



CVE-2008-1146

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

Summary

CVE	CVE-2008-1146
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2008-03-04 23:44:00 UTC
Updated	2017-08-08 01:29:00 UTC
Description	A certain pseudo-random number generator (PRNG) algorithm that uses XOR and 3-bit random hops (aka "Algorithm X3"),

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Mac Os X	10.0	All	All	All
Operating System	Apple	Mac Os X	10.0.1	All	All	All
Operating System	Apple	Mac Os X	10.0.2	All	All	All
Operating System	Apple	Mac Os X	10.0.3	All	All	All
Operating System	Apple	Mac Os X	10.0.4	All	All	All
Operating System	Apple	Mac Os X	10.1	All	All	All
Operating System	Apple	Mac Os X	10.1.1	All	All	All
Operating System	Apple	Mac Os X	10.1.2	All	All	All
Operating System	Apple	Mac Os X	10.1.3	All	All	All
Operating System	Apple	Mac Os X	10.1.4	All	All	All
Operating System	Apple	Mac Os X	10.1.5	All	All	All
Operating System	Apple	Mac Os X	10.2	All	All	All
Operating System	Apple	Mac Os X	10.2.1	All	All	All
Operating System	Apple	Mac Os X	10.2.2	All	All	All
Operating System	Apple	Mac Os X	10.2.3	All	All	All
Operating System	Apple	Mac Os X	10.2.4	All	All	All
Operating System	Apple	Mac Os X	10.2.5	All	All	All

Operating System	Apple	Mac Os X	10.2.6	All	All	All
Operating System	Apple	Mac Os X	10.2.7	All	All	All
Operating System	Apple	Mac Os X	10.2.8	All	All	All
Operating System	Apple	Mac Os X	10.3	All	All	All
Operating System	Apple	Mac Os X	10.3.1	All	All	All
Operating System	Apple	Mac Os X	10.3.2	All	All	All
Operating System	Apple	Mac Os X	10.3.3	All	All	All
Operating System	Apple	Mac Os X	10.3.4	All	All	All
Operating System	Apple	Mac Os X	10.3.5	All	All	All
Operating System	Apple	Mac Os X	10.3.6	All	All	All
Operating System	Apple	Mac Os X	10.3.7	All	All	All
Operating System	Apple	Mac Os X	10.3.8	All	All	All
Operating System	Apple	Mac Os X	10.3.9	All	All	All
Operating System	Apple	Mac Os X	10.4	All	All	All
Operating System	Apple	Mac Os X	10.4.1	All	All	All
Operating System	Apple	Mac Os X	10.4.10	All	All	All
Operating System	Apple	Mac Os X	10.4.11	All	All	All
Operating System	Apple	Mac Os X	10.4.2	All	All	All
Operating System	Apple	Mac Os X	10.4.3	All	All	All
Operating System	Apple	Mac Os X	10.4.4	All	All	All
Operating System	Apple	Mac Os X	10.4.5	All	All	All
Operating System	Apple	Mac Os X	10.4.6	All	All	All
Operating System	Apple	Mac Os X	10.4.7	All	All	All
Operating System	Apple	Mac Os X	10.4.8	All	All	All
Operating System	Apple	Mac Os X	10.4.9	All	All	All
Operating System	Apple	Mac Os X	10.5	All	All	All
Operating System	Apple	Mac Os X	10.5.1	All	All	All
Operating System	Apple	Mac Os X	10.0	All	All	All
Operating System	Apple	Mac Os X	10.0.1	All	All	All
Operating System	Apple	Mac Os X	10.0.2	All	All	All
Operating System	Apple	Mac Os X	10.0.3	All	All	All
Operating System	Apple	Mac Os X	10.0.4	All	All	All
Operating System	Apple	Mac Os X	10.1	All	All	All
Operating System	Apple	Mac Os X	10.1.1	All	All	All
Operating System	Apple	Mac Os X	10.1.2	All	All	All

