CVE-2012-0839

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Summary

CVE	CVE-2012-0839
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-02-08 20:55:00 UTC
Updated	2023-02-13 00:22:00 UTC
Description	OCaml 3.12.1 and earlier computes hash values without restricting the ability to trigger hash collisions predictably, which all

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Inria	Ocaml	1.07	All	All	All
Application	Inria	Ocaml	2.02	All	All	All
Application	Inria	Ocaml	2.04	All	All	All
Application	Inria	Ocaml	2.99	alpha	All	All
Application	Inria	Ocaml	3.00	All	All	All
Application	Inria	Ocaml	3.01	All	All	All
Application	Inria	Ocaml	3.02	All	All	All
Application	Inria	Ocaml	3.03	alpha	All	All
Application	Inria	Ocaml	3.04	All	All	All
Application	Inria	Ocaml	3.05	beta	All	All
Application	Inria	Ocaml	3.06	All	All	All
Application	Inria	Ocaml	3.07	All	All	All
Application	Inria	Ocaml	3.07	beta1	All	All
Application	Inria	Ocaml	3.07	beta2	All	All
Application	Inria	Ocaml	3.07	pl2	All	All
Application	Inria	Ocaml	3.08	All	All	All
Application	Inria	Ocaml	3.09	All	All	All

Application	Inria	Ocaml	3.10	All	All	All
Application	Inria	Ocaml	3.11	All	All	All
Application	Inria	Ocaml	3.12	All	All	All
Application	Inria	Ocaml	1.07	All	All	All
Application	Inria	Ocaml	2.02	All	All	All
Application	Inria	Ocaml	2.04	All	All	All
Application	Inria	Ocaml	2.99	alpha	All	All
Application	Inria	Ocaml	3.00	All	All	All
Application	Inria	Ocaml	3.01	All	All	All
Application	Inria	Ocaml	3.02	All	All	All
Application	Inria	Ocaml	3.03	alpha	All	All
Application	Inria	Ocaml	3.04	All	All	All
Application	Inria	Ocaml	3.05	beta	All	All
Application	Inria	Ocaml	3.06	All	All	All
Application	Inria	Ocaml	3.07	All	All	All
Application	Inria	Ocaml	3.07	beta1	All	All
Application	Inria	Ocaml	3.07	beta2	All	All
Application	Inria	Ocaml	3.07	pl2	All	All
Application	Inria	Ocaml	3.08	All	All	All
Application	Inria	Ocaml	3.09	All	All	All
Application	Inria	Ocaml	3.10	All	All	All
Application	Inria	Ocaml	3.11	All	All	All
Application	Inria	Ocaml	3.12	All	All	All
Application	Inria	Ocaml	All	All	All	All

References

Reference	Source	Link	Tags
oss-security - Re: CVE request: Hash DoS vulnerability (ocert-2011-003)	MLIST	openwall.com	
Re: [Caml-list] Hashtbl and security	MISC	www.mail-archive.com	
Best 7 Best Internet Security Software in 2019	MISC	www.nruns.com	
Security Advisory SA47853 - OCaml Hash Collision Denial of Service Vulnerability - Secunia	SECUNIA	secunia.com	
Re: [Caml-list] Hashtbl and security	MLIST	www.mail-archive.com	
oCERT.org - oCERT Advisories	MISC	www.ocert.org	
[Caml-list] Hashtbl and security	MLIST	www.mail-archive.com	
[Caml-list] Hashtbl and security	MISC	www.mail-archive.com	

oss-security - CVE request: Hash DoS vulnerability (ocert-2011-003)	MLIST	openwall.com	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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

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