CVE-2005-3774

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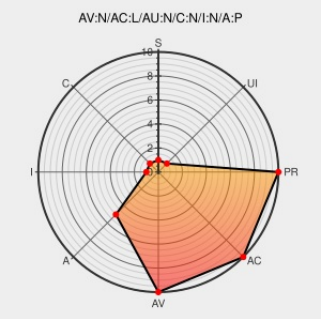

Certain versions of Pix from Cisco contain the following vulnerability:

Cisco PIX 6.3 and 7.0 allows remote attackers to cause a denial of service (blocked new connections) via spoofed TCP packets that cause the PIX to create embryonic connections that that would not produce a valid connection with the end system, including (1) SYN packets with invalid checksums, which do not result in a RST; or, from an external interface, (2) one byte of "meaningless data," or (3) a TTL that is one less than needed to reach the internal destination.

CVE-2005-3774 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF cisco-pix-ttl-dos(25079)
Cisco Security Notice: Response to Cisco PIX embryonic state machine TTL(n-1) DoS and Cisco PIX embryonic state machine 1b data DoS [Cisco PIX 500 Series Security Appliances] - Cisco Systems	www.cisco.com text/html	CONFIRM www.cisco.com/en/US/products/hw/vpndevc/ps2030/products_security_notice09186a

[Full-disclosure] Cisco PIX TCP Connection Prevention	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	FULLDISC 20051122 Cisco PIX TCP Connection Prevention
SecurityTracker.com Archives - Cisco PIX Firewall Lets Remote Users Block TCP Connections By Spoofing Packets with Invalid Checksums	securitytracker.com text/html	SECTRACK 1015256
No Description Provided	www.osvdb.org Inactive Link Not Archived	OSVDB 24140
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20060307 Cisco PIX embryonic state machine TTL(n-1) DoS
Cisco - Networking, Cloud, and Cybersecurity Solutions	www.cisco.com text/html	CISCO 20051128 Response to Cisco PIX TCP Connection Prevention
US-CERT Vulnerability Note VU#853540	US Government Resource www.kb.cert.org text/html	CERT-VN VU#853540
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20051122 Cisco PIX TCP Connection Prevention
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	www.vupen.com text/html	VUPEN ADV-2005-2546
[Full-disclosure] Cisco PIX TCP Connection Prevention	web.archive.org text/html Inactive Link Not Archived	FULLDISC 20051122 Cisco PIX TCP Connection Prevention
Secunia - Advisories - Cisco PIX Spoofed TCP SYN Packets Denial of Service	web.archive.org text/html	SECUNIA 17670
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF cisco-pix-tcp-data-field-dos(25077)
Cisco PIX TCP SYN Packet Denial Of Service Vulnerability	cve.report (archive) text/html	BID 15525
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20060307 Cisco PIX embryonic state machine 1b data DoS
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20060307 RE: Cisco PIX embryonic state machine 1b data DoS

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Pix	6.3	All	All	All
Hardware	Cisco	Pix	7.0	All	All	All
Hardware	Cisco	Pix	6.3	All	All	All
Hardware	Cisco	Pix	7.0	All	All	All

cpe:2.3:h:cisco:pix:6.3:*:*:*:*:*:*:*:

cpe:2.3:h:cisco:pix:7.0:*:*:*:*:*:*:*:

cpe:2.3:h:cisco:pix:6.3:*:*:*:*:*:*:*:

cpe:2.3:h:cisco:pix:7.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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