Operating System	Apple	Mac Os X	10.1.3	All	All	All
Operating System	Apple	Mac Os X	10.1.4	All	All	All
Operating System	Apple	Mac Os X	10.1.5	All	All	All
Operating System	Apple	Mac Os X	10.2	All	All	All
Operating System	Apple	Mac Os X	10.2.1	All	All	All
Operating System	Apple	Mac Os X	10.2.2	All	All	All
Operating System	Apple	Mac Os X	10.2.3	All	All	All
Operating System	Apple	Mac Os X	10.2.4	All	All	All
Operating System	Apple	Mac Os X	10.2.5	All	All	All
Operating System	Apple	Mac Os X	10.2.6	All	All	All
Operating System	Apple	Mac Os X	10.2.7	All	All	All
Operating System	Apple	Mac Os X	10.2.8	All	All	All
Operating System	Apple	Mac Os X	10.3	All	All	All
Operating System	Apple	Mac Os X	10.3.1	All	All	All
Operating System	Apple	Mac Os X	10.3.2	All	All	All
Operating System	Apple	Mac Os X	10.3.3	All	All	All
Operating System	Apple	Mac Os X	10.3.4	All	All	All
Operating System	Apple	Mac Os X	10.3.5	All	All	All
Operating System	Apple	Mac Os X	10.3.6	All	All	All
Operating System	Apple	Mac Os X	10.3.7	All	All	All
Operating System	Apple	Mac Os X	10.3.8	All	All	All
Operating System	Apple	Mac Os X	10.3.9	All	All	All
Operating System	Apple	Mac Os X	10.4	All	All	All
Operating System	Apple	Mac Os X	10.4.1	All	All	All
Operating System	Apple	Mac Os X	10.4.10	All	All	All
Operating System	Apple	Mac Os X	10.4.11	All	All	All
Operating System	Apple	Mac Os X	10.4.2	All	All	All
Operating System	Apple	Mac Os X	10.4.3	All	All	All
Operating System	Apple	Mac Os X	10.4.4	All	All	All
Operating System	Apple	Mac Os X	10.4.5	All	All	All
Operating System	Apple	Mac Os X	10.4.6	All	All	All
Operating System	Apple	Mac Os X	10.4.7	All	All	All
Operating System	Apple	Mac Os X	10.4.8	All	All	All
Operating System	Apple	Mac Os X	10.4.9	All	All	All
Operating System	Apple	Mac Os X	10.5	All	All	All

Operating System	Apple	Mac Os X Server	10.4.3	All	All	All
Operating System	Apple	Mac Os X Server	10.4.4	All	All	All
Operating System	Apple	Mac Os X Server	10.4.5	All	All	All
Operating System	Apple	Mac Os X Server	10.4.6	All	All	All
Operating System	Apple	Mac Os X Server	10.4.7	All	All	All
Operating System	Apple	Mac Os X Server	10.4.8	All	All	All
Operating System	Apple	Mac Os X Server	10.4.9	All	All	All
Operating System	Apple	Mac Os X Server	10.5	All	All	All
Application	Cosmicperl	Directory Pro	10.0.3	All	All	All
Application	Cosmicperl	Directory Pro	10.0.3	All	All	All
Application	Darwin	Darwin	1.0	All	All	All
Application	Darwin	Darwin	9.1	All	All	All
Application	Darwin	Darwin	1.0	All	All	All
Application	Darwin	Darwin	9.1	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.0	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.1	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.10.1	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.2	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.0	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.1	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.10.1	All	All	All
Operating System	Dragonflybsd	Dragonflybsd	1.2	All	All	All
Operating System	Freebsd	Freebsd	4.10	All	All	All
Operating System	Freebsd	Freebsd	4.10	release	All	All
Operating System	Freebsd	Freebsd	4.10	release_p8	All	All
Operating System	Freebsd	Freebsd	4.10	releng	All	All
Operating System	Freebsd	Freebsd	4.10_prerelease	All	All	All
Operating System	Freebsd	Freebsd	4.11	release_p3	All	All
Operating System	Freebsd	Freebsd	4.11	releng	All	All
Operating System	Freebsd	Freebsd	4.11	stable	All	All
Operating System	Freebsd	Freebsd	4.11_p20_release	All	All	All
Operating System	Freebsd	Freebsd	4.11_release	All	All	All
Operating System	Freebsd	Freebsd	4.4	All	All	All
Operating System	Freebsd	Freebsd	4.4	release_p42	All	All
Operating System	Freebsd	Freebsd	4.4	releng	All	All
Operating System	Freebsd	Freebsd	4.4	stable	All	All

