



# musl libc GB18030 4-byte Decoder iconv.c iconv algorithmic complexity

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

## Summary

<b>CVE</b>	CVE-2026-6042
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-10 09:16:25 UTC
<b>Updated</b>	2026-04-10 10:16:04 UTC
<b>Description</b>	A security flaw has been discovered in musl libc up to 1.2.6. Affected is the function iconv of the file src/locale/iconv.c of the

## Risk And Classification

**Primary CVSS:** v4.0 4.8 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/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

**EPSS:** 0.000130000 probability, percentile 0.021150000 (date 2026-04-10)

**Problem Types:** CWE-404 | CWE-407 | CWE-407 Inefficient Algorithmic Complexity | CWE-404 Denial of Service

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/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
4.0	CNA	DECLARED	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/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
3.1	cna@vuldb.com	Secondary	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:X/RL:O/RC:C
3.0	CNA	DECLARED	3.3	LOW	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:X/RL:O/RC:C
2.0	cna@vuldb.com	Secondary	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P/E:ND/RL:OF/RC:C

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

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:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/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

Low

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

### CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Musl	Libc	affected 1.2.0	Not specified
CNA	Musl	Libc	affected 1.2.1	Not specified
CNA	Musl	Libc	affected 1.2.2	Not specified
CNA	Musl	Libc	affected 1.2.3	Not specified
CNA	Musl	Libc	affected 1.2.4	Not specified
CNA	Musl	Libc	affected 1.2.5	Not specified
CNA	Musl	Libc	affected 1.2.6	Not specified

### References

Reference	Source	Link	Tags
vuldb.com/submit/796352	cna@vuldb.com	<a href="#">vuldb.com</a>	
www.openwall.com/lists/oss-security/2026/04/03/2	cna@vuldb.com	<a href="#">www.openwall.com</a>	
www.openwall.com/lists/oss-security/2026/04/09/19	af854a3a-2127-422b-91ae-364da2661108	<a href="#">www.openwall.com</a>	
www.openwall.com/lists/oss-security/2026/04/02/10	cna@vuldb.com	<a href="#">www.openwall.com</a>	
vuldb.com/vuln/356620/cti	cna@vuldb.com	<a href="#">vuldb.com</a>	
vuldb.com/vuln/356620	cna@vuldb.com	<a href="#">vuldb.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

## Vendor Comments And Credit

### Discovery Credit

**CNA:** 0x001 (VulDB User) (en)

**CNA:** 0x001 (VulDB User) (en)

## Additional Advisory Data

Source	Time	Event
CNA	2026-04-09T00:00:00.000Z	Advisory disclosed
CNA	2026-04-09T02:00:00.000Z	VulDB entry created
CNA	2026-04-09T19:58:49.000Z	VulDB entry last update

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

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