



# Extended ACL Support for IGMP to Support SSM in IPv4

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



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**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/srimec\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/srimec_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/sximc\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sx/cr/sximc_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](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>

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