



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 5.1*
- *Release Notes for Cisco ACNS Software, Release 5.1*

- *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 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 Caching and Streaming Configuration Guide, Release 5.1*
- *Cisco ACNS Software Deployment and Configuration Guide, Release 5.1*
- *SmartFilter for Cisco Content Engine User's Guide, Release 3.2*
- *Cisco ACNS Software Migration Guide, Release 5.1*
- *Cisco ACNS Software API Guide, Release 5.1*
- *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 provides several ways to obtain documentation, 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 on the World Wide Web at this URL:

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

You can access the Cisco website at this URL:

<http://www.cisco.com>

International Cisco websites can be accessed from this URL:

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

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which may have shipped with your product. The Documentation CD-ROM is updated regularly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual or quarterly subscription.

Registered Cisco.com users can order a single Documentation CD-ROM (product number DOC-CONDOCCD=) through the Cisco Ordering tool:

http://www.cisco.com/en/US/partner/ordering/ordering_place_order_ordering_tool_launch.html

All users can order annual or quarterly subscriptions through the online Subscription Store:

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

Click Subscriptions & Promotional Materials in the left navigation bar.

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 Networking Products MarketPlace:

<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 submit e-mail 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, the Cisco Technical Assistance Center (TAC) provides 24-hour-a-day, award-winning technical support services, online and over the phone. Cisco.com features the Cisco TAC website as an online starting point for technical assistance. If you do not hold a valid Cisco service contract, please contact your reseller.

Cisco TAC Website

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

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

Accessing all the tools on the Cisco TAC website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a login ID or password, register at this URL:

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

Opening a TAC Case

Using the online TAC Case Open Tool is the fastest way to open P3 and P4 cases. (P3 and P4 cases are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Case Open Tool automatically recommends resources for an immediate solution. If your issue is not resolved using the recommended resources, your case will be assigned to a Cisco TAC engineer. The online TAC Case Open Tool is located at this URL:

<http://www.cisco.com/tac/caseopen>

For P1 or P2 cases (P1 and P2 cases are those in which your production network is down or severely degraded) or if you do not have Internet access, contact Cisco TAC by telephone. Cisco TAC engineers are assigned immediately to P1 and P2 cases to help keep your business operations running smoothly.

To open a case 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 listing of Cisco TAC contacts, go to this URL:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

TAC Case Priority Definitions

To ensure that all cases are reported in a standard format, Cisco has established case priority definitions.

Priority 1 (P1)—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.

Priority 2 (P2)—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.

Priority 3 (P3)—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.

Priority 4 (P4)—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.

- 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://www.cisco.com/en/US/products/products_catalog_links_launch.html

- 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 online at this URL:

<http://www.ciscopress.com>

- Packet magazine is the Cisco quarterly publication that provides the latest networking trends, technology breakthroughs, and Cisco products and solutions to help industry professionals get the most from their networking investment. Included are networking deployment and troubleshooting tips, configuration examples, customer case studies, tutorials and training, certification information, and links to numerous in-depth online resources. You can access Packet magazine at this URL:

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

- iQ Magazine is the Cisco bimonthly publication that delivers the latest information about Internet business strategies for executives. 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/en/US/about/ac123/ac147/about_cisco_the_internet_protocol_journal.html

- Training—Cisco offers world-class networking training. Current offerings in network training are listed at this URL:

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