), or multimedia display services. It describes the Text Search application programming interface, library service interfaces, text format, and hypermedia links.

TSO/E

This section describes books for TSO/E.

OS/390 TSO/E Administration **SC**

SC28-1966

Describes ways to define users to TSO/E through the ACCOUNT command and through the Information Center Facility services. It also provides detailed information about maintaining the Information Center Facility services.

OS/390 TSO/E CLISTs

SC28-1973

Contains information about creating, structuring, and executing CLISTS.

OS/390 TSO/E Command Reference

SC28-1969

Contains syntax information for non-authorized TSO/E commands and Session Manager tasks. Authorized commands are described in *OS/390 TSO/E System Programming Command Reference*.

OS/390 TSO/E Customization

SC28-1965

Contains the information necessary to customize and maintain a TSO/E system.

OS/390 TSO/E General Information

GC28-1964

Contains an overview of the TSO/E element of OS/390. It explains the purpose and benefits of TSO/E, the functions and tools available to end users and programmers, and introduces the customization, administration, and diagnosis aspects of TSO/E.

OS/390 TSO/E Guide to SRPI **SC**

SC28-1976

Explains how to write a server to receive a service request, process the request, and return a reply to the requester. The book includes a sample server, along with information about installing, testing, and debugging servers for use with the TSO/E Enhanced Connectivity Facility.

OS/390 TSO/E Messages **\$**

GC28-1978

Contains descriptions and the detecting module for TSO/E messages that are displayed on the screen, and MVSSERV messages that are written to a trace data set.

OS/390 TSO/E Primer **SC**

GC28-1967

Explains simple concepts and leads new users through basic TSO/E tasks, such as logon, use of panels and data sets, and sending and receiving information. It shows them how to use the Information Center Facility, issue line mode TSO/E commands, and access ISPF/PDF.

OS/390 TSO/E Programming Guide **SC**

SC28-1970

Explains how to write application programs that run under TSO/E, such as CLISTS, REXX execs, command processors, servers, and callable programs.

OS/390 TSO/E Programming Services

SC28-1971

Describes TSO/E services including the parse service routine, I/O service routines, space management service, table look-up service, printer support CLISTS, and the TSO/E environment service. It also explains how to access the Information Center Facility names directory from an application program.

OS/390 TSO/E REXX Reference

TSO/E

SC28-1975

Describes the structure and general syntax of the REXX language including expressions and operators, clauses, and assignments and symbols.

OS/390 TSO/E REXX User's Guide **SC**

SC28-1974

Explains how to design, write, and run REXX execs.

OS/390 TSO/E System Programming Command Reference

SC28-1972

Describes authorized TSO/E commands including ACCOUNT, CONSOLE, CONSPROF, OPERATOR, and PARMLIB.

OS/390 TSO/E System Diagnosis: Data Areas **SC**

SC33-6678

Contains mappings of data areas that are used by two or more components or programming interfaces, or are needed for debugging and diagnosis. It provides information for debugging installation-provided programs or diagnosing IBM-provided programs.

OS/390 TSO/E User's Guide **SC**

SC28-1968

Reinforces basic concepts introduced in *OS/390 TSO/E Primer* and gives additional details. It also describes more complex tasks such as preparing and running programs in the foreground or background, customizing the terminal session, and using Session Manager.

OS/390 UNIX System Services

This section includes books for:

- OS/390 UNIX System Services Shells, Utilities, and Debugger
- OS/390 UNIX System Services Parallel Environment
- OS/390 UNIX System Services Connection Manager
- OS/390 UNIX System Services Process Manager

If you are installing and customizing OS/390 UNIX System Services for the first time, see the OS/390 UNIX Configuration Assistant at:

<http://www.ibm.com/s390/os390/wizards/>

OS/390 UNIX System Services Command Reference

SC28-1892

Describes the OS/390 UNIX shells, utilities, debugger, and OS/390 UNIX TSO/E commands in the OS/390 UNIX System Services element of OS/390.

OS/390 UNIX System Services File System Interface Reference

SC28-1909

Provides details for coding to the OS/390 UNIX System Services file system interface.

OS/390 UNIX System Services Messages and Codes **\$**

SC28-1908

Explains the messages, return, and reason codes that occur in the OS/390 UNIX shells or debugger of the OS/390 UNIX System Services element of OS/390.

OS/390 UNIX System Services Planning *****

SC28-1890

Contains information needed to plan for the use of OS/390 UNIX System Services in an OS/390 environment.

OS/390 UNIX System Services Programming: Assembler Callable Services Reference

SC28-1899

Describes the callable services of OS/390 UNIX System Services.

OS/390 UNIX System Services Programming Tools

SC28-1904

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

OS/390 UNIX System Services User's Guide

SC28-1891

Describes how to use the OS/390 UNIX shells and file system.

OS/390 Using REXX and OS/390 UNIX System Services **SC**

SC28-1905

Describes how to use the REXX programming language to access OS/390 UNIX System Services.

OS/390 UNIX System Services Parallel Environment: Operation and Use

SC33-6697

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

OS/390 UNIX System Services Parallel Environment: MPI Programming and Subroutine Reference

SC33-6696

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

OS/390 UNIX System Services Connection Scaling Reference **SC**

SA22-7305

Provides information about the installation, programming interfaces, and problem determination tools available for the components of OS/390 UNIX System Services, Connection Manager and Process Manager.

WebSphere Application Server

For WebSphere Application Server information, go to URL:

<http://www.ibm.com/software/websphere/appserv/library.html>

WebSphere Application Server

Chapter 3. OS/390 Book Order Numbers by Release

The following table contains the order numbers for OS/390 books, by release. The table contains a title column and release columns.

The **Title** column contains the full title of the book.

For each release, and each book, the release columns contain a publication order number, or a symbol (--) if the book does not exist in that release. These columns are labeled with the release and modification level of a specific release of OS/390. For example R10.0 refers to OS/390 Release 10.0.

The order number pertains to the most recent level of the book. In some cases, the most recent level applies to a refresh only in softcopy of a book that is generally provided in hardcopy as well as softcopy. In older OS/390 releases, the dash level of a book refreshed only in softcopy was not increased, so the latest hardcopy and softcopy dash levels were the same (even if the content was not!). Currently, every time a book is refreshed the dash level is increased.

Order numbers that begin with the letter G or S indicate unlicensed documentation. Order numbers that begin with the letter L contain licensed documentation. For information about how to order hardcopy books, see “Chapter 1. Viewing, Printing, and Ordering OS/390 Documentation” on page 1. Some of the books in this table are provided in softcopy only. See the description of the books in the previous chapter to determine if a specific book is hardcopy or softcopy only and if it is automatically shipped in hardcopy with your order.

In this table, the phrase “Refreshed in softcopy only” indicates that the latest edition of the book was published in PDF and BookManager format, not hardcopy. In cases where the latest edition is published in only one format -- PDF or BookManager (BOOK) form, not both -- the specific format also indicated.

Title	R7.0	R8.0	R9.0	R10.0
OS/390				
OS/390 BookManager Hints and Tips	GC28-1987-02	GC28-1987-02	GC28-1987-02	GC28-1987-02
OS/390 Information Roadmap	GC28-1727-06	GC28-1727-08 Refreshed in softcopy only	GC28-1727-10 Refreshed in softcopy only	GC28-1727-12 Refreshed in softcopy only
OS/390 Information - What's New	GC28-1985-06	--	--	--
OS/390 Hot Topics Newsletter	--	GA22-7431-00	GA22-7431-01	GA22-7431-02
OS/390 Introduction and Release Guide	GC28-1725-06	GC28-1725-07	GC28-1725-08	GC28-1725-10 Refreshed in softcopy only
OS/390 Licensed Program Specifications	GC28-1728-06	GC28-1728-07	GC28-1728-08	GC28-1728-10 Refreshed in softcopy only
OS/390 Printing Softcopy BOOKs	S544-5354-05	S544-5354-05	S544-5354-05	--

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 Planning for Installation	GC28-1726-06	GC28-1726-07	GC28-1726-08	GC28-1726-10 Refreshed in softcopy only
OS/390 Summary of Message Changes	GC28-1499-06	GC28-1499-07	GC28-1499-08	GC28-1499-09
The Year 2000 and 2-Digit Dates: Guide	GC28-1251-08	GC28-1251-08	GC28-1251-08	--
IBM ServerPac for OS/390 Using the Installation Dialog	SC28-1244-10	SC28-1244-11	SC28-1244-12	SC28-1244-13
Application Enabling Technology				
Application Enabling Technology Administration and Programming	GC28-1993-05	--	--	--
Application Enabling Technology Customization Guide	GC28-1994-05	--	--	--
BDT				
OS/390 BDT Overview	GC28-1741-02	GC28-1741-02	GC28-1741-02	GC28-1741-02
OS/390 BDT Installation	SC28-1742-04	SC28-1742-04	SC28-1742-04	SC28-1742-04
OS/390 BDT Commands	SC28-1744-02	SC28-1744-02	SC28-1744-02	SC28-1744-02
OS/390 BDT Messages and Codes	SC28-1745-03	SC28-1745-04	SC28-1745-04	SC28-1745-04
OS/390 BDT Diagnosis Reference	SY28-1081-01	SY28-1081-01	SY28-1081-01	SY28-1081-01
BDT File-to-File				
OS/390 BDT File-to-File Transaction Guide	SC28-1743-01	SC28-1743-01	SC28-1743-01	SC28-1743-01
BookManager				
IBM BookManager READ/MVS and BUILD/MVS: General Information	GC38-2032-00	GC38-2032-00	GC38-2032-00	GC38-2032-00
IBM BookManager READ/MVS: Installation Planning and Customization	SC38-2035-00	SC38-2035-00	SC38-2035-00	SC38-2035-00
IBM BookManager READ/MVS: Getting Started	SC38-2033-00	SC38-2033-00	SC38-2033-00	SC38-2033-00
IBM BookManager READ/MVS: Displaying Online Books	SC38-2034-00	SC38-2034-00	SC38-2034-00	SC38-2034-00
IBM BookManager Build/MVS Installation Planning and Customization	SC38-2037-00	SC38-2037-00	SC38-2037-00	SC38-2037-00
BookManager BookServer				

