



CVE-2016-9427

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

Summary

CVE	CVE-2016-9427
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-12 02:59:16 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Integer overflow vulnerability in bdwgc before 2016-09-27 allows attackers to cause client of bdwgc denial of service (heap

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.031160000 probability, percentile 0.869310000 (date 2026-05-10)

Problem Types: CWE-119 | CWE-190 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Bdwgc Project	Bdwgc	All	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All
Operating System	Opensuse	Leap	42.2	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All

Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References		
Reference	Source	Link
[SECURITY] [DLA 2966-1] libgc security update	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
openSUSE-SU-2016:3126-1: moderate: Security update for gc	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse
w3m Multiple Security Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	www.securityfo
oss-security - Re: CVE request: w3m - multiple vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	www.openwall
integer overflow in GC MAI I OC ATOMIC - Issue #135 - ivmai/bdwgc - GitHub	af854a3a-2127-422b-91ae-364da2661108	nithub.com

openSUSE-SU-2016:3177-1: moderate: Security update for gc	af854a3a-2127-422b-91ae-364da2661108	lists.opensuse
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [179165](#) Debian Security Update for libgc (DLA 2966-1)
- [671114](#) EulerOS Security Update for gc (EulerOS-SA-2019-2526)
- [904842](#) Common Base Linux Mariner (CBL-Mariner) Security Update for boost (12300)

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