Operating System	Freebsd	Freebsd	4.4	stable	All	All
Operating System	Freebsd	Freebsd	4.5	All	All	All
Operating System	Freebsd	Freebsd	4.5	release	All	All
Operating System	Freebsd	Freebsd	4.5	release_p32	All	All
Operating System	Freebsd	Freebsd	4.5	releng	All	All
Operating System	Freebsd	Freebsd	4.5	stable	All	All
Operating System	Freebsd	Freebsd	4.6	All	All	All
Operating System	Freebsd	Freebsd	4.6	release	All	All
Operating System	Freebsd	Freebsd	4.6	release_p20	All	All
Operating System	Freebsd	Freebsd	4.6	releng	All	All
Operating System	Freebsd	Freebsd	4.6	stable	All	All
Operating System	Freebsd	Freebsd	4.6.2	All	All	All
Operating System	Freebsd	Freebsd	4.7	All	All	All
Operating System	Freebsd	Freebsd	4.7	release	All	All
Operating System	Freebsd	Freebsd	4.7	release_p17	All	All
Operating System	Freebsd	Freebsd	4.7	releng	All	All
Operating System	Freebsd	Freebsd	4.7	stable	All	All
Operating System	Freebsd	Freebsd	4.8	All	All	All
Operating System	Freebsd	Freebsd	4.8	release_p7	All	All
Operating System	Freebsd	Freebsd	4.8	releng	All	All
Operating System	Freebsd	Freebsd	4.8_prerelease	All	All	All
Operating System	Freebsd	Freebsd	4.9	All	All	All
Operating System	Freebsd	Freebsd	4.9	releng	All	All
Operating System	Freebsd	Freebsd	4.9_prerelease	All	All	All
Operating System	Freebsd	Freebsd	5.0	All	All	All
Operating System	Freebsd	Freebsd	5.0	alpha	All	All
Operating System	Freebsd	Freebsd	5.0	release_p14	All	All
Operating System	Freebsd	Freebsd	5.0	releng	All	All
Operating System	Freebsd	Freebsd	5.1	All	All	All
Operating System	Freebsd	Freebsd	5.1	alpha	All	All
Operating System	Freebsd	Freebsd	5.1	release	All	All
Operating System	Freebsd	Freebsd	5.1	release_p5	All	All
Operating System	Freebsd	Freebsd	5.1	releng	All	All
Operating System	Freebsd	Freebsd	5.2	All	All	All
Operating System	Freebsd	Freebsd	5.2.1	release	All	All
Operating System	Freebsd	Freebsd	5.2.1	releng	All	All

