



Preface

This preface describes who should read the *Cisco ACNS Software Command Reference*, how it is organized, and its document conventions. It contains the following sections:

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Audience

This command reference is for experienced network administrators familiar with TCP/IP networking concepts and router configuration.

Document Organization

This command reference includes the following chapters:

Chapter	Title	Description
Chapter 1	Command-Line Interface Command Summary	Describes how to use the command-line interface.
Chapter 2	Cisco ACNS Software Commands	Lists Application and Content Networking System (ACNS) software commands in alphabetical order and provides detailed descriptions of their use.

Document Conventions

This command reference uses basic conventions to represent text and table information.

Convention	Description
boldface font	Commands, keywords, and button names are in boldface .
<i>italic font</i>	Variables for which you supply values are in <i>italics</i> . Directory names and filenames are also in italics.
screen font	Terminal sessions and information the system displays are printed in screen font.
boldface screen font	Information you must enter is in boldface screen font .
<i>italic screen font</i>	Variables you enter are printed in <i>italic screen font</i> .
plain font	Enter one of a range of options as listed in the syntax description.
^D or Ctrl-D	Hold the Ctrl key while you press the D key.
string	Defined as a nonquoted set of characters. For example, when setting a community string for SNMP to “public,” do not use quotation marks around the string, or the string will include the quotation marks.
Vertical bars ()	Vertical bars separate alternative, mutually exclusive, elements.
{ }	Elements in braces are required elements.
[]	Elements in square brackets are optional.
{ x y z }	Required keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional keywords are grouped in brackets and separated by vertical bars.
[{ }]	Braces within square brackets indicate a required choice within an optional element.



Note

Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in the manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Additional Documentation

For additional information on Cisco Content Delivery Networking products, refer to the following documentation.

- *Documentation Guide for Cisco ACNS Software, Release 5.2*
- *Release Notes for Cisco ACNS Software, Release 5.2*

- *Regulatory Compliance and Safety Information for the Cisco Content Networking Product Series*
- *Cisco Content Engine 510 and 565 Hardware Installation Guide*
- *Installing the Cisco Content Engine 510 and 565*
- *Cisco Content Engine 511 and 566 Hardware Installation Guide*
- *Cisco Content Engine 7305 and 7325 Hardware Installation Guide*
- *Installing the Cisco Content Engine 7305 and 7325*
- *Installing Field-Replaceable Units for the Cisco Content Engine 510 and 565*
- *Installing Field-Replaceable Units for the Cisco Content Engine 7305 and 7325*
- *Cisco ACNS Software Configuration Guide for Centrally Managed Deployments, Release 5.2*
- *Cisco ACNS Software Configuration Guide for Locally Managed Deployments, Release 5.2*
- *Cisco ACNS Software API Guide, Release 5.2*
- *Cisco Storage Array SA-7 and SA-14 Installation and Configuration Guide*

The following sections provide sources for obtaining documentation from Cisco Systems.

Obtaining Documentation

Cisco documentation and additional literature are available on Cisco.com. Cisco also provides several ways to obtain technical assistance and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

You can access the most current Cisco documentation at this URL:

<http://www.cisco.com/univercd/home/home.htm>

You can access the Cisco website at this URL:

<http://www.cisco.com>

You can access international Cisco websites at this URL:

http://www.cisco.com/public/countries_languages.shtml

Ordering Documentation

You can find instructions for ordering documentation at this URL:

http://www.cisco.com/univercd/cc/td/doc/es_inpk/pdi.htm

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Ordering tool:

<http://www.cisco.com/en/US/partner/ordering/index.shtml>

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, USA) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

You can send comments about technical documentation to bug-doc@cisco.com.

You can submit comments by using the response card (if present) behind the front cover of your document or by writing to the following address:

Cisco Systems
Attn: Customer Document Ordering
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, Cisco Technical Support provides 24-hour-a-day, award-winning technical assistance. The Cisco Technical Support Website on Cisco.com features extensive online support resources. In addition, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not hold a valid Cisco service contract, contact your reseller.

Cisco Technical Support Website

The Cisco Technical Support Website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The website is available 24 hours a day, 365 days a year at this URL:

<http://www.cisco.com/techsupport>

Access to all tools on the Cisco Technical Support Website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at this URL:

<http://tools.cisco.com/RPF/register/register.do>

Submitting a Service Request

Using the online TAC Service Request Tool is the fastest way to open S3 and S4 service requests. (S3 and S4 service requests are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Service Request Tool automatically provides recommended solutions. If your issue is not resolved using the recommended resources, your service request will be assigned to a Cisco TAC engineer. The TAC Service Request Tool is located at this URL:

<http://www.cisco.com/techsupport/servicerequest>

For S1 or S2 service requests or if you do not have Internet access, contact the Cisco TAC by telephone. (S1 or S2 service requests are those in which your production network is down or severely degraded.) Cisco TAC engineers are assigned immediately to S1 and S2 service requests to help keep your business operations running smoothly.

To open a service request by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55

USA: 1 800 553 2447

For a complete list of Cisco TAC contacts, go to this URL:

<http://www.cisco.com/techsupport/contacts>

Definitions of Service Request Severity

To ensure that all service requests are reported in a standard format, Cisco has established severity definitions.

Severity 1 (S1)—Your network is “down,” or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Severity 2 (S2)—Operation of an existing network is severely degraded, or significant aspects of your business operation are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Severity 3 (S3)—Operational performance of your network is impaired, but most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Severity 4 (S4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- Cisco Marketplace provides a variety of Cisco books, reference guides, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:

<http://www.cisco.com/go/marketplace/>

- The Cisco *Product Catalog* describes the networking products offered by Cisco Systems, as well as ordering and customer support services. Access the Cisco Product Catalog at this URL:

<http://cisco.com/univercd/cc/td/doc/pcat/>

- *Cisco Press* publishes a wide range of general networking, training and certification titles. Both new and experienced users will benefit from these publications. For current Cisco Press titles and other information, go to Cisco Press at this URL:

<http://www.ciscopress.com>

- *Packet* magazine is the Cisco Systems technical user magazine for maximizing Internet and networking investments. Each quarter, Packet delivers coverage of the latest industry trends, technology breakthroughs, and Cisco products and solutions, as well as network deployment and troubleshooting tips, configuration examples, customer case studies, certification and training information, and links to scores of in-depth online resources. You can access Packet magazine at this URL:

<http://www.cisco.com/packet>

- *iQ Magazine* is the quarterly publication from Cisco Systems designed to help growing companies learn how they can use technology to increase revenue, streamline their business, and expand services. The publication identifies the challenges facing these companies and the technologies to help solve them, using real-world case studies and business strategies to help readers make sound technology investment decisions. You can access iQ Magazine at this URL:

<http://www.cisco.com/go/iqmagazine>

- *Internet Protocol Journal* is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:

<http://www.cisco.com/ipj>

- World-class networking training is available from Cisco. You can view current offerings at this URL:

<http://www.cisco.com/en/US/learning/index.html>