

Function	Description	No SAF decision	SERVAUTH resource name
			LOGSTR in any SAF logging (SMF type 80 records for RACF)
Broadcast access control	Provides ability to control whether an application is permitted to set the SO_BROADCAST socket option needed to send broadcast datagrams	Permit	EZB.SOCKOPT. <i>sysname.tcpname</i> .SO_BROADCAST
			TCPIP SOCKOPT ACCESS CHECK
CIM provider access control	Provides ability to restrict access to CIM data	Deny	EZB.CIMPROV. <i>sysname.tcpname</i>
			TCPIP CIM PROVIDER CHECK
DCAS server access control	Controls ability to access DCAS server based on SAF user ID associated with TLS-authenticated X.509 client certificate	Permit	EZA.DCAS. <i>cotsysname</i>
			DCAS SAFCERT CHECK FOR USER <i>certuser</i> or TCPIP EZACDRAU AUTH CHECK FOR EZA.DCAS. <i>cotsysname</i>
Fast Response Cache Accelerator (FRCA) Access Control	Provides ability of user to create FRCA cache (FRCA used by web servers for caching static web pages in the stack)	Deny, see result 1	EZB.FRCAACCESS. <i>sysname.tcpname</i>
			TCPIP FRCA ACCESS CHECK
FTP server access control	Controls ability to access FTP server based on SAF user ID used to log in	Permit	EZB.FTP. <i>sysname.ftpdacmonname</i> .PORT. <i>xxxx</i>
			(none)
FTP SITE command control	Provides ability to restrict usage of SITE DUMP and DEBUG commands (commands generate large amount of output)	Permit	EZB.FTP. <i>sysname.ftpdacmonname</i> .SITE.DUMP
			EZB.FTP. <i>sysname.ftpdacmonname</i> .SITE.DEBUG (none)

# Communications Server Ip User Guide And Commands

**Roman Wölfel**



## **Communications Server Ip User Guide And Commands:**

**IBM z/OS V1R13 Communications Server TCP/IP Implementation: Volume 2 Standard Applications** Mike Ebberts, Rama Ayyar, Octavio L. Ferreira, Yohko Ojima, Gilson Cesar de Oliveira, Mike Riches, Maulide Xavier, IBM Redbooks, 2011-12-27 For more than 40 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications The IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors providing among many other capabilities world class state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance about how to enable the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication provides useful implementation scenarios and configuration recommendations for many of the TCP IP standard applications that z OS Communications Server supports For more specific information about z OS Communications Server standard applications high availability and security see the other volumes in the series IBM z OS V1R13 Communications Server TCP IP Implementation Volume 1 Base Functions Connectivity and Routing SG24 7996 IBM z OS V1R13 Communications Server TCP IP Implementation Volume 3 High Availability Scalability and Performance SG24 7998 IBM z OS V1R13 Communications Server TCP IP Implementation Volume 4 Security and Policy Based Networking SG24 7999 For comprehensive descriptions of the individual parameters for setting up and using the functions that we describe in this book along with step by step checklists and supporting examples see the following publications z OS Communications Server IP Configuration Guide SC31 8775 z OS Communications Server IP Configuration Reference SC31 8776 z OS Communications Server IP User's Guide and Commands SC31 8780 This book does not duplicate the information in those publications Instead it complements them with practical implementation scenarios that can be useful in your environment To determine at what level a specific function was introduced see z OS Communications Server New Function Summary GC31 8771 For complete details we encourage you to review the documents that are listed in the additional resources section at the end of each chapter

*IBM z/OS V2R1 Communications Server TCP/IP Implementation Volume 2: Standard Applications* Rufus P. Credle Jr., Uma Maheswari Kumaraguru, Gilson Cesar de Oliveira, Micky Reichenberg, Georg Senfleben, Rutsakon Techo, Maulide Xavier, IBM Redbooks, 2013-12-17 For more than 40 years IBM

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

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**Communications Server TCP/IP Implementation Volume 1: Base Functions, Connectivity, and Routing** Rufus P.