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
IBM BookManager BookServer for MVS/ESA: Getting Started	SC34-3105-00	SC34-3105-00	SC34-3105-00	SC34-3105-01
C/C++				
OS/390 C/C++ Compiler and Run-time Migration Guide	SC09-2359-03	SC09-2359-03	SC09-2359-04	SC09-2359-05
OS/390 C/C++ Language Reference	SC09-2360-03	SC09-2360-03	SC09-2360-04	SC09-2360-05
OS/390 C/C++ Run-Time Library Reference	SC28-1663-04	SC28-1663-05	SC28-1663-06	SC28-1663-08 Refreshed in softcopy only
OS/390 C Curses	SC28-1907-01	SC28-1907-01	SC28-1907-01	SC28-1907-01
OS/390 C/C++ IBM Open Class Library Reference	SC09-2364-03	SC09-2364-04	SC09-2364-04	SC09-2364-04
OS/390 C/C++ IBM Open Class Library User's Guide	SC09-2363-03	SC09-2363-03	SC09-2363-03	SC09-2363-03
OS/390 C/C++ Reference Summary	SX09-1313-03	SX09-1313-03	SX09-1313-04	SX09-1313-05
OS/390 C/C++ SOM-Enabled Class Library User's Guide and Reference	SC09-2366-02	SC09-2366-02	SC09-2366-02	--
OS/390 C/C++ User's Guide	SC09-2361-03	SC09-2361-04 Refreshed in softcopy only	SC09-2361-05	SC09-2361-06
OS/390 C/C++ Programming Guide	SC09-2362-03	SC09-2362-04	SC09-2362-05	SC09-2362-06
Debug Tool User's Guide and Reference	SC09-2137-03	SC09-2137-04	SC09-2137-05	SC09-2137-07 Refreshed in softcopy only
Debug Tool Reference Summary	SX26-3840-00	SX26-3840-00	SX26-3840-00	--
Cryptographic Services				
OS/390 Open Cryptographic Services Facility Application Developer's Guide and Reference	SC24-5875-00	SC24-5875-01	SC24-5875-02	SC24-5875-04
OS/390 Open Cryptographic Services Facility Service Provider Module Developer's Guide and Reference	SC24-5876-00	SC24-5876-00	SC24-5876-01	SC24-5876-01
OS/390 System Secure Sockets Layer Programming Guide and Reference	SC24-5877-00	SC24-5877-01	SC24-5877-02	SC24-5877-03

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 ICSF Overview	GC23-3972-03	GC23-3972-03	GC23-3972-05 Refreshed in Softcopy only	GC23-3972-06
OS/390 ICSF System Programmer's Guide	SC23-3974-04	SC23-3974-04	SC23-3974-06 Refreshed in softcopy only	SC23-3974-08 Refreshed in softcopy only
OS/390 ICSF Administrator's Guide	SC23-3975-04	SC23-3975-04	SC23-3975-06 Refreshed in softcopy	SC23-3975-08 Refreshed in softcopy only
OS/390 ICSF Application Programmer's Guide	SC23-3976-05	SC23-3976-05	SC23-3976-06	SC23-3976-08 Refreshed in softcopy only
OS/390 ICSF Messages	SC23-3977-04	SC23-3977-05	SC23-3977-06	SC23-3977-07
OS/390 ICSF TKE Workstation User's Guide	SC23-3978-07	SC23-3978-09	SC23-3978-09	--
OS/390 ICSF TKE Workstation User's Guide 2000	--	--	GA22-7430-00	GA22-7430-02
DCE Application Support				
OS/390 DCE Application Support Programming Guide	SC24-5833-02	SC24-5833-02	SC24-5833-02	SC24-5833-02
OS/390 DCE Application Support Configuration and Administration Guide	SC24-5834-02	SC24-5834-02	SC24-5834-02	SC24-5834-02 Refreshed BOOK file to -03
DCE Base Services				
OS/390 DCE Administration Guide	SC28-1584-05	SC28-1584-05	SC28-1584-05	SC28-1584-05
OS/390 DCE Application Development Guide: Core Components	SC28-1588-04	SC28-1588-04	SC28-1588-04	SC28-1588-04
OS/390 DCE Application Development Guide: Directory Services	SC28-1589-03	SC28-1589-03	SC28-1589-03	SC28-1589-03
OS/390 DCE Application Development Guide: Introduction and Style	SC28-1587-03	SC28-1587-03	SC28-1587-03	SC28-1587-03
OS/390 DCE Application Development Reference	SC28-1590-04	SC28-1590-04	SC28-1590-04	SC28-1590-04
OS/390 DCE Command Reference	SC28-1585-04	SC28-1585-04	SC28-1585-04	SC28-1585-04
OS/390 DCE Configuring and Getting Started	SC28-1583-05	SC28-1583-05	SC28-1583-06	SC28-1583-06
OS/390 DCE Introduction	GC28-1581-02	GC28-1581-02	GC28-1581-02	GC28-1581-02
OS/390 DCE Messages and Codes	SC28-1591-06	SC28-1591-06	SC28-1591-07	SC28-1591-07 Refreshed BOOK file to -08
OS/390 DCE Planning	SC28-1582-04	SC28-1582-04	SC28-1582-05	SC28-1582-05

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 DCE User's Guide	SC28-1586-00	SC28-1586-00	SC28-1586-01	SC28-1586-01
OS/390 DFSMSsdfp (see DFSMS/MVS DFSMSsdfp for R7-R9 titles)				
OS/390 DFSMS Introduction	--	--	--	SC26-7344-00
OS/390 DFSMS Migration	--	--	--	SC26-7329-01 Refreshed in softcopy only
OS/390 DFSMS Installation Exits	--	--	--	SC26-7392-01 Refreshed in softcopy only
OS/390 DFSMS: Managing Catalogs	--	--	--	SC26-7338-01 Refreshed in softcopy only
OS/390 DFSMS Checkpoint/Restart	--	--	--	SC26-7327-00
OS/390 DFSMS: Using Data Sets	--	--	--	SC26-7339-01 Refreshed in softcopy only
OS/390 DFSMS Macro Instructions for Data Sets	--	--	--	SC26-7337-01 Refreshed in softcopy only
OS/390 DFSMSsdfp Advanced Services	--	--	--	SC26-7330-01 Refreshed in softcopy only
OS/390 DFSMS Access Method Services for Catalogs	--	--	--	SC26-7326-01 Refreshed in softcopy only
OS/390 DFSMSsdfp Storage Administration Reference	--	--	--	SC26-7331-01 Refreshed in softcopy only
OS/390 DFSMS: Using the Interactive Storage Management Facility	--	--	--	SC26-7340-00
OS/390 DFSMSsdfp Utilities	--	--	--	SC26-7343-01 Refreshed in softcopy only
DFSMS/MVS DFM/MVS Guide and Reference	SC26-4915-02	SC26-4915-02	SC26-4915-02	SC26-4915-02
OS/390 DFSMS Program Management	--	--	--	SC27-0806-00
OS/390 DFSMSsdfp Diagnosis Guide	--	--	--	SY27-7610-00
OS/390 DFSMSsdfp Diagnosis Reference	--	--	--	SY27-7611-01 Refreshed in softcopy only
OS/390 DFSMS: Using Magnetic Tapes	--	--	--	SC26-7341-01 Refreshed in softcopy only

