



Extended ACL Support for IGMP to Support SSM in IPv4

The Extended ACL Support for IGMP to Support SSM in IPv4 feature enables IGMP Version 3 (IGMPv3) to accommodate extended access lists. IGMPv3 support of extended access lists allows you to leverage an important advantage of Source Specific Multicast (SSM) in IPv4, that of filtering IGMPv3 reports based on source address, group address, or both.

Configuration Information

Configuration information is included in the “Customizing IGMP” module of the *Cisco IOS IP Multicast Configuration Guide*, Release 12.4T, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/timcst_c/igmp/mctigmp.htm

The following sections provide information about this feature:

- Controlling Access to an SSM Network
- Controlling Access to an SSM Network: Examples

For a complete list of features included in the “Customizing IGMP” module, see the Feature Information table located toward the end of the module.

Command Reference Information

Release 12.2SB

The following command is new or modified for this feature:

- **ip igmp access-group**

Detailed information about this command is included in the *Cisco IOS IP Multicast Command Reference*, Release 12.2SB, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/cr/sbimc_r/index.htm



Americas Headquarters:

Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

© 2007 Cisco Systems, Inc. All rights reserved.

Release 12.2SR

The following command is new or modified for this feature:

- **ip igmp access-group**

Detailed information about this command is included in the *Cisco IOS IP Multicast Command Reference*, Release 12.2SR, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/srime_r/index.htm

Release 12.2SX

The following command is new or modified for this feature:

- **ip igmp access-group**

Detailed information about this command is included in the *Cisco IOS IP Multicast Command Reference*, Release 12.2SX, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sx/cr/sxime_r/index.htm

Release 12.4T

The following command is new or modified for this feature:

- **ip igmp access-group**

Detailed information about this command is included in the *Cisco IOS IP Multicast Command Reference*, Release 12.4T, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/timc_r/index.htm

Master Commands Lists

Cisco IOS master commands lists provide an alphabetical list of all Cisco IOS commands in a Cisco IOS release.

Cisco IOS new, modified, removed, and replaced commands lists provide an alphabetized list of all new, modified, removed, and replaced commands in a Cisco IOS release.

Release 12.2SB

Cisco IOS Master Commands List, Release 12.2SB, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/122sbrln/122sbix.htm>

Release 12.2SR

Cisco IOS Master Commands List, Release 12.2SR, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/122srmdx/122sridx.htm>

Release 12.4T

Cisco IOS Master Commands List, Release 12.4T, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124mindx/124htix.htm>

Cisco IOS New, Modified, Removed, and Replaced Commands List, Release 12.4T, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124mindx/124html.htm>

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PLX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0711R)

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

© 2007 Cisco Systems, Inc. All rights reserved.

