



Qualys Security Advisory \ July 17, 2003

Cisco IOS Denial of Service Vulnerability

ADVISORY OVERVIEW

July 17, 2003 – Qualys™ Vulnerability R&D Lab today released a new vulnerability signature in the QualysGuard® Web Service to protect enterprises against the new Cisco™ IOS Denial of Service vulnerability. Customers can immediately audit their networks for these new vulnerabilities by accessing their QualysGuard subscription.

VULNERABILITY DETAIL

A new critical Denial of Service vulnerability has been identified affecting all Cisco routers and switches running Cisco IOS software and configured to process standard Internet Protocol version 4 (IPv4) packets. This vulnerability can force the router to stop processing inbound traffic and servicing legitimate requests, resulting in a Denial of Service condition.

For additional information on the Cisco IOS Vulnerability, please visit:
<http://www.cisco.com/warp/public/707/cisco-sa-20030717-blocked.shtml>

HOW TO PROTECT YOUR NETWORK

A check for this vulnerability is already available in the QualysGuard Vulnerability assessment platform. A comprehensive scan will detect this issue in addition to over 2,800 other potential vulnerabilities. QualysGuard users can perform a selective scan for this specific vulnerability using the following check:

- "Cisco IOS Malformed IPV4 Packet Denial Of Service Vulnerability" (Qualys ID: 43051)

TECHNICAL SUPPORT

For more information, customers can contact Qualys Technical Support directly at support@qualys.com or 1-866-801-6161.

ABOUT QUALYSGUARD

QualysGuard is an on-demand security audit service delivered over the web that enables organizations to effectively manage their vulnerabilities and maintain control over their network security with centralized reports, verified remedies, and full remediation workflow capabilities with trouble tickets. QualysGuard provides comprehensive reports on vulnerabilities including severity levels, time to fix estimates and impact on business, plus trend analysis on security issues. By continuously and proactively monitoring all network access points, QualysGuard dramatically reduces security managers' time researching, scanning and fixing network exposures and enables companies to eliminate network vulnerabilities before they can be exploited.

Access for QualysGuard customers: <https://qualysguard.qualys.com>

Free trial of QualysGuard service: <https://qualysguard.qualys.com>