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 DFSMS: Using the Volume Mount Analyzer	--	--	--	SC26-7342-00
OS/390 DFSMS: Implementing System-Managed Storage	--	--	--	SC26-7336-01 Refreshed in softcopy only
MVS/ESA SML: Leading a Storage Administration Group	SC26-3126-02	SC26-3126-02	SC26-3126-02	SC26-3126-02
MVS/ESA SML: Managing Storage Groups	SC26-3125-02	SC26-3125-02	SC26-3125-02	SC26-3125-02
MVS/ESA SML: Managing Data	SC26-3124-02	SC26-3124-02	SC26-3124-02	SC26-3124-02
OS/390 DFSMS OAM Application Programmer's Reference	--	--	--	SC35-0390-00
OS/390 DFSMS OAM Planning, Installation, and Storage Administration Guide for Object Support	--	--	--	SC35-0391-00
OS/390 DFSMS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries	--	--	--	SC35-0392-01 Refreshed in softcopy only
DFSMS Advanced Copy Services	--	--	--	SC35-0355-00
DFSMS/MVS NaviQuest User's Guide	SC26-7194-01	SC26-7194-01	SC26-7194-01	SC26-7194-01
DFSMS/MVS Software Support for IBM Magstar 3590 Model E1x Tape Drive	SC26-7316-00	SC26-7316-00	SC26-7316-01	SC26-7316-01
DFSMS/MVS Software Support for IBM Enterprise Storage Server (ESS)	SC26-7318-00	SC26-7318-00	SC26-7318-00	SC26-7318-00
OS/390 DFSMSdss				
OS/390 DFSMSdss Storage Administration Guide	--	--	--	SC35-0393-00
OS/390 DFSMSdss Storage Administration Reference	--	--	--	SC35-0394-00
OS/390 DFSMSdss Diagnosis Guide	--	--	--	LY35-0113-00
OS/390 DFSMShsm				
OS/390 DFSMShsm Diagnosis Guide	--	--	--	LY35-0111-00

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 DFSMSShsm Diagnosis Reference	--	--	--	LY35-0112-00
OS/390 DFSMSShsm Data Recovery Scenarios	--	--	--	GC35-0386-00
OS/390 DFSMSShsm User Commands Reference Summary	--	--	--	SX35-5053-00
OS/390 DFSMSShsm Storage Administration Reference Summary	--	--	--	SX35-5052-00
OS/390 DFSMSShsm Storage Administration Reference	--	--	--	SC35-0389-00
OS/390 DFSMSShsm Storage Administration Guide	--	--	--	SC35-0388-00
OS/390 DFSMSShsm Managing Your Own Data	--	--	--	SC35-0387-00
OS/390 DFSMSShsm Implementation and Customization Guide	--	--	--	GC35-0385-00
OS/390 DFSMSrmm				
OS/390 DFSMSrmm Reporting	--	--	--	SC26-7335-00
OS/390 DFSMSrmm Application Programming Interface	--	--	--	SC26-7332-00
OS/390 DFSMSrmm Command Reference Summary	--	--	--	SX26-6020-00
OS/390 DFSMSrmm Guide and Reference	--	--	--	SC26-7333-01 Refreshed in softcopy only
OS/390 DFSMSrmm Implementation and Customization Guide	--	--	--	SC26-7334-01 Refreshed in softcopy only
OS/390 DFSMSrmm Diagnosis Guide	--	--	--	SY27-7612-00
DFSMS/MVS DFSMSdfp (see OS/390 DFSMS for R10 titles)				
DFSMS/MVS General Information	GC26-4900-06	GC26-4900-06	GC26-4900-06	--
DFSMS/MVS Planning for Installation	SC26-4919-06	SC26-4919-06	SC26-4919-06	--
DFSMS/MVS Installation Exits	SC26-4908-04	SC26-4908-04	SC26-4908-04	--
DFSMS/MVS Managing Catalogs	SC26-4914-04	SC26-4914-04	SC26-4914-04	--
DFSMS/MVS Checkpoint/ Restart	SC26-4907-02	SC26-4907-02	SC26-4907-02	--

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
DFSMS/MVS Using Data Sets	SC26-4922-04	SC26-4922-04	SC26-4922-04	--
DFSMS/MVS Macro Instructions for Data Sets	SC26-4913-04	SC26-4913-04	SC26-4913-04	--
DFSMS/MVS DFSMSdfp Advanced Services	SC26-4921-04	SC26-4921-04	SC26-4921-04	--
DFSMS/MVS Access Method Services for ICF	SC26-4906-05	SC26-4906-05	SC26-4906-05	--
DFSMS/MVS Access Method Services for VSAM	SC26-4905-02	SC26-4905-02	SC26-4905-02	SC26-4905-02
DFSMS/MVS Summary of Access Method Services for ICF	SX26-3807-05	SX26-3807-05	SX26-3807-05	SX26-3807-05
DFSMS/MVS DFSMSdfp Storage Administration Reference	SC26-4920-05	SC26-4920-05	SC26-4920-05	--
DFSMS/MVS Using ISMF	SC26-4911-03	SC26-4911-03	SC26-4911-03	--
DFSMS/MVS Utilities	SC26-4926-03	SC26-4926-03	SC26-4926-03	--
DFSMS/MVS DFM/MVS Guide and Reference	SC26-4915-02	SC26-4915-02	SC26-4915-02	SC26-4915-02
DFSMS/MVS Program Management	SC26-4916-03	SC26-4916-03	SC26-4916-03	--
DFSMS/MVS DFSMSdfp Diagnosis Guide	SY27-9605-03	SY27-9605-03	SY27-9605-03	--
DFSMS/MVS DFSMSdfp Diagnosis Reference	LY27-9606-05	LY27-9606-05	LY27-9606-05	--
DFSMS/MVS Using Magnetic Tapes	SC26-4923-02	SC26-4923-02	SC26-4923-02	--
DFSMS/MVS Using the Volume Mount Analyzer	SC26-4925-02	SC26-4925-02	SC26-4925-02	--
DFSMS/MVS Implementing System-Managed Storage	SC26-3123-05	SC26-3123-05	SC26-3123-05	--
MVS/ESA SML: Leading a Storage Administration Group	SC26-3126-02	SC26-3126-02	SC26-3126-02	SC26-3126-02
MVS/ESA SML: Managing Storage Groups	SC26-3125-02	SC26-3125-02	SC26-3125-02	SC26-3125-02
MVS/ESA SML: Managing Data	SC26-3124-02	SC26-3124-02	SC26-3124-02	SC26-3124-02
DFSMS/MVS OAM Application Programmer's Reference	SC26-4917-02	SC26-4917-02	SC26-4917-02	--
DFSMS/MVS OAM Planning, Installation, and Storage Administration Guide for Object Support	SC26-4918-05	SC26-4918-05	SC26-4918-05	--

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
DFSMS/MVS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries	SC26-3051-05	SC26-3051-06 Refreshed in softcopy only	SC26-3051-06 Refreshed in softcopy only	--
DFSMS/MVS Remote Copy Administrator's Guide and Reference	SC35-0169-03	SC35-0169-03	SC35-0169-03	--
DFSMS/MVS NaviQuest User's Guide	SC26-7194-01	SC26-7194-01	SC26-7194-01	SC26-7194-01
DFSMS/MVS Software Support for IBM Magstar 3590 Model E1x Tape Drive	SC26-7316-00	SC26-7316-01	SC26-7316-01	--
DFSMS/MVS Software Support for IBM Enterprise Storage Server (ESS)	--	SC26-7318-00	SC26-7318-00	--
DFSMS/MVS DFSMSdss				
DFSMS/MVS DFSMSdss Storage Administration Guide	SC26-4930-04	SC26-4930-04	SC26-4930-04	--
DFSMS/MVS DFSMSdss Storage Administration Reference	SC26-4929-04	SC26-4929-04	SC26-4929-04	--
DFSMS/MVS DFSMSdss Diagnosis Guide	LY27-9609-05	LY27-9609-05	LY27-9609-05	--
DFSMS DFSMShsm				
DFSMS/MVS DFSMShsm Diagnosis Guide	LY27-9607-04	LY27-9607-04	LY27-9607-04	--
DFSMS/MVS DFSMShsm Diagnosis Reference	LY27-9608-03	LY27-9608-03	LY27-9608-04	--
DFSMS/MVS Managing Data Availability	SC26-4928-03	SC26-4928-03	SC26-4928-03	--
DFSMS/MVS DFSMShsm User Commands Reference Summary	SX26-3806-04	SX26-3806-04	SX26-3806-04	--
DFSMS/MVS DFSMShsm Storage Administration Reference Summary	SX26-3808-04	SX26-3808-04	SX26-3808-04	--
DFSMS/MVS DFSMShsm Storage Administration Reference	SH21-1075-04	SH21-1075-04	SH21-1075-04	--
DFSMS/MVS DFSMShsm Storage Administration Guide	SH21-1076-04	SC35-0388-04	SC35-0388-04	--

