



CVE-2016-4493

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-4493
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-02-24 20:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The demangle_template_value_parm and do_hpacc_template_literal functions in cplus-dem.c in libiberty allow remote attac

Risk And Classification

Primary CVSS: v3.0 5.5 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Libiberty	All	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
Marcel Băhne - Fix for PR70926 in Libiberty Demangler (5)	af854a3a-2127-422b-91ae-364da2661108	gcc.gn
GNU GCC 'liliberty/cplus-dem.c' Multiple Denial of Service Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	www.s
70926 – Libiberty Demangler segfaults (5)	af854a3a-2127-422b-91ae-364da2661108	gcc.gn
oss-security - Re: CVE Request: No Demangling During Analysis of Untrusted Binaries	af854a3a-2127-422b-91ae-364da2661108	www.c
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.nis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[670290](#) EulerOS Security Update for gdb (EulerOS-SA-2021-1786)

[670902](#) EulerOS Security Update for gdb (EulerOS-SA-2021-1786)

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