Credle Jr.,Uma Maheswari Kumaraguru,Gilson Cesar de Oliveira,Micky Reichenberg,Georg Senfleben,Rutsakon Techo,Maulide Xavier,IBM Redbooks,2015-05-04 For more than 40 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors in providing among many other capabilities world class state of the art support for the TCP/IP Internet protocol suite TCP/IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP/IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP/IP is dramatically changing the face of information technology and driving requirements for even more secure scalable and highly available mainframe TCP/IP implementations The IBM z OS Communications Server TCP/IP Implementation series provides understandable step by step guidance for enabling the most commonly used and important functions of z OS Communications Server TCP/IP This IBM Redbooks publication is for people who install and support z OS Communications Server It introduces z OS Communications Server TCP/IP describes the system resolver showing implementation of global and local settings for single and multi stack environments It presents implementation scenarios for TCP/IP base functions connectivity routing virtual MAC support and sysplex subplexing **IBM z/OS V2R1**

**Communications Server TCP/IP Implementation Volume 4: Security and Policy-Based Networking** Rufus P. Credle

Jr.,Uma Maheswari Kumaraguru,Gilson Cesar de Oliveira,Micky Reichenberg,Georg Senfleben,Rutsakon Techo,Maulide Xavier,IBM Redbooks,2016-02-10 For more than 40 years IBM mainframes have supported an extraordinary portion of the world's computing work providing centralized corporate databases and mission critical enterprise wide applications IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM

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**z/OS V1R11 Communications Server TCP/IP Implementation Volume 3: High Availability, Scalability, and**

**Performance** Bill White,Mike Ebbers,Demerson Cilloti,Gwen Dente,Sandra Elisa Freitag,Hajime Nagao,Carlos Bento Nonato,Frederick James Rathweg,Micky Reichenberg,Maulide Xavier,Thanks to the following people,IBM

Redbooks,2010-02-22 For more than 40 years IBM mainframes have supported an extraordinary portion of the world s computing work providing centralized corporate databases and mission critical enterprise wide applications The IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors providing among many other capabilities world class state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable

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**IBM HiperSockets Implementation Guide** Mike Ebberts, Micky Reichenberg, Alexandra Winter, IBM Redbooks, 2014-06-10 This IBM Redbooks publication provides information about the IBM System z HiperSockets™ function It offers a broad description of the architecture functions and operating systems support This publication will help you plan and implement HiperSockets It provides information about the definitions needed to configure HiperSockets for the supported operating systems This book is intended for system programmers network planners and systems engineers who want to plan and install HiperSockets A solid background in network and Transmission Control Protocol/Internet Protocol (TCP/IP) is assumed

**OSA-Express Implementation Guide** Mike Ebberts, Wonjin Chung, Dody Kurniadi, Joselito Manoto, IBM Redbooks, 2014-06-04 This IBM Redbooks publication will help you to install and configure the Open Systems Adapter (OSA) features that are available on IBM zEnterprise servers It focuses on the hardware installation and the software definitions that are necessary to provide connectivity to LAN environments This information will



help you with planning and system setup This book also includes helpful utilities and commands for monitoring and managing the OSA features This information will be helpful to systems engineers network administrators and system programmers who plan for and install OSA features The reader is expected to have a good understanding of IBM System z hardware Hardware Configuration Definition HCD or the input output configuration program IOCP Open Systems Adapter Support Facility OSA SF Systems Network Architecture Advanced Peer to Peer Networking SNA APPN and TCP IP protocol **IBM z/OS V1R11 Communications Server TCP/IP Implementation Volume 4: Security and Policy-Based Networking** Bill White, Mike Ebbers, Demerson Cilloti, Gwen Dente, Sandra Elisa Freitag, Hajime Nagao, Carlos Bento Nonato, Matt Nuttall, Frederick James Rathweg, Micky Reichenberg, Andi Wijaya, Maulide Xavier, IBM Redbooks, 2010-04-26 Note This PDF is over 900 pages so when you open it with Adobe Reader and then do a Save As the save process could time out Instead right click on the PDF and select Save Target As For more than 40 years IBM mainframes have supported an extraordinary portion of the world s computing work providing centralized corporate databases and mission critical enterprise wide applications The IBM System z the latest generation of the IBM distinguished family of mainframe systems has come a long way from its IBM System 360 heritage Likewise its IBM z OS operating system is far superior to its predecessors providing among many other capabilities world class state of the art support for the TCP IP Internet protocol suite TCP IP is a large and evolving collection of communication protocols managed by the Internet Engineering Task Force IETF an open volunteer organization Because of its openness the TCP IP protocol suite has become the foundation for the set of technologies that form the basis of the Internet The convergence of IBM mainframe capabilities with Internet technology connectivity and standards particularly TCP IP is dramatically changing the face of information technology and driving requirements for ever more secure scalable and highly available mainframe TCP IP implementations The IBM z OS Communications Server TCP IP Implementation series provides understandable step by step guidance about how to enable the most commonly used and important functions of z OS Communications Server TCP IP This IBM Redbooks publication explains how to set up security for your z OS networking environment With the advent of TCP IP and the Internet network security requirements have become more stringent and complex Because many transactions come from unknown users and from untrusted networks such as the Internet careful attention must be given to host and user authentication data privacy data origin authentication and data integrity Also because security technologies are complex and can be confusing we include helpful tutorial information in the appendixes of this book For more specific information about z OS Communications Server base functions standard applications and high availability refer to the other volumes in the series IBM z OS V1R11 Communications Server TCP IP Implementation Volume 1 Base Functions Connectivity and Routing SG24 7798 IBM z OS V1R11 Communications Server TCP IP Implementation Volume 2 Standard Applications SG24 7799 IBM z OS V1R11 Communications Server TCP IP Implementation Volume 3 High Availability Scalability and Performance SG24 7800 In addition z OS Communications Server IP Configuration Guide SC31

