CVE-2003-0078

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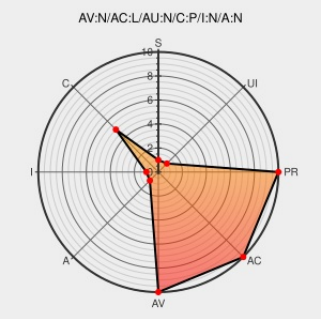
CVE-2003-0078

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Freebsd from Freebsd contain the following vulnerability:

ssl3_get_record in s3_pkt.c for OpenSSL before 0.9.7a and 0.9.6 before 0.9.6i does not perform a MAC computation if an incorrect block cipher padding is used, which causes an information leak (timing discrepancy) that may make it easier to launch cryptographic attacks that rely on distinguishing between padding and MAC verification errors, possibly leading to extraction of the original plaintext, aka the "Vaudenay timing attack."

CVE-2003-0078 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**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
No Description Provided	patches.sgi.com Inactive Link Not Archived	SGI 20030501-01-I
No Description Provided	www.osvdb.org Inactive Link Not Archived	OSVDB 3945
'GLSA: openssl (200302-10)' - MARC	marc.info text/html	GENTOO GLSA-200302-10
	ftp.netbsd.org	NETBSD NetBSD-SA2003-001

	text/plain	
	Patch Vendor Advisory www.openssl.org text/x-diff	CONFIRM www.openssl.org/news/secadv_20030219.txt
redhat.com | Red Hat Support	www.redhat.com text/html	REDHAT RHSA-2003:062
Debian -- Security Information -- DSA-253-1 openssl	Vendor Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-253
No Description Provided	marc.info text/html	BUGTRAQ 20030219 OpenSSL 0.9.7a and 0.9.6i released
N-051: Red Hat Updated OpenSSL Packages Fix Timing Attack	web.archive.org text/html Inactive Link Not Archived	CIAC N-051
redhat.com | Red Hat Support	www.redhat.com text/html	REDHAT RHSA-2003:104
OpenSSL CBC Error Information Leakage Weakness	cve.report (archive) text/html	BID 6884
Mandrakesoft Security Advisories	web.archive.org text/html Inactive Link Not Archived	MANDRAKE MDKSA-2003:020
'[OpenPKG-SA-2003.013] OpenPKG Security Advisory (openssl)' - MARC	marc.info text/html	BUGTRAQ 20030219 [OpenPKG-SA-2003.013] OpenPKG Security Advisory (openssl)
	www.trustix.org text/plain Inactive Link Not Archived	TRUSTIX 2003-0005
redhat.com | Red Hat Support	www.redhat.com text/html	REDHAT RHSA-2003:082
redhat.com | Red Hat Support	www.redhat.com text/html	REDHAT RHSA-2003:205
redhat.com | Red Hat Support	www.redhat.com text/html	REDHAT RHSA-2003:063
LinuxSecurity.com: EnGarde: OpenSSL timing-based attack vulnerability	www.linuxsecurity.com text/html	ENGARDE ESA-20030220-005
ISS X-Force Database:ssl-cbc-information-leak(11369): Multiple SSL/TLS implementation CBC ciphersuites information leak	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	XF ssl-cbc-information-leak(11369)
Home - Conectiva	distro.conectiva.com.br text/html	CONECTIVA CLSA-2003:570

There are currently no OIDs associated with this CVE

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Freebsd	Freebsd	4.2	All	All	All
Operating System	Freebsd	Freebsd	4.3	All	All	All
Operating System	Freebsd	Freebsd	4.4	All	All	All
Operating System	Freebsd	Freebsd	4.5	All	All	All
Operating System	Freebsd	Freebsd	4.6	All	All	All
Operating System	Freebsd	Freebsd	4.7	All	All	All
Operating System	Freebsd	Freebsd	4.8	pre-release	All	All
Operating System	Freebsd	Freebsd	5.0	All	All	All
Operating System	Freebsd	Freebsd	4.2	All	All	All
Operating System	Freebsd	Freebsd	4.3	All	All	All
Operating System	Freebsd	Freebsd	4.4	All	All	All
Operating System	Freebsd	Freebsd	4.5	All	All	All
Operating System	Freebsd	Freebsd	4.6	All	All	All
Operating System	Freebsd	Freebsd	4.7	All	All	All
Operating System	Freebsd	Freebsd	4.8	pre-release	All	All
Operating System	Freebsd	Freebsd	5.0	All	All	All
Operating System	Openbsd	Openbsd	3.1	All	All	All
Operating System	Openbsd	Openbsd	3.2	All	All	All
Operating System	Openbsd	Openbsd	3.1	All	All	All
Operating System	Openbsd	Openbsd	3.2	All	All	All
Application	Openssl	Openssl	0.9.1c	All	All	All

Application	Openssl	Openssl	0.9.2b	All	All	All
Application	Openssl	Openssl	0.9.3	All	All	All
Application	Openssl	Openssl	0.9.4	All	All	All
Application	Openssl	Openssl	0.9.5	All	All	All
Application	Openssl	Openssl	0.9.5a	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	0.9.6g	All	All	All
Application	Openssl	Openssl	0.9.6h	All	All	All
Application	Openssl	Openssl	0.9.7	All	All	All
Application	Openssl	Openssl	0.9.7	beta1	All	All
Application	Openssl	Openssl	0.9.7	beta2	All	All
Application	Openssl	Openssl	0.9.7	beta3	All	All
Application	Openssl	Openssl	0.9.1c	All	All	All
Application	Openssl	Openssl	0.9.2b	All	All	All
Application	Openssl	Openssl	0.9.3	All	All	All
Application	Openssl	Openssl	0.9.4	All	All	All
Application	Openssl	Openssl	0.9.5	All	All	All
Application	Openssl	Openssl	0.9.5a	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	0.9.6g	All	All	All
Application	Openssl	Openssl	0.9.6h	All	All	All
Application	Openssl	Openssl	0.9.7	All	All	All
Application	Openssl	Openssl	0.9.7	beta1	All	All
Application	Openssl	Openssl	0.9.7	beta2	All	All
Application	Openssl	Openssl	0.9.7	beta3	All	All

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cpe:2.3:o:freebsd:freebsd:4.7:*:*:*:*:*:*:*:

cpe:2.3:o:freebsd:freebsd:4.8:pre-release:*:*:*:*:*:*:

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cpe:2.3:a:openssl:openssl:0.9.6c:*:*:*:*:*:*:*:

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cpe:2.3:a:openssl:openssl:0.9.6g:*:*:*:*:*:*:*:

cpe:2.3:a:openssl:openssl:0.9.6h:*:*:*:*:*:*:*:

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cpe:2.3:a:openssl:openssl:0.9.7:beta2:*:*:*:*:*:*:

cpe:2.3:a:openssl:openssl:0.9.7:beta3:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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