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
DFSMS/MVS DFSMSHsm Managing Your Own Data	SH21-1077-04	SH21-1077-04	SH21-1077-04	--
DFSMS/MVS DFSMSHsm Implementation and Customization Guide	SH21-1078-04	SH21-1078-04	SH21-1078-04	--
DFSMS/MVS DFSMSrmm				
DFSMS/MVS DFSMSrmm Application Programming Interface	SC26-7272-01	SC26-7272-01	SC26-7272-01	--
DFSMS/MVS DFSMSrmm Command Reference Summary	SX26-6016-03	SX26-6016-03	SX26-6016-03	--
DFSMS/MVS DFSMSrmm Guide and Reference	SC26-4931-06	SC26-4931-06	SC26-4931-06	--
DFSMS/MVS DFSMSrmm Implementation and Customization Guide	SC26-4932-06	SC26-4932-06	SC26-4932-06	--
DFSMS/MVS DFSMSrmm Diagnosis Guide	SY27-9615-05	SY27-9615-05	SY27-9615-05	--
DFSORT				
DFSORT Application Programming Guide Release 14	SC33-4035-19	SC33-4035-19	SC33-4035-19	SC33-4035-20
Getting Started with DFSORT Release 14	SC26-4109-08	SC26-4109-08	SC26-4109-08	SC26-4109-08
DFSORT Installation and Customization Release 14	SC33-4034-18	SC33-4034-18	SC33-4034-18	SC33-4034-19
DFSORT Messages, Codes and Diagnosis Guide Release 14	SC26-7050-02	SC26-7050-02	SC26-7050-03	SC26-7050-04
DFSORT Panels Guide	GC26-7037-00	GC26-7037-00	GC26-7037-00	GC26-7037-00
DFSORT Reference Summary	SX33-8001-12	SX33-8001-12	SX33-8001-12	SX33-8001-13
DFSORT Tuning Guide Release 14	SC26-3111-02	SC26-3111-02	SC26-3111-02	SC26-3111-02
Distributed File Service				
OS/390 Distributed File Service DFS Administration Guide and Reference	SC28-1720-05	SC28-1720-06	SC28-1720-06	SC28-1720-07
OS/390 Distributed File Service DFS Configuring and Getting Started	SC28-1722-04	SC28-1722-05	SC28-1722-05	SC28-1722-06

Order Numbers by Release

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OS/390 Distributed File Service Messages and Codes	SC28-1724-04	SC28-1724-05	SC28-1724-06	SC28-1724-07 Refreshed BOOK file to -08
OS/390 Distributed File Service SMB Administration Guide and Reference	--	SC24-5882-00	SC24-5882-01	SC24-5882-02
Encina Toolkit				
OS/390 Encina Toolkit Executive Guide and Reference	SC24-5832-00	SC24-5832-00	SC24-5832-00	SC24-5832-00
OS/390 Encina Transactional RPC Support for IMS	SC24-5874-00	SC24-5874-00	SC24-5874-00	SC24-5874-00
eNetwork Communications Server (See also IBM Communications Server)				
OS/390 eNetwork Communications Server: IP Planning and Migration Guide	SC31-8512-01	--	--	--
OS/390 eNetwork Communications Server: IP Configuration Guide	SC31-8513-01	--	--	--
OS/390 eNetwork Communications Server: SNA Network Implementation	SC31-8563-01	--	--	--
OS/390 eNetwork Communications Server: SNA Resource Definition Reference	SC31-8565-01	--	--	--
OS/390 eNetwork Communications Server: SNA Resource Definition Samples	SC31-8566-00	--	--	--
OS/390 eNetwork Communications Server: Quick Reference	SX75-0121-01	--	--	--
OS/390 eNetwork Communications Server: SNA Customization	LY43-0110-00	--	--	--
OS/390 eNetwork Communications Server: IP User's Guide	GC31-8514-01	--	--	--
OS/390 eNetwork Communications Server: SNA Diagnosis Volume 1	LY43-0079-01	--	--	--
OS/390 eNetwork Communications Server: SNA Diagnosis Volume 2	--	--	--	--
OS/390 eNetwork Communications Server: IP Diagnosis	SC31-8521-01	--	--	--

Order Numbers by Release

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OS/390 eNetwork Communications Server: SNA Messages	SC31-8569-01	--	--	--
OS/390 eNetwork Communications Server: IP Messages Volume 1	SC31-8517-01	--	--	--
OS/390 eNetwork Communications Server: IP Messages Volume 2	SC31-8570-01	--	--	--
OS/390 eNetwork Communications Server: IP Messages Volume 3	SC31-8674-01	--	--	--
OS/390 eNetwork Communications Server: IP and SNA Codes	SC31-8571-01	--	--	--
OS/390 eNetwork Communications Server: SNA Programmers LU 6.2 Reference	SC31-8568-00	--	--	--
OS/390 eNetwork Communications Server: SNA Programmers LU 6.2 Guide	SC31-8581-00	--	--	--
OS/390 eNetwork Communications Server: IP Programmer's Reference	SC31-8515-01	--	--	--
OS/390 eNetwork Communications Server: IP Application Programming Interface Guide	SC31-8516-01	--	--	--
OS/390 eNetwork Communications Server: IP CICS Sockets Guide	SC31-8518-00	--	--	--
OS/390 eNetwork Communications Server: IP IMS Sockets Guide	SC31-8519-00	--	--	--
OS/390 eNetwork Communications Server: SNA Programming	SC31-8573-00	--	--	--
OS/390 eNetwork Communications Server: CSM Guide	SC31-8575-00	--	--	--
OS/390 eNetwork Communications Server: CMIP Services and Topology Agent Guide	SC31-8576-01	--	--	--
OS/390 eNetwork Communications Server: AnyNet Sockets over SNA	SC31-8577-00	--	--	--

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Title	R7.0	R8.0	R9.0	R10.0
OS/390 eNetwork Communications Server: AnyNet SNA over TCP/IP	SC31-8578-00	--	--	--
OS/390 eNetwork Communications Server: APPC Application Suite User's Guide	GC31-8619-00	--	--	--
OS/390 eNetwork Communications Server: APPC Application Suite Administration	SC31-8620-00	--	--	--
OS/390 eNetwork Communications Server: APPC Application Suite Programming	SC31-8621-00	--	--	--
OS/390 eNetwork Communications Server: SNA Operation	SC31-8567-01	--	--	--
OS/390 eNetwork Communications Server: SNA Planning and Migration Guide	SC31-8622-01	--	--	--
OS/390 eNetwork Communications Server: IP Network Print Facility	SC31-8522-00	--	--	--
OS/390 eNetwork Communications Server: SNA Data Areas Volume 1	LY43-0111-01	--	--	--
OS/390 eNetwork Communications Server: SNA Data Areas Volume 2	LY43-0112-01	--	--	--
OS/390 eNetwork Communications Server: High-Speed Web Access Services User's Guide	GC31-8676-01	--	--	--
EREP				
EREP User's Guide	GC35-0151-01	GC35-0151-01	GC35-0151-01	GC35-0151-01
EREP Reference	GC35-0152-01	GC35-0152-01	GC35-0152-01	GC35-0152-01
FFST				
FFST/MVS FFST/VM Operations Guide	SC31-8604-01	SC31-8604-01	SC31-8604-01	SC31-8604-01
GDDM				
GDDM General Information	GC33-0866-02	GC33-0866-02	GC33-0866-02	GC33-0866-02
GDDM Base Application Programming Guide	SC33-0867-01	SC33-0867-01	SC33-0867-01	SC33-0867-01
GDDM Base Application Programming Reference	SC33-0868-01	SC33-0868-01	SC33-0868-01	SC33-0868-01

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GDDM Messages	SC33-0869-01	SC33-0869-01	SC33-0869-01	SC33-0869-01
GDDM Diagnosis	SC33-0870-01	SC33-0870-01	SC33-0870-01	SC33-0870-01
GDDM System Customization and Administration	SC33-0871-01	SC33-0871-01	SC33-0871-01	SC33-0871-01
GDDM User's Guide	SC33-0875-01	SC33-0875-01	SC33-0875-01	SC33-0875-01
GDDM Using the Image Symbol Editor	SC33-0920-01	SC33-0920-01	SC33-0920-01	SC33-0920-01
GDDM/MVS Program Directory	GC33-1801-01	GC33-1801-01	GC33-1801-01	GC33-1801-01
GDDM-PGF				
GDDM-PGF Application Programming Guide	SC33-0913-01	SC33-0913-01	SC33-0913-01	SC33-0913-01
GDDM-PGF Programming Reference	SC33-0333-01	SC33-0333-01	SC33-0333-01	SC33-0333-01
GDDM-PGF Interactive Chart Utility	SC33-0328-01	SC33-0328-01	SC33-0328-01	SC33-0328-01
GDDM-PGF OPS User's Guide	SC33-1776-00	SC33-1776-00	SC33-1776-00	SC33-1776-00
GDDM-PGF Vector Symbol Editor	SC33-0330-01	SC33-0330-01	SC33-0330-01	SC33-0330-01
HCD				
OS/390 HCD Messages	GC28-1849-02	GC28-1849-03 Refreshed in softcopy only	GC28-1849-04	GC28-1849-05 Refreshed in softcopy only
OS/390 HCD Planning	GC28-1750-05	GC28-1750-06	GC28-1750-07	GC28-1750-08 Refreshed in softcopy only
OS/390 HCD Reference Summary	SX22-0043-02	SX22-0043-02	SX22-0043-03	SX22-0043-03
OS/390 HCD Scenarios	SC28-1850-03	SC28-1850-03	SC28-1850-04	SC28-1850-04
OS/390 HCD User's Guide	SC28-1848-02	SC28-1848-02	SC28-1848-03	SC28-1848-03
HCM				
OS/390 HCM User's Guide	SC33-6595-01	SC33-6595-01	SC33-6595-02	SC33-6595-02
High Level Assembler				
High Level Assembler General Information	GC26-4943-02	GC26-4943-02	GC26-4943-02	GC26-4943-03
High Level Assembler Installation and Customization Guide	SC26-3494-01	SC26-3494-01	SC26-3494-01	SC26-3494-02
High Level Assembler Language Reference	SC26-4940-02	SC26-4940-02	SC26-4940-02	SC26-4940-03
High Level Assembler Programmer's Guide	SC26-4941-02	SC26-4941-02	SC26-4941-02	SC26-4941-03
High Level Assembler Toolkit				

