



CVE-2003-0851

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2003-0851
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2003-12-01 05:00:00 UTC
Updated	2018-10-30 16:26:00 UTC
Description	OpenSSL 0.9.6k allows remote attackers to cause a denial of service (crash via large recursion) via malformed ASN.1 sequ

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cisco	Css11000 Content Services Switch	All	All	All	All
Application	Cisco	Css11000 Content Services Switch	All	All	All	All
Operating System	Cisco	ios	12.1(11)e	All	All	All
Operating System	Cisco	ios	12.1(11b)e	All	All	All
Operating System	Cisco	ios	12.1(11b)e	All	All	All
Operating System	Cisco	ios	12.1(11)e	All	All	All
Operating System	Cisco	ios	12.2sx	All	All	All
Operating System	Cisco	ios	12.2sy	All	All	All
Operating System	Cisco	ios	12.1(11b)e	All	All	All
Operating System	Cisco	ios	12.1(11)e	All	All	All
Operating System	Cisco	ios	12.2sx	All	All	All
Operating System	Cisco	ios	12.2sy	All	All	All
Application	Cisco	Pix Firewall	6.2.2_111	All	All	All
Application	Cisco	Pix Firewall	6.2.2_111	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0(2)	All	All	All

Operating System	Cisco	Pix Firewall Software	6.0(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0(4.101)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\4.101\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\4\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\4\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1\5\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3.102)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3\3.102\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\1\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\2\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\3\	All	All	All
Operating System	Cisco	Pix Firewall Software	6.0\4.101\	All	All	All

Operating System	Cisco	Pix Firewall Software	6.0(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(4)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.1(5)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(2)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.2(3)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(1)	All	All	All
Operating System	Cisco	Pix Firewall Software	6.3(3.102)	All	All	All
Application	Openssl	Openssl	0.9.6	All	All	All
Application	Openssl	Openssl	0.9.6a	All	All	All
Application	Openssl	Openssl	0.9.6b	All	All	All
Application	Openssl	Openssl	0.9.6c	All	All	All
Application	Openssl	Openssl	0.9.6d	All	All	All
Application	Openssl	Openssl	0.9.6e	All	All	All
Application	Openssl	Openssl	0.9.6f	All	All	All
Application	Openssl	Openssl	0.9.6g	All	All	All
Application	Openssl	Openssl	0.9.6h	All	All	All
Application	Openssl	Openssl	0.9.6i	All	All	All
Application	Openssl	Openssl	0.9.6j	All	All	All
Application	Openssl	Openssl	0.9.6k	All	All	All
Application	Openssl	Openssl	0.9.7	All	All	All
Application	Openssl	Openssl	0.9.7a	All	All	All
Application	Openssl	Openssl	0.9.7b	All	All	All
Application	Openssl	Openssl	0.9.6	All	All	All
Application	Openssl	Openssl	0.9.6a	All	All	All
Application	Openssl	Openssl	0.9.6b	All	All	All
Application	Openssl	Openssl	0.9.6c	All	All	All
Application	Openssl	Openssl	0.9.6d	All	All	All
Application	Openssl	Openssl	0.9.6e	All	All	All
Application	Openssl	Openssl	0.9.6f	All	All	All

Application	Openssl	Openssl	0.9.6g	All	All	All
Application	Openssl	Openssl	0.9.6h	All	All	All
Application	Openssl	Openssl	0.9.6i	All	All	All
Application	Openssl	Openssl	0.9.6j	All	All	All
Application	Openssl	Openssl	0.9.6k	All	All	All
Application	Openssl	Openssl	0.9.7	All	All	All
Application	Openssl	Openssl	0.9.7a	All	All	All
Application	Openssl	Openssl	0.9.7b	All	All	All

References

Reference	Source	Link	Tags
redhat.com Red Hat Support	REDHAT	rhn.redhat.com	
OpenSSL ASN.1 Large Recursion Remote Denial Of Service Vulnerability	BID	www.securityfocus.com	Patch, Vendor Adviso
CERT/CC Vulnerability Note VU#412478	CERT-VN	www.kb.cert.org	Patch, Third Party Ad
'[FLSA-2004:1395] Updated OpenSSL resolves security vulnerability' - MARC	BUGTRAQ	marc.info	
'[OpenSSL Advisory] Denial of Service in ASN.1 parsing' - MARC	BUGTRAQ	marc.info	
Repository / Oval Repository	OVAL	oval.cisecurity.org	
www.openssl.org/news/secadv_20031104.txt	CONFIRM	www.openssl.org	Patch, Vendor Adviso
Secunia - Advisories - Fedora update for openssl096b	SECUNIA	secunia.com	
Cisco - Networking, Cloud, and Cybersecurity Solutions	CISCO	www.cisco.com	
20040304-01-U	SGI	patches.sgi.com	
NetBSD-SA2004-003	NETBSD	ftp.netbsd.org	
[SECURITY] Fedora Core 3 Update: openssl096b-0.9.6b-21.42	FEDORA	www.redhat.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status status.cve.report

