



Cisco IOS Login Enhancements (Login Block)

The Cisco IOS Login Enhancements (Login Block) feature provides a way for you to better secure your Cisco IOS software-based device against possible malicious connection attempts.

The **login block** and **login delay** options introduced by this feature can be configured for Telnet, SSH, or HTTP*¹ virtual connections. By enabling this feature, you can slow down “dictionary attacks” by enforcing a “quiet period” if multiple failed connection attempts are detected, thereby protecting the routing device from a type of denial-of-service attack.

Configuration Information

Documentation for the “Cisco IOS Login Enhancements (Login Block)” feature has been moved to another document.

Configuration information is included in the “Cisco IOS Login Enhancements (Login Block)” documentation module of the *Cisco IOS Security Configuration Guide: Securing User Services, Release 12.4T*, at the following URL:

www.cisco.com/en/US/products/ps6350/products_configuration_guide_chapter09186a0080455b93.html

Command Reference Information

The following commands were introduced with or modified by this feature:

- **login block-for**
- **login delay**
- **login on-failure**
- **login on-success**
- **login quiet-mode access-class**
- **show login**
- See also the **security authentication failure rate** command (introduced as part of the “AutoSecure” feature).

1. *HTTP login block and login delay support is in releases 12.2(33)SXH and 12.4(16)T and later.



For command reference documentation of these commands, see the *Cisco IOS Security Command Reference* appropriate to your software release. For example, for command reference documentation for Cisco IOS software release version 12.2(33)SXH, see the *Cisco IOS Security Command Reference, Release 12.2SX* at

http://www.cisco.com/en/US/products/ps6017/prod_command_reference_list.html

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.

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>

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>

Document ID: gt_login

First Published: 11/03/2003

Last Modified: 08/23/2007 (Revision 18)

Applies to: Cisco IOS Software Releases 12.3T, 12.4, 12.1E, 12.2S, 12.2SB, 12.2SR, 12.2SX, and all derivative releases.

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, PIX, 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.

gt_login-v18

© 2003-2007 Cisco Systems, Inc. All rights reserved.