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
High Level Assembler Toolkit Feature Installation and Customization Guide	GC26-8711-04	GC26-8711-05	GC26-8711-05	GC26-8711-06
High Level Assembler Toolkit Feature Interactive Debug Facility Reference Summary	GC26-8712-02	GC26-8712-02	GC26-8712-02	GC26-8712-02
High Level Assembler Toolkit Feature Interactive Debug Facility User's Guide	GC26-8709-02	GC26-8709-02	GC26-8709-02	GC26-8709-03
High Level Assembler Toolkit Feature User's Guide	GC26-8710-05	GC26-8710-06	GC26-8710-06	GC26-8710-07
IBM Communications Server (was SecureWay Communications Server in R8, R9)				
OS/390 IBM Communications Server: IP Migration	--	SC31-8512-03	SC31-8512-04	SC31-8512-05 Refreshed PDF to -06
OS/390 SecureWay Communications Server: IP Configuration Guide	--	SC31-8513-03	SC31-8513-03	--
OS/390 IBM Communications Server: IP Configuration Guide	--	--	--	SC31-8725-01 Refreshed in softcopy only
OS/390 IBM Communications Server: IP Configuration Reference	--	--	--	SC31-8726-01 Refreshed in softcopy only
OS/390 IBM Communications Server: SNA Network Implementation Guide	--	SC31-8563-03	SC31-8563-03	SC31-8563-04 Refreshed PDF to -05
OS/390 IBM Communications Server: SNA Resource Definition Reference	--	SC31-8565-03	SC31-8565-03	SC31-8565-04 Refreshed PDF to -05
OS/390 eNetwork Communications Server: SNA Resource Definition Samples	--	SC31-8566-00	SC31-8566-00	SC31-8566-00
OS/390 IBM Communications Server: Quick Reference	--	SX75-0121-03	SX75-0121-03	SX75-0121-04 Refreshed PDF to -05
OS/390 IBM Communications Server: SNA Customization	--	LY43-0110-01	LY43-0110-01	LY43-0110-02 Refreshed PDF to -03
OS/390 IBM Communications Server: IP User's Guide	--	GC31-8514-03	GC31-8514-03	GC31-8514-04 Refreshed PDF to -05

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Title	R7.0	R8.0	R9.0	R10.0
OS/390 IBM Communications Server: SNA Diagnosis V1 Techniques and Procedures	--	LY43-0079-03	LY43-0079-03	LY43-0079-04 Refreshed PDF to -05
OS/390 IBM Communications Server: SNA Diagnosis V2 FFST Dumps and the VIT	--	LY43-0080-02	LY43-0080-02	LY43-0080-03 Refreshed PDF to -04
OS/390 IBM Communications Server: IP Diagnosis	--	SC31-8521-03	SC31-8521-03	SC31-8521-04 Refreshed PDF to -05
OS/390 IBM Communications Server: SNA Messages	--	SC31-8569-03	SC31-8569-04	SC31-8569-05 Refreshed PDF to -06
OS/390 IBM Communications Server: IP Messages Volume 1 (EZA)	--	SC31-8517-03	SC31-8517-04	SC31-8517-05 Refreshed PDF to -06
OS/390 IBM Communications Server: IP Messages Volume 2 (EZB)	--	SC31-8570-03	SC31-8570-04	SC31-8570-05 Refreshed PDF to -06
OS/390 IBM Communications Server: IP Messages Volume 3 (EZY-EZZ-SNM)	--	SC31-8674-03	SC31-8674-04	SC31-8674-05 Refreshed PDF to -06
OS/390 IBM Communications Server: IP and SNA Codes	--	SC31-8571-03	SC31-8571-03	SC31-8571-04 Refreshed PDF to -05
OS/390 eNetwork Communications Server: SNA Programmers LU 6.2 Reference	--	SC31-8568-00	SC31-8568-00	SC31-8568-00
OS/390 eNetwork Communications Server: SNA Programmers LU 6.2 Guide	--	SC31-8581-00	SC31-8581-00	SC31-8581-00
OS/390 IBM Communications Server: IP Programmer's Reference	--	SC31-8515-03	SC31-8515-03	SC31-8515-03
OS/390 IBM Communications Server: IP Application Programming Interface Guide	--	SC31-8516-03	SC31-8516-03	SC31-8516-04 Refreshed PDF to -05
OS/390 Secureway Communications Server: IP CICS Sockets Guide	--	SC31-8518-01	SC31-8518-01	SC31-8518-01
OS/390 eNetwork Communications Server: IP IMS Sockets Guide	--	SC31-8519-00	SC31-8519-00	SC31-8519-00

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Title	R7.0	R8.0	R9.0	R10.0
OS/390 IBM Communications Server: SNA Programming	--	SC31-8573-00	SC31-8573-00	SC31-8573-01 Refreshed PDF to -02
OS/390 eNetwork Communications Server: CSM Guide	--	SC31-8575-00	SC31-8575-00	SC31-8575-00
OS/390 IBM Communications Server: CMIP Services and Topology Agent Guide	--	SC31-8576-01	SC31-8576-01	SC31-8576-02 Refreshed PDF to -03
OS/390 eNetwork Communications Server: AnyNet Sockets over SNA	--	SC31-8577-00	SC31-8577-00	SC31-8577-00
OS/390 eNetwork Communications Server: AnyNet SNA over TCP/IP	--	SC31-8578-00	SC31-8578-00	SC31-8578-00
OS/390 eNetwork Communications Server: APPC Application Suite User's Guide	--	GC31-8619-00	GC31-8619-00	GC31-8619-00
OS/390 eNetwork Communications Server: APPC Application Suite Administration	--	SC31-8620-00	SC31-8620-00	SC31-8620-00
OS/390 eNetwork Communications Server: APPC Application Suite Programming	--	SC31-8621-00	SC31-8621-00	SC31-8621-00
OS/390 IBM Communications Server: SNA Operation	--	SC31-8567-03	SC31-8567-03	SC31-8567-04 Refreshed PDF to -05
OS/390 IBM Communications Server: SNA Migration	--	SC31-8622-03	SC31-8622-03	SC31-8622-04 Refreshed PDF to -05
OS/390 eNetwork Communications Server: IP Network Print Facility	--	SC31-8522-00	SC31-8522-00	SC31-8522-00
OS/390 IBM Communications Server: SNA Data Areas Volume 1	--	LY43-0111-03	LY43-0111-03	LY43-0111-04 Refreshed PDF to -05
OS/390 IBM Communications Server: SNA Data Areas Volume 2	--	LY43-0112-03	LY43-0112-03	LY43-0112-04 Refreshed PDF to -05
IBM HTTP Server (formerly included in WebSphere Application Server)				
HTTP Server Planning, Installing, and Using for OS/390	SC31-8690-01	SC31-8690-03 Refreshed in softcopy only	SC31-8690-04 Refreshed in softcopy only	SC31-8690-05

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
Web Traffic Express for Multiplatforms User's Guide V1.0	GC31-8645-00	GC31-8645-00	GC31-8645-00	GC31-8645-00
ICKDSF				
Device Support Facilities User's Guide and Reference	GC35-0033-23	GC35-0033-23	GC35-0033-23	GC35-0033-23
ICSF (See Cryptographic Services)				
Infoprint Server				
OS/390 Infoprint Server Customization	--	G544-5694-01 Refreshed in softcopy only	G544-5694-03 Refreshed in softcopy only	G544-5694-05 Refreshed in softcopy only
OS/390 Infoprint Server Introduction	--	G544-5696-01	G544-5696-01	G544-5696-03 Refreshed in softcopy only
OS/390 Infoprint Server Messages and Diagnosis	--	G544-5690-01 Refreshed in softcopy only	G544-5690-02	G544-5690-04 Refreshed in softcopy only
OS/390 Infoprint Server Migration	--	G544-5697-01	G544-5697-01	G544-5697-03 Refreshed in softcopy only
OS/390 Infoprint Server Operation and Administration	--	S544-5693-01	S544-5693-01	S544-5693-03 Refreshed in softcopy only
OS/390 Infoprint Server User's Guide	--	S544-5692-01	S544-5692-01	S544-5692-03 Refreshed in softcopy only
ISPF				
OS/390 ISPF Application Server User's Guide and Reference	SC34-4619-00	SC34-4619-01	SC34-4619-01	--
OS/390 ISPF Dialog Developer's Guide and Reference	SC28-1273-02	SC28-1273-03	SC28-1273-03	SC28-1273-04
OS/390 ISPF Dialog Tag Language Guide and Reference	SC28-1219-02	SC28-1219-03	SC28-1219-03	SC28-1219-04
OS/390 ISPF Edit and Edit Macros	SC28-1312-02	SC28-1312-03	SC28-1312-03	SC28-1312-04
OS/390 ISPF Examples	SC28-1282-02	--	--	--
OS/390 ISPF Getting Started	SC28-1294-02	--	--	--
OS/390 ISPF Library Management Facility	SC28-1317-02	SC28-1317-03	SC28-1317-03	SC28-1317-04
OS/390 ISPF Messages and Codes	GC28-1326-02	GC28-1326-03	GC28-1326-03	GC28-1326-04
OS/390 ISPF Planning and Customizing	SC28-1298-02	SC28-1298-03	SC28-1298-03	SC28-1298-04