8775 z OS Communications Server IP Configuration Reference SC31 8776 and z OS Communications Server IP User's Guide and Commands SC31 8780 contain comprehensive descriptions of the individual parameters for setting up and using the functions that we describe in this book. They also include step by step checklists and supporting examples. It is not the intent of this book to duplicate the information in those publications but to complement them with practical implementation scenarios that might be useful in your environment. To determine at what level a specific function was introduced refer to z OS Communications Server New Function Summary GC31 8771.

**IBM Z/Os V1R13 Communications Server TCP/IP Implementation**, 2011

**Cisco Router Configuration** Allan Leinwand, Bruce Pinsky, 2000. A Practical Introduction to Cisco IOS 12.0 Configuration. Written by senior managers of Digital Island, the e Business solutions company that counts AOL, MSNBC, CNBC, Mastercard International, the LA Times and National Semiconductor among its customers. Extensive case study of an entire internetwork complete with Cisco IOS configurations. Practical examples explaining the basics of Cisco router configuration get readers up to speed quickly. Cisco IOS output is detailed with numerous examples and clear explanations. Cisco Router Configuration Second Edition helps novice Cisco users with the basic administration of their internetworking devices. Using straightforward case studies and practical examples, this book teaches IOS software fundamentals for configuring, operating and maintaining internetworking devices. Cisco Router Configuration Second Edition provides an overview of Cisco IOS software. It describes basic information on Cisco devices and device interfaces: Ethernet, Token Ring, FDDI, Frame Relay, ATM. The basics of IP, IPX and AppleTalk are explained and the book shows how to use Cisco IOS software to configure addresses, routes and routing protocols within these three protocols. Additionally, the book provides an elaborate example of an entire network setup with complete Cisco IOS configurations. All information in this second edition contains IOS 12.0 syntax.

*Guide to TCP/IP* Laura Chappell, Ed Tittel, 2006-08-14. This text provides a comprehensive look at TCP/IP. It includes coverage of the latest TCP/IP stack implementations illustrating key skills with extensive hands-on projects in depth case projects and review questions in each chapter.

**X Manual Set: X user commands**, 1988

Windows User's Guide to DOS - Using the Command Line in Windows 2000 Professional Carolyn Z. Gillay, Bette A. Peat, 2002. Carolyn Gillay and Bette Peat have teamed up again to write the Windows 2000 Professional version of their runaway bestseller *Windows User's Guide to DOS*. Like its predecessor, this book is aimed at the student who has had little or no experience in working with a computer at the operating system level. It is suitable for a three credit, 16 week semester length course.

TCP/IP Tutorial and Technical Overview Eamon Murphy, 1995. The fifth edition of this very successful IBM Redbook provides a complete understanding of the TCP/IP protocol suite and how IBM's suite of networking products work in a heterogeneous networking environment. New features include an Internet access chapter and new sections on MIME, SNMPv2, DHCP and other state of the art protocols.

**The McGraw-Hill Internetworking Command Reference** Ed Taylor, 1995. A companion reference to the author's *Internetworking Handbook* that provides network managers a single source for all the major

multivendor software commands File structures of UNIX MVS DEC OS 40 etc and all the most frequently used commands included in this one stop indispensable reference      **X Window System User's Guide** Valerie Quercia, Tim O'Reilly, 1991

**SNA and TCP/IP Integration Handbook** Ed Taylor, 1999 Ed Taylor breaks down the complex SNA TCP IP challenge into manageable chunks In this essential handbook he provides everything network administrators and managers need to ensure a smooth transition from SNA to TCP IP or an integrated environment No matter what your level of expertise or depth of technical knowledge this book provides the bridges the background and the clear uncompromising detail that you need to guarantee integration Fully illustrated with diagrams this book brings you assured guidance in design configuration internetworking and maintenance

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