



BYVoid OpenCC MaxMatchSegmentation.cpp MaxMatchSegmentation heap-based overflow

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

Summary

CVE	CVE-2025-15536
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-01-18 09:15:46 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A weakness has been identified in BYVoid OpenCC up to 1.1.9. This vulnerability affects the function opencc::MaxMatchSe

Risk And Classification

Primary CVSS: v4.0 1.9 LOW from cna@vulldb.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-119 | CWE-122 | CWE-787 | CWE-122 Heap-based Buffer Overflow | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.com	Secondary	1.9	LOW	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	cna@vulldb.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	5.3	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
2.0	cna@vulldb.com	Secondary	4.3		AV:L/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	4.3		AV:L/AC:L/Au:S/C:P/I:P/A:P/E:POC/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ByVoid	Open Chinese Convert	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	BYVoid	OpenCC	affected 1.1.0	Not specified
CNA	BYVoid	OpenCC	affected 1.1.1	Not specified
CNA	BYVoid	OpenCC	affected 1.1.2	Not specified
CNA	BYVoid	OpenCC	affected 1.1.3	Not specified
CNA	BYVoid	OpenCC	affected 1.1.4	Not specified
CNA	BYVoid	OpenCC	affected 1.1.5	Not specified
CNA	BYVoid	OpenCC	affected 1.1.6	Not specified
CNA	BYVoid	OpenCC	affected 1.1.7	Not specified
CNA	BYVoid	OpenCC	affected 1.1.8	Not specified
CNA	BYVoid	OpenCC	affected 1.1.9	Not specified

References

Reference	Source	Link
github.com/BYVoid/OpenCC	cna@vuldb.com	github.c
github.com/BYVoid/OpenCC/pull/1005	cna@vuldb.com	github.c
github.com/oneafter/1222/blob/main/repro	cna@vuldb.com	github.c

github.com/creator/1222/100/main/repro	cna@vuldb.com	github.c
vuldb.com	cna@vuldb.com	vuldb.cc
vuldb.com	cna@vuldb.com	vuldb.cc
vuldb.com	cna@vuldb.com	vuldb.cc
github.com/BYVoid/OpenCC/issues/997	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.c
github.com/BYVoid/OpenCC/commit/345c9a50ab07018f1b4439776bad78a0d40778ec	cna@vuldb.com	github.c
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.

Vendor Comments And Credit

Discovery Credit

CNA: Oneafter (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-01-17T00:00:00.000Z	Advisory disclosed
CNA	2026-01-17T01:00:00.000Z	VulDB entry created
CNA	2026-02-07T00:23:11.000Z	VulDB entry last update

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

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