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OS/390 ISPF Reference Summary	SC28-1308-02	SC28-1308-03	SC28-1308-03	SC28-1308-04
OS/390 ISPF Services Guide	SC28-1272-02	SC28-1272-03	SC28-1272-03	SC28-1272-04
OS/390 ISPF Software Configuration and Library Manager Developer's Guide	SC28-1318-02	--	--	--
OS/390 ISPF Software Configuration and Library Manager Project Manager's Guide	SC28-1319-02	--	--	--
OS/390 ISPF Software Configuration and Library Project Manager's and Developer's Guide	--	SC34-4750-00	SC34-4750-00	SC34-4750-01
OS/390 ISPF Software Configuration and Library Manager Reference	SC28-1320-02	SC28-1320-03	SC28-1320-03	SC28-1320-04
OS/390 ISPF User's Guide	SC28-1239-02	SC28-1239-03	SC28-1239-03	--
OS/390 ISPF User's Guide Volume I	--	--	--	SC34-4791-00
OS/390 ISPF User's Guide Volume II	--	--	--	SC34-4792-00
OS/390 VisualAge for ISPF User's Guide and Reference SC24-4620	SC24-4620-00	--	--	--
JES2				
OS/390 JES2 Commands	GC28-1790-03	GC28-1790-03	GC28-1790-04	GC28-1790-05
OS/390 JES2 Data Areas, Volume 1	SY28-1096-05	SY28-1096-06	SY28-1096-06	SY28-1096-07
OS/390 JES2 Data Areas, Volume 2	SY28-1097-05	SY28-1097-06	SY28-1097-06	SY28-1097-07
OS/390 JES2 Data Areas, Volume 3	SY28-1098-05	SY28-1098-06	SY28-1098-06	SY28-1098-07
OS/390 JES2 Initialization and Tuning Guide	SC28-1791-05	SC28-1791-06	SC28-1791-06	SC28-1791-07
OS/390 JES2 Initialization and Tuning Reference	SC28-1792-04	SC28-1792-04	SC28-1792-05	SC28-1792-07 Refreshed in softcopy only
OS/390 JES2 Installation Exits	SC28-1793-03	SC28-1793-03	SC28-1793-03	SC28-1793-04
OS/390 JES2 Introduction	GC28-1794-02	GC28-1794-02	GC28-1794-02	GC28-1794-03
OS/390 JES2 Macros	SC28-1795-05	SC28-1795-06	SC28-1795-06	SC28-1795-08 Refreshed in softcopy only
OS/390 JES2 Messages	GC28-1796-04	GC28-1796-05	GC28-1796-05	GC28-1796-06

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OS/390 JES2 Migration	GC28-1797-04	GC28-1797-05	GC28-1797-06	GC28-1797-07
OS/390 JES2 Commands Summary	GX22-0041-04	GX22-0041-04	GX22-0041-05	GX22-0041-06
OS/390 JES2 Diagnosis	SY28-1086-04	SY28-1086-05	SY28-1086-05	SY28-1086-06
JES3				
OS/390 JES3 Commands	GC28-1798-06	GC28-1798-07	GC28-1798-08	GC28-1798-09
OS/390 JES3 Migration	GC28-1799-07 Refreshed in softcopy only	GC28-1799-08	GC28-1799-09	GC28-1799-10
OS/390 JES3 Initialization and Tuning Guide	SC28-1802-06	SC28-1802-07	SC28-1802-08	SC28-1802-09
OS/390 JES3 Initialization and Tuning Reference	SC28-1803-04	SC28-1803-05	SC28-1803-06	SC28-1803-07
OS/390 JES3 Messages	GC28-1804-06	GC28-1804-07	GC28-1804-08	GC28-1804-09
OS/390 JES3 Introduction	GC28-1808-01	GC28-1808-02	GC28-1808-02	GC28-1808-02
OS/390 JES3 Commands Summary	GX22-0042-06	GX22-0042-07	GX22-0042-08	GX22-0042-09
OS/390 JES3 Customization	SY28-1089-06	SY28-1089-07	SY28-1089-08	SY28-1089-09
OS/390 JES3 Data Areas, Volume 1	SY28-1179-05	SY28-1179-06	SY28-1179-07	SY28-1179-08
OS/390 JES3 Data Areas, Volume 2	SY28-1180-05	SY28-1180-06	SY28-1180-07	SY28-1180-08
OS/390 JES3 Data Areas, Volume 3	SY28-1181-05	SY28-1181-06	SY28-1181-07	SY28-1181-08
OS/390 JES3 Data Areas, Volume 4	SY28-1182-05	SY28-1182-06	SY28-1182-07	SY28-1182-08
OS/390 JES3 Diagnosis	SY28-1090-06	SY28-1090-07	SY28-1090-08	SY28-1090-09
OS/390 JES3 Diagnosis Reference	SY28-1092-04	SY28-1092-05	SY28-1092-06	SY28-1092-07
Language Environment				
OS/390 Language Environment for OS/390 & VM Programming Guide	SC28-1939-06	SC28-1939-07	SC28-1939-08	SC28-1939-09
OS/390 Language Environment for OS/390 & VM Programming Reference	SC28-1940-06	SC28-1940-07	SC28-1940-08	SC28-1940-10 Refreshed in softcopy only
OS/390 Language Environment for OS/390 Customization	SC28-1941-06	SC28-1941-07	SC28-1941-08	SC28-1941-09
OS/390 Language Environment for OS/390 & VM Debugging Guide and Run-Time Messages	SC28-1942-06	SC28-1942-07	SC28-1942-08	SC28-1942-09

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 Language Environment for OS/390 & VM Writing Interlanguage Communication Applications	SC28-1943-06	SC28-1943-07	SC28-1943-08	SC28-1943-09
OS/390 Language Environment for OS/390 & VM Run-Time Migration Guide	SC28-1944-06	SC28-1944-07	SC28-1944-08	SC28-1944-09
OS/390 Language Environment for OS/390 & VM Concepts Guide	GC28-1945-06	GC28-1945-07	GC28-1945-08	GC28-1945-09
OS/390 Language Environment for OS/390 & VM Vendor Interfaces	--	--	--	SY28-1152-09 Refreshed in softcopy only
LANRES				
OS/390 LAN Resource Extension and Services Installation Guide	GC28-1736-02	GC28-1736-03	GC28-1736-03	GC28-1736-03
OS/390 LAN Resource Extension and Services Configuration Files and Commands	SC28-1735-02	SC28-1735-03	SC28-1735-03	SC28-1735-03
LAN Server				
OS/390 LAN Server Guide	SC28-1731-04	SC28-1731-04	SC28-1731-04	--
OS/390 LAN Server Configuration Files and Commands	SC28-1732-03	SC28-1732-03	SC28-1732-03	--
OS/390 LAN Server Installation Guide	GC28-1733-03	GC28-1733-03	GC28-1733-03	--
MVS				
OS/390 MVS Conversion Notebook	GC28-1747-07	GC28-1747-08	GC28-1747-09	GC28-1747-11 Refreshed in softcopy only
OS/390 MVS Data Areas, Volume 1	SY28-1164-06	SY28-1164-07	SY28-1164-08	SY28-1164-09
OS/390 MVS Data Areas, Volume 2	SY28-1165-06	SY28-1165-07	SY28-1165-08	SY28-1165-09
OS/390 MVS Data Areas, Volume 3	SY28-1166-06	SY28-1166-07	SY28-1166-08	SY28-1166-09
OS/390 MVS Data Areas, Volume 4	SY28-1167-06	SY28-1167-07	SY28-1167-08	SY28-1167-09
OS/390 MVS Data Areas, Volume 5	SY28-1168-06	SY28-1168-07	SY28-1168-08	SY28-1168-09
OS/390 MVS Device Validation Support	GC28-1748-01	GC28-1748-01	GC28-1748-01	GC28-1748-01