Operating System	Freebsd	Freebsd	5.3	All	All	All
Operating System	Freebsd	Freebsd	5.3	release	All	All
Operating System	Freebsd	Freebsd	5.3	releng	All	All
Operating System	Freebsd	Freebsd	5.3	stable	All	All
Operating System	Freebsd	Freebsd	5.4	release	All	All
Operating System	Freebsd	Freebsd	5.4	releng	All	All
Operating System	Freebsd	Freebsd	5.4	stable	All	All
Operating System	Freebsd	Freebsd	5.5_release	All	All	All
Operating System	Freebsd	Freebsd	5.5_stable	All	All	All
Operating System	Freebsd	Freebsd	6.0	All	All	All
Operating System	Freebsd	Freebsd	6.0	release	All	All
Operating System	Freebsd	Freebsd	6.0	stable	All	All
Operating System	Freebsd	Freebsd	6.0_p5_release	All	All	All
Operating System	Freebsd	Freebsd	6.1	All	All	All
Operating System	Freebsd	Freebsd	6.1	release	All	All
Operating System	Freebsd	Freebsd	6.1	release_p10	All	All
Operating System	Freebsd	Freebsd	6.1	stable	All	All
Operating System	Freebsd	Freebsd	6.2	All	All	All
Operating System	Freebsd	Freebsd	6.2	stable	All	All
Operating System	Freebsd	Freebsd	6.2_releng	All	All	All
Operating System	Freebsd	Freebsd	6.3	All	All	All
Operating System	Freebsd	Freebsd	6.3_releng	All	All	All
Operating System	Freebsd	Freebsd	7.0	pre-release	All	All
Operating System	Freebsd	Freebsd	7.0_beta4	All	All	All
Operating System	Freebsd	Freebsd	7.0_releng	All	All	All
Operating System	Freebsd	Freebsd	4.10	All	All	All
Operating System	Freebsd	Freebsd	4.10	release	All	All
Operating System	Freebsd	Freebsd	4.10	release_p8	All	All
Operating System	Freebsd	Freebsd	4.10	releng	All	All
Operating System	Freebsd	Freebsd	4.10_prerelease	All	All	All
Operating System	Freebsd	Freebsd	4.11	release_p3	All	All
Operating System	Freebsd	Freebsd	4.11	releng	All	All
Operating System	Freebsd	Freebsd	4.11	stable	All	All
Operating System	Freebsd	Freebsd	4.11_p20_release	All	All	All
Operating System	Freebsd	Freebsd	4.11_release	All	All	All

Operating System	Freebsd	Freebsd	4.4	All	All	All
Operating System	Freebsd	Freebsd	4.4	release_p42	All	All
Operating System	Freebsd	Freebsd	4.4	releng	All	All
Operating System	Freebsd	Freebsd	4.4	stable	All	All
Operating System	Freebsd	Freebsd	4.5	All	All	All
Operating System	Freebsd	Freebsd	4.5	release	All	All
Operating System	Freebsd	Freebsd	4.5	release_p32	All	All
Operating System	Freebsd	Freebsd	4.5	releng	All	All
Operating System	Freebsd	Freebsd	4.5	stable	All	All
Operating System	Freebsd	Freebsd	4.6	All	All	All
Operating System	Freebsd	Freebsd	4.6	release	All	All
Operating System	Freebsd	Freebsd	4.6	release_p20	All	All
Operating System	Freebsd	Freebsd	4.6	releng	All	All
Operating System	Freebsd	Freebsd	4.6	stable	All	All
Operating System	Freebsd	Freebsd	4.6.2	All	All	All
Operating System	Freebsd	Freebsd	4.7	All	All	All
Operating System	Freebsd	Freebsd	4.7	release	All	All
Operating System	Freebsd	Freebsd	4.7	release_p17	All	All
Operating System	Freebsd	Freebsd	4.7	releng	All	All
Operating System	Freebsd	Freebsd	4.7	stable	All	All
Operating System	Freebsd	Freebsd	4.8	All	All	All
Operating System	Freebsd	Freebsd	4.8	release_p7	All	All
Operating System	Freebsd	Freebsd	4.8	releng	All	All
Operating System	Freebsd	Freebsd	4.8_prerelease	All	All	All
Operating System	Freebsd	Freebsd	4.9	All	All	All
Operating System	Freebsd	Freebsd	4.9	releng	All	All
Operating System	Freebsd	Freebsd	4.9_prerelease	All	All	All
Operating System	Freebsd	Freebsd	5.0	All	All	All
Operating System	Freebsd	Freebsd	5.0	alpha	All	All
Operating System	Freebsd	Freebsd	5.0	release_p14	All	All
Operating System	Freebsd	Freebsd	5.0	releng	All	All
Operating System	Freebsd	Freebsd	5.1	All	All	All
Operating System	Freebsd	Freebsd	5.1	alpha	All	All
Operating System	Freebsd	Freebsd	5.1	release	All	All
Operating System	Freebsd	Freebsd	5.1	release_p5	All	All
Operating System	Freebsd	Freebsd	5.1	releng	All	All

