



CVE-2012-2673

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

Summary

CVE	CVE-2012-2673
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-07-25 19:55:00 UTC
Updated	2016-09-29 01:59:00 UTC
Description	Multiple integer overflows in the (1) GC_generic_malloc and (2) calloc functions in malloc.c, and the (3) GC_generic_malloc

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Boehm-demers-weiser	Garbage Collector	1.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.5	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.8	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.9	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.5	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.6	All	All	All

Application	Boehm-demers-weiser	Garbage Collector	3.7	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.10	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.11	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.12	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.13	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.14	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.14	alpha1	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.14	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.5	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.6	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.7	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.8	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.9	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	alpha1	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	alpha3	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	alpha6	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.0	alpha7	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	5.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.0	alpha1	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.0	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.0	alpha3	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.0	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.0	alpha5	All	All

Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha5	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha7	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha9	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.1	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.2	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.2	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.5	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.8	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	1.9	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	2.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.5	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.6	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	3.7	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.10	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.11	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.12	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.13	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.14	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.14	alpha1	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.14	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.2	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	4.3	All	All	All

[illegible]

Application	Boehm-demers-weiser	Garbage Collector	6.2	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.2	alpha3	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.2	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.2	alpha5	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.2	alpha6	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	alpha1	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	alpha3	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	alpha5	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.3	alpha6	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.4	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.5	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.6	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.7	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.8	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	6.9	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha1	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha3	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha5	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha7	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.0	alpha9	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.1	All	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.1	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.2	alpha2	All	All
Application	Boehm-demers-weiser	Garbage Collector	7.2	alpha4	All	All
Application	Boehm-demers-weiser	Garbage Collector	All	alpha6	All	All

References						
Reference					Source	Link
oss-security - Re: memory allocator upstream patches					MLIST	www.openwall.c
Fix calloc-related code to prevent SIZE_MAX redefinition in sys headers · ivmai/bdwgc@6a93f8e · GitHub					CONFIRM	github.com

[SECURITY] Fedora 17 Update: gc-7.2b-2.fc17	FEDORA	lists.fedoraproject.org
oss-security - memory allocator upstream patches	MLIST	www.openwall.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
Support / Security / Advisories / / MDVSA-2012:158 Mandriva	MANDRIVA	www.mandriva.com
bdwgc/ChangeLog at master · ivmai/bdwgc · GitHub	CONFIRM	github.com
Fix calloc() overflow · ivmai/bdwgc@e10c1eb · GitHub	CONFIRM	github.com
Fix allocation size overflows due to rounding. · ivmai/bdwgc@be9df82 · GitHub	CONFIRM	github.com
USN-1546-1: libgc vulnerability Ubuntu	UBUNTU	www.ubuntu.com
Memory allocator security revisited - Xi Wang	MISC	kqueue.org
Speedup calloc size overflow check by preventing division if small value... · 83231d0 · ivmai/bdwgc · GitHub	CONFIRM	github.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
Malformed Request	BID	www.securityfocus.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
[SECURITY] Fedora 16 Update: gc-7.2b-2.fc16	FEDORA	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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