



# CVE-2008-1147

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

## Summary

<b>CVE</b>	CVE-2008-1147
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2008-03-04 23:44:00 UTC
<b>Updated</b>	2023-11-07 02:01:00 UTC
<b>Description</b>	A certain pseudo-random number generator (PRNG) algorithm that uses XOR and 2-bit random hops (aka "Algorithm X2"),

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.0	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.0.1	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.0.2	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.0.3	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.0.4	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.1	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.1.1	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.1.2	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.1.3	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.1.4	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.1.5	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.2	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.2.1	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.2.2	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.2.3	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	10.2.4	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X</a>	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	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.3	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.4	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.5	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.6	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.7	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.8	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.4.9	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os X Server</a>	10.5	All	All	All
Application	<a href="#">Cosmicperl</a>	<a href="#">Directory Pro</a>	10.0.3	All	All	All
Application	<a href="#">Cosmicperl</a>	<a href="#">Directory Pro</a>	10.0.3	All	All	All
Application	<a href="#">Darwin</a>	<a href="#">Darwin</a>	1.0	All	All	All
Application	<a href="#">Darwin</a>	<a href="#">Darwin</a>	9.1	All	All	All
Application	<a href="#">Darwin</a>	<a href="#">Darwin</a>	1.0	All	All	All
Application	<a href="#">Darwin</a>	<a href="#">Darwin</a>	9.1	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.0	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.1	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.10.1	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.2	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.0	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.1	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.10.1	All	All	All
Operating System	<a href="#">Dragonflybsd</a>	<a href="#">Dragonflybsd</a>	1.2	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	release_p8	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10_prerelease	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11	release_p3	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11_p20_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.4	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.4	release_p42	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.4	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.4	stable	All	All

Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.4	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.5	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.5	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.5	release_p32	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.5	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.5	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.6	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.6	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.6	release_p20	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.6	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.6	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.6.2	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.7	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.7	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.7	release_p17	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.7	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.7	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.8	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.8	release_p7	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.8	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.8_prerelease	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.9	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.9	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.9_prerelease	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.0	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.0	alpha	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.0	release_p14	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.0	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.1	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.1	alpha	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.1	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.1	release_p5	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.1	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.2	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.2.1	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.2.1	releng	All	All

Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.4	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.4	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.4	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.5_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.5_stable	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0_p5_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	release_p10	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.2	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.2	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.2_releng	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.3	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.3_releng	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	7.0	pre-release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	7.0_beta4	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	7.0_releng	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	release_p8	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.10_prerelease	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11	release_p3	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	4.11_p20_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	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	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	3.1	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.2	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.2.1	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.2.1	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.3	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.4	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.4	releng	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.4	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.5_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	5.5_stable	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.0_p5_release	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	release_p10	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.1	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.2	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.2	stable	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.2_releng	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.3	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	6.3_releng	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	7.0	pre-release	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	7.0_beta4	All	All	All
Operating System	<a href="#">Freebsd</a>	<a href="#">Freebsd</a>	7.0_releng	All	All	All
Application	<a href="#">Navision</a>	<a href="#">Financials Server</a>	3.0	All	All	All
Application	<a href="#">Navision</a>	<a href="#">Financials Server</a>	3.0	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	1.6.2	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.2	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.3	All	All	All

Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.4	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.1.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.0.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.0.2	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.1	rc1	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.1	rc3	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	4.0	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	4.0	beta	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	4.0	beta2	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	1.6.2	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.2	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.3	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.0.4	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	2.1.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.0.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.0.2	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.1	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.1	rc1	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	3.1	rc3	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	4.0	All	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	4.0	beta	All	All
Operating System	<a href="#">Netbsd</a>	<a href="#">Netbsd</a>	4.0	beta2	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.6	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.7	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.8	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.9	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.0	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.1	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.2	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.3	All	All	All

Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.4	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.5	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.6	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.7	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.8	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.9	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	4.0	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	4.1	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	4.2	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.6	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.7	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.8	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	2.9	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.0	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.1	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.2	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.3	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.4	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.5	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.6	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.7	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.8	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	3.9	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	4.0	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	4.1	All	All	All
Operating System	<a href="#">Openbsd</a>	<a href="#">Openbsd</a>	4.2	All	All	All

## References

Reference	Source
SecurityFocus	BUGTRA
SecuriTeam - OpenBSD DNS Cache Poisoning and Multiple O/S Predictable IP ID Vulnerability	MISC
IBM X-Force Exchange	XF
IBM Security Trusteer Fraud Protection Software   IBM	MISC
OpenBSD PRNG DNS Cache Poisoning and Predictable IP ID Weakness	BID
ViewVC Repository Listing	
OpenBSD DNS Server PRNG Transaction ID Vulnerability - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA

ViewVC Repository Listing	CONFIR
Bugtraq: RE: A paper by Amit Klein (Trusteer): "OpenBSD DNS Cache Poisoning and Multiple O/S Predictable IP ID Vulnerability"	BUGTRA
IBM X-Force Exchange	XF
Bugtraq: Re: A paper by Amit Klein (Trusteer): "OpenBSD DNS Cache Poisoning and Multiple O/S Predictable IP ID Vulnerability"	BUGTRA
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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