Order Numbers by Release

Title	R7.0	R8.0	R9.0	R10.0
OS/390 MVS Diagnosis: Procedures	SY28-1082-02	SY28-1082-02	SY28-1082-02	SY28-1082-03 Refreshed in softcopy only
OS/390 MVS Diagnosis: Reference	SY28-1084-05	SY28-1084-06	SY28-1084-07	SY28-1084-09 Refreshed in softcopy only
OS/390 MVS Diagnosis: Tools and Service Aids	SY28-1085-05	SY28-1085-06	SY28-1085-07	SY28-1085-09 Refreshed in softcopy only
OS/390 MVS Dump Output Messages	GC28-1749-06	GC28-1749-08 Refreshed in softcopy only	GC28-1749-10 Refreshed in softcopy only	GC28-1749-12 Refreshed in softcopy only
OS/390 MVS Initialization and Tuning Guide	SC28-1751-05	SC28-1751-06	SC28-1751-07	SC28-1751-09 Refreshed in softcopy only
OS/390 MVS Initialization and Tuning Reference	SC28-1752-08 Refreshed in softcopy only	SC28-1752-09	SC28-1752-10	SC28-1752-12 Refreshed in softcopy only
OS/390 MVS Installation Exits	SC28-1753-05	SC28-1753-06	SC28-1753-06	SC28-1753-08 Refreshed in softcopy only
OS/390 MVS Interactive Problem Control System (IPCS) Commands	GC28-1754-06	GC28-1754-07	GC28-1754-08	GC28-1754-09
OS/390 MVS Interactive Problem Control System (IPCS) Customization	GC28-1755-03	GC28-1755-04	GC28-1755-04	GC28-1755-06 Refreshed in softcopy only
OS/390 MVS Interactive Problem Control System (IPCS) User's Guide	GC28-1756-03	GC28-1756-03	GC28-1756-03	GC28-1756-05 Refreshed in softcopy only
OS/390 MVS JCL Reference	GC28-1757-06	GC28-1757-07	GC28-1757-08	GC28-1757-09
OS/390 MVS JCL User's Guide	GC28-1758-05	GC28-1758-06	GC28-1758-07	GC28-1758-08
OS/390 MVS Planning: APPC/MVS Management	GC28-1807-05	GC28-1807-05	GC28-1807-06	GC28-1807-06
OS/390 MVS Planning: Global Resource Serialization	GC28-1759-05	GC28-1759-06	GC28-1759-07	GC28-1759-08
OS/390 MVS Planning: Operations	GC28-1760-06	GC28-1760-07	GC28-1760-07	GC28-1760-07
OS/390 MVS Planning: Workload Management	GC28-1761-08	GC28-1761-10	GC28-1761-11	GC28-1761-13 Refreshed in softcopy only
OS/390 MVS Product Management	GC28-1730-06	GC28-1730-06	GC28-1730-07	GC28-1730-07
OS/390 MVS Programming: Assembler Services Guide	GC28-1762-05	GC28-1762-06	GC28-1762-07	GC28-1762-09 Refreshed in softcopy only

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OS/390 MVS Programming: Authorized Assembler Services Guide	GC28-1763-07 Refreshed in softcopy only	GC28-1763-08	GC28-1763-09	GC28-1763-11 Refreshed in softcopy only
OS/390 MVS Programming: Authorized Assembler Services Reference, Volume 1 (ALESERV-DYNALLO)	GC28-1764-06	GC28-1764-06	GC28-1764-07	GC28-1764-09 Refreshed in softcopy only
OS/390 MVS Programming: Authorized Assembler Services Reference, Volume 2 (ENFREQ-IXGWRITE)	GC28-1765-08 Refreshed in softcopy only	GC28-1765-09	GC28-1765-10	GC28-1765-12 Refreshed in softcopy only
OS/390 MVS Programming: Authorized Assembler Services Reference, Volume 3 (LLACOPY-SDUMPX)	GC28-1766-05	GC28-1766-05	GC28-1766-06	GC28-1766-08 Refreshed in softcopy only
OS/390 MVS Programming: Authorized Assembler Services Reference, Volume 4 (SETFRR-WTOR)	GC28-1767-06	GC28-1767-06	GC28-1767-07	GC28-1767-09 Refreshed in softcopy only
OS/390 MVS Programming: Callable Services for High-Level Languages	GC28-1768-06	GC28-1768-06	GC28-1768-06	GC28-1768-07 Refreshed in softcopy only
OS/390 MVS Programming: Extended Addressability Guide	GC28-1769-04	GC28-1769-04	GC28-1769-04	GC28-1769-05 Refreshed in softcopy only
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OS/390 MVS Programming: Product Registration	GC28-1729-02	GC28-1729-02	GC28-1729-02	GC28-1729-03 Refreshed in softcopy only
OS/390 MVS Programming: Resource Recovery	GC28-1739-04	GC28-1739-05	GC28-1739-06	GC28-1739-08 Refreshed in softcopy only
OS/390 MVS Programming: Sysplex Services Guide	GC28-1771-06	GC28-1771-07	GC28-1771-08	GC28-1771-10 Refreshed in softcopy only
OS/390 MVS Programming: Sysplex Services Reference	GC28-1772-06	GC28-1772-07	GC28-1772-08	GC28-1772-10 Refreshed in softcopy only
OS/390 MVS Programming: Workload Management Services	GC28-1773-06	GC28-1773-06	GC28-1773-07	GC28-1773-08

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OS/390 MVS Programming: Writing Servers for APPC/MVS	GC28-1774-03	GC28-1774-03	GC28-1774-03	GC28-1774-03
OS/390 MVS Programming: Writing Transaction Programs for APPC/MVS	GC28-1775-03	GC28-1775-04	GC28-1775-05	GC28-1775-05
OS/390 MVS Programming: Writing Transaction Schedulers for APPC/MVS	GC28-1776-03	GC28-1776-03	GC28-1776-03	GC28-1776-03
OS/390 MVS Recovery and Reconfiguration Guide	GC28-1777-04	GC28-1777-05	GC28-1777-05	GC28-1777-05
OS/390 MVS Routing and Descriptor Codes	GC28-1778-07 Refreshed in softcopy only	GC28-1778-09 Refreshed in softcopy only	GC28-1778-11 Refreshed in softcopy only	GC28-1778-13 Refreshed in softcopy only
OS/390 MVS Setting Up a Sysplex	GC28-1779-06	GC28-1779-07	GC28-1779-08	GC28-1779-10 Refreshed in softcopy only
OS/390 MVS System Codes	GC28-1780-08 Refreshed in softcopy only	GC28-1780-10 Refreshed in softcopy only	GC28-1780-12 Refreshed in softcopy only	GC28-1780-14 Refreshed in softcopy only
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OS/390 MVS System Commands Summary	GX22-0040-06	GX22-0040-07	GX22-0040-08	GX22-0040-10 Refreshed in softcopy only
OS/390 MVS System Data Set Definition	GC28-1782-01	GC28-1782-01	GC28-1782-01	GC28-1782-02
OS/390 MVS System Management Facilities (SMF)	GC28-1783-07	GC28-1783-08	GC28-1783-10 Refreshed in softcopy only	GC28-1783-12 Refreshed in softcopy only
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OS/390 MVS Using the Functional Subsystem Interface	SC28-1911-02	SC28-1911-03	SC28-1911-03	SC28-1911-03

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OS/390 MVS Using the Subsystem Interface	SC28-1789-04	SC28-1789-05	SC28-1789-06	SC28-1789-07
Network File System				
OS/390 Network File System Customization and Operation	SC26-7253-00	SC26-7253-00	SC26-7253-00	SC26-7253-00
OS/390 Network File System Performance Tuning Guide	SC26-7255-00	SC26-7255-00	SC26-7255-00	SC26-7255-00
OS/390 Network File System User's Guide	SC26-7254-00	SC26-7254-00	SC26-7254-00	SC26-7254-00
NetQuestion				
Webserver Search Engine Installation	SC31-8663-00	--	--	--
Webserver Search Engine Administration	SC31-8664-00	--	--	--
NetQuestion: Programming Guide	SH12-6295-00	--	--	--
OSA/SF (Open Systems Adapter/Support Facility)				
Planning for the System/390 Open Systems Adapter (OSA-1, OSA-2) Feature	GC23-3870-08	GC23-3870-08	GC23-3870-08	GC23-3870-08
OS/390 Open Systems Adapter Support Facility User's Guide for OSA-2	SC28-1855-06	SC28-1855-06	SC28-1855-06	SC28-1855-06
S/390 Open Systems Adapter Support Facility Express Customer's Guide and Reference	SA22-7403-00	SA22-7403-00	SA22-7403-01	SA22-7403-03
Parallel Sysplex				
OS/390 Parallel Sysplex Test Report	GC28-1963-15	GC28-1963-15 Latest level available on the internet	GC28-1963-15 Latest level available on the internet	GC28-1963-18 Latest level available on the internet
Parallel Sysplex Recovery	GA22-7286-00	GA22-7286-00	GA22-7286-00	GA22-7286-00
OS/390 Parallel Sysplex Overview: An Introduction to Data Sharing and Parallelism	GC28-1860-04	GC28-1860-05	GC28-1860-05	GC28-1860-06
System/390 MVS Sysplex Systems Management	GC28-1861-03	GC28-1861-03	GC28-1861-03	--
System/390 MVS Sysplex Hardware and Software Migration	GC28-1862-03	GC28-1862-04	GC28-1862-04	--
OS/390 Parallel Sysplex Application Migration	GC28-1863-03	GC28-1863-03	GC28-1863-04	GC28-1863-04
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OS/390 Print Server Overview	G544-5545-00	--	--	--
OS/390 Print Interface Configuration Guide	G544-5544-01	--	--	--
OS/390 Print Server User's Guide for OS/390 UNIX System Services	S544-5543-01	--	--	--
OS/390 Print Server User's Guide for Windows	S544-5511-01	--	--	--
IBM IP PrintWay Guide	S544-5379-04	--	--	--
IBM NetSpool Guide	G544-5301-05	--	--	--
RMF				
OS/390 RMF Report Analysis	SC28-1950-04	SC28-1950-04	SC28-1950-04	SC28-1950-06 Refreshed in softcopy only
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OS/390 RMF Messages and Codes	GC28-1948-04	GC28-1948-05 Refreshed in softcopy only	GC28-1948-05	GC28-1948-07 Refreshed in softcopy only
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OS/390 RMF User's Guide	SC28-1949-04	SC28-1949-04	SC28-1949-04	SC28-1949-06 Refreshed in softcopy only
OS/390 RMF Programmer's Guide	SC28-1952-04	SC28-1952-04	SC28-1952-04	SC28-1952-05
OS/390 RMF NewsFLASH	SC28-1986-08	SC28-1986-09	SC28-1986-10	SC28-1986-11
SDSF				
OS/390 SDSF Guide and Reference	SC28-1622-02	SC28-1622-03	SC28-1622-03	SC28-1622-04
OS/390 SDSF Customization and Security	SC28-1623-02	SC28-1623-02	SC28-1623-02	SC28-1623-03
SecureWay Communications Server (see IBM Communications Server)				
SecureWay Security Server				
OS/390 SecureWay Security Server RACF Introduction	GC28-1912-05	GC28-1912-06	GC28-1912-06	GC28-1912-07
OS/390 SecureWay Security Server RACF System Programmer's Guide	SC28-1913-05	SC28-1913-06	SC28-1913-06	SC28-1913-08 Refreshed in softcopy only