Operating System	Freebsd	Freebsd	3.1	releng	All	All
Operating System	Freebsd	Freebsd	5.2	All	All	All
Operating System	Freebsd	Freebsd	5.2.1	release	All	All
Operating System	Freebsd	Freebsd	5.2.1	releng	All	All
Operating System	Freebsd	Freebsd	5.3	All	All	All
Operating System	Freebsd	Freebsd	5.3	release	All	All
Operating System	Freebsd	Freebsd	5.3	releng	All	All
Operating System	Freebsd	Freebsd	5.3	stable	All	All
Operating System	Freebsd	Freebsd	5.4	release	All	All
Operating System	Freebsd	Freebsd	5.4	releng	All	All
Operating System	Freebsd	Freebsd	5.4	stable	All	All
Operating System	Freebsd	Freebsd	5.5_release	All	All	All
Operating System	Freebsd	Freebsd	5.5_stable	All	All	All
Operating System	Freebsd	Freebsd	6.0	All	All	All
Operating System	Freebsd	Freebsd	6.0	release	All	All
Operating System	Freebsd	Freebsd	6.0	stable	All	All
Operating System	Freebsd	Freebsd	6.0_p5_release	All	All	All
Operating System	Freebsd	Freebsd	6.1	All	All	All
Operating System	Freebsd	Freebsd	6.1	release	All	All
Operating System	Freebsd	Freebsd	6.1	release_p10	All	All
Operating System	Freebsd	Freebsd	6.1	stable	All	All
Operating System	Freebsd	Freebsd	6.2	All	All	All
Operating System	Freebsd	Freebsd	6.2	stable	All	All
Operating System	Freebsd	Freebsd	6.2_releng	All	All	All
Operating System	Freebsd	Freebsd	6.3	All	All	All
Operating System	Freebsd	Freebsd	6.3_releng	All	All	All
Operating System	Freebsd	Freebsd	7.0	pre-release	All	All
Operating System	Freebsd	Freebsd	7.0_beta4	All	All	All
Operating System	Freebsd	Freebsd	7.0_releng	All	All	All
Application	Navision	Financials Server	3.0	All	All	All
Application	Navision	Financials Server	3.0	All	All	All
Operating System	Netbsd	Netbsd	1.6.2	All	All	All
Operating System	Netbsd	Netbsd	2.0	All	All	All
Operating System	Netbsd	Netbsd	2.0.1	All	All	All
Operating System	Netbsd	Netbsd	2.0.2	All	All	All
Operating System	Netbsd	Netbsd	2.0.3	All	All	All