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OS/390 SecureWay Security Server RACF General User's Guide	SC28-1917-05	SC28-1917-06	SC28-1917-06	SC28-1917-07
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OS/390 SecureWay Security Server RACF Diagnosis Guide	SY27-2639-05	SY27-2639-06	SY27-2639-06	SY27-2639-08 Refreshed in softcopy only
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OS/390 Security Server (DCE) Overview	GC28-1938-03	GC28-1938-03	GC28-1938-03	GC28-1938-03
OS/390 SecureWay Security Server LDAP Server Administration and Usage Guide	SC24-5861-02	SC24-5861-04	SC24-5861-04	SC24-5861-06 Refreshed in softcopy only
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OS/390 SecureWay Security Server Firewall Technologies Guide and Reference	SC24-5835-03	SC24-5835-04	SC24-5835-04	SC24-5835-06 Refreshed in softcopy only
OS/390 SecureWay Security Server Open Cryptographic Enhanced Plug-ins Guide and Reference	--	SA22-7429-00	SA22-7429-00	SA22-7429-01
OS/390 SecureWay Security Server Network Authentication and Privacy Service Administration	--	--	--	SC24-5896-00
OS/390 SecureWay Security Server Network Authentication and Privacy Service Programming	--	--	--	SC24-5897-00
SMP/E				
OS/390 SMP/E Diagnosis Guide	SC28-1737-05	SC28-1737-05	SC28-1737-05	SC28-1737-06
OS/390 SMP/E Messages and Codes	SC28-1738-05	SC28-1738-06	SC28-1738-06	SC28-1738-07
OS/390 SMP/E Commands	SC28-1805-05	SC28-1805-05	SC28-1805-05	SC28-1805-06
OS/390 SMP/E Reference	SC28-1806-05	SC28-1806-05	SC28-1806-05	SC28-1806-06
OS/390 SMP/E User's Guide	SC28-1740-05	SC28-1740-05	SC28-1740-05	SC28-1740-06
Standard Packaging Rules for MVS-Based Products	SC23-3695-08	SC23-3695-09	SC23-3695-09	SC23-3695-09
SOMobjects				
OS/390 SOMobjects Configuration and Administration Guide	GC28-1851-01	GC28-1851-01	GC28-1851-01	GC28-1851-01
OS/390 SOMobjects: Getting Started	GA22-7248-01	GA22-7248-01	GA22-7248-01	GA22-7248-01
OS/390 SOMobjects Messages, Codes, and Diagnosis	SC28-1996-01	SC28-1996-01	SC28-1996-01	SC28-1996-01
OS/390 SOMobjects Object Services	SC28-1995-01	SC28-1995-01	SC28-1995-01	SC28-1995-01
OS/390 SOMobjects Programmer's Guide	GC28-1859-03	GC28-1859-03	GC28-1859-03	GC28-1859-03
OS/390 SOMobjects Programmer's Reference, Volume 1	SC28-1997-01	SC28-1997-01	SC28-1997-01	SC28-1997-01

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OS/390 SOMobjects Programmer's Reference, Volume 2	SC28-1998-01	SC28-1998-01	SC28-1998-01	SC28-1998-01
OS/390 SOMobjects Programmer's Reference, Volume 3	SC28-1999-01	SC28-1999-01	SC28-1999-01	SC28-1999-01
Text Search				
OS/390 Text Search: Programming the Text Search Engine	--	SH12-6295-03	SH12-6295-04	SH12-6295-05
OS/390 Text Search: Installation and Administration for the Text Search Engine	--	SH12-6387-01	SH12-6387-02	SH12-6387-03
OS/390 Text Search: NetQuestion Solution	--	SH12-6360-01	SH12-6360-02	SH12-6360-03
TSO/E				
OS/390 TSO/E Administration	SC28-1966-00	SC28-1966-00	SC28-1966-01	SC28-1966-01
OS/390 TSO/E CLISTs	SC28-1973-02	SC28-1973-02	SC28-1973-03	SC28-1973-04
OS/390 TSO/E Command Reference	SC28-1969-02	SC28-1969-03	SC28-1969-04	SC28-1969-05
OS/390 TSO/E Customization	SC28-1965-01	SC28-1965-02	SC28-1965-03	SC28-1965-04
OS/390 TSO/E System Diagnosis: Data Areas	SC33-6678-00	SC33-6678-00	SC33-6678-01	SC33-6678-01
OS/390 TSO/E General Information	GC28-1964-01	GC28-1964-02	GC28-1964-03	GC28-1964-04
OS/390 TSO/E Guide to the Server-Requester Programming Interface	SC28-1976-01	SC28-1976-01	SC28-1976-02	SC28-1976-02
OS/390 TSO/E Messages	GC28-1978-02	GC28-1978-03	GC28-1978-04	GC28-1978-05
OS/390 TSO/E Primer	GC28-1967-01	GC28-1967-01	GC28-1967-02	GC28-1967-02
OS/390 TSO/E Programming Guide	SC28-1970-00	SC28-1970-01	SC28-1970-02	SC28-1970-02
OS/390 TSO/E Programming Services	SC28-1971-02	SC28-1971-03	SC28-1971-04	SC28-1971-04
OS/390 TSO/E REXX Reference	SC28-1975-02	SC28-1975-03	SC28-1975-04	SC28-1975-05
OS/390 TSO/E REXX User's Guide	SC28-1974-01	SC28-1974-01	SC28-1974-02	SC28-1974-02
OS/390 TSO/E System Programming Command Reference	SC28-1972-02	SC28-1972-02	SC28-1972-03	SC28-1972-04
OS/390 TSO/E User's Guide	SC28-1968-01	SC28-1968-01	SC28-1968-02	SC28-1968-03
OS/390 UNIX System Services				

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OS/390 UNIX System Services Planning	SC28-1890-07	SC28-1890-08	SC28-1890-09	SC28-1890-11 Refreshed in softcopy only
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OS/390 UNIX System Services Command Reference	SC28-1892-07 Refreshed in softcopy only	SC28-1892-08	SC28-1892-09	SC28-1892-11 Refreshed in softcopy only
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OS/390 UNIX System Services Messages and Codes	SC28-1908-06	SC28-1908-07	SC28-1908-08	SC28-1908-10 Refreshed in softcopy only
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OS/390 UNIX System Services Connection Scaling Reference	SA22-7305-02	SA22-7305-03	SA22-7305-03	SA22-7305-04
OS/390 UNIX System Services Parallel Environment: Operation and Use	SC33-6697-01	SC33-6697-01	SC33-6697-02	SC33-6697-02
OS/390 UNIX System Services Parallel Environment: MPI Programming and Subroutine Reference	SC33-6696-01	SC33-6696-01	SC33-6696-02	SC33-6696-02
VisualLift				
General Information Manual for VisualLift	GC33-6690-00	GC33-6690-00	GC33-6690-00	--
VisualLift User's Guide	SC33-6691-02	SC33-6691-02	SC33-6691-02	--
OS/390 VisualLift Run-Time Environment	SC33-6693-00	SC33-6693-00	SC33-6693-00	--
WebSphere Application Server				
Application Server Planning, Installing, and Using V1.2 for OS/390	--	GC34-4757-01 Refreshed in softcopy only	GC34-4757-02 Refreshed in softcopy only	--

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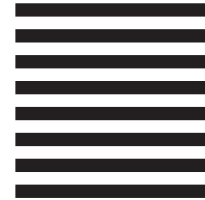
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