Operating System	Netbsd	Netbsd	2.0.4	All	All	All
Operating System	Netbsd	Netbsd	2.1	All	All	All
Operating System	Netbsd	Netbsd	2.1.1	All	All	All
Operating System	Netbsd	Netbsd	3.0.1	All	All	All
Operating System	Netbsd	Netbsd	3.0.2	All	All	All
Operating System	Netbsd	Netbsd	3.1	All	All	All
Operating System	Netbsd	Netbsd	3.1	rc1	All	All
Operating System	Netbsd	Netbsd	3.1	rc3	All	All
Operating System	Netbsd	Netbsd	4.0	All	All	All
Operating System	Netbsd	Netbsd	4.0	beta	All	All
Operating System	Netbsd	Netbsd	4.0	beta2	All	All
Operating System	Netbsd	Netbsd	1.6.2	All	All	All
Operating System	Netbsd	Netbsd	2.0	All	All	All
Operating System	Netbsd	Netbsd	2.0.1	All	All	All
Operating System	Netbsd	Netbsd	2.0.2	All	All	All
Operating System	Netbsd	Netbsd	2.0.3	All	All	All
Operating System	Netbsd	Netbsd	2.0.4	All	All	All
Operating System	Netbsd	Netbsd	2.1	All	All	All
Operating System	Netbsd	Netbsd	2.1.1	All	All	All
Operating System	Netbsd	Netbsd	3.0.1	All	All	All
Operating System	Netbsd	Netbsd	3.0.2	All	All	All
Operating System	Netbsd	Netbsd	3.1	All	All	All
Operating System	Netbsd	Netbsd	3.1	rc1	All	All
Operating System	Netbsd	Netbsd	3.1	rc3	All	All
Operating System	Netbsd	Netbsd	4.0	All	All	All
Operating System	Netbsd	Netbsd	4.0	beta	All	All
Operating System	Netbsd	Netbsd	4.0	beta2	All	All
Operating System	Openbsd	Openbsd	2.6	All	All	All
Operating System	Openbsd	Openbsd	2.7	All	All	All
Operating System	Openbsd	Openbsd	2.8	All	All	All
Operating System	Openbsd	Openbsd	2.9	All	All	All
Operating System	Openbsd	Openbsd	3.0	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	3.3	All	All	All

Operating System	Openbsd	Openbsd	3.4	All	All	All
Operating System	Openbsd	Openbsd	3.5	All	All	All
Operating System	Openbsd	Openbsd	3.6	All	All	All
Operating System	Openbsd	Openbsd	3.7	All	All	All
Operating System	Openbsd	Openbsd	3.8	All	All	All
Operating System	Openbsd	Openbsd	3.9	All	All	All
Operating System	Openbsd	Openbsd	4.0	All	All	All
Operating System	Openbsd	Openbsd	4.1	All	All	All
Operating System	Openbsd	Openbsd	4.2	All	All	All
Operating System	Openbsd	Openbsd	2.6	All	All	All
Operating System	Openbsd	Openbsd	2.7	All	All	All
Operating System	Openbsd	Openbsd	2.8	All	All	All
Operating System	Openbsd	Openbsd	2.9	All	All	All
Operating System	Openbsd	Openbsd	3.0	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	3.3	All	All	All
Operating System	Openbsd	Openbsd	3.4	All	All	All
Operating System	Openbsd	Openbsd	3.5	All	All	All
Operating System	Openbsd	Openbsd	3.6	All	All	All
Operating System	Openbsd	Openbsd	3.7	All	All	All
Operating System	Openbsd	Openbsd	3.8	All	All	All
Operating System	Openbsd	Openbsd	3.9	All	All	All
Operating System	Openbsd	Openbsd	4.0	All	All	All
Operating System	Openbsd	Openbsd	4.1	All	All	All
Operating System	Openbsd	Openbsd	4.2	All	All	All

References

Reference	Source	Link
SecurityFocus	BUGTRAQ	www
SecuriTeam - OpenBSD DNS Cache Poisoning and Multiple O/S Predictable IP ID Vulnerability	MISC	www
IBM Security Trusteer Fraud Protection Software IBM	MISC	www
OpenBSD PRNG DNS Cache Poisoning and Predictable IP ID Weakness	BID	www
OpenBSD DNS Server PRNG Transaction ID Vulnerability - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secu
IBM X-Force Exchange	XF	excl
CVE Program record	CVE.ORG	www

No vendor comments have been submitted for this CVE.

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

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