



# vim memmove-vec-unaligned-erms.S

## \_\_memmove\_avx\_unaligned\_erms memory corruption

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[NVD](#)
[CVE.ORG](#)
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### Summary

<b>CVE</b>	CVE-2025-9389
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-08-24 13:15:29 UTC
<b>Updated</b>	2026-04-29 01:00:01 UTC
<b>Description</b>	A vulnerability was identified in vim 9.1.0000. Affected is the function __memmove_avx_unaligned_erms of the file memmo

### 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:N/VI:N/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-787 | 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:N/VI:N/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
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: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	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:P/RL:X/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:P/RL:X/RC:C
2.0	cna@vulldb.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:POC/RL:ND/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: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

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:P/RL:X/RC:C

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Vim	Vim	9.1.0000	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	Vim	affected 9.1.0000	Not specified

### References

Reference	Source	Link	Tags
drive.google.com/file/d/1iFbTpW79vqBPkFjWYzGYlh_E6esPhYVY/view	cna@vuldb.com	<a href="https://drive.google.com/file/d/1iFbTpW79vqBPkFjWYzGYlh_E6esPhYVY/view">drive.google.com</a>	Exploit
vuldb.com	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Penetration
vuldb.com	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://vuldb.com">vuldb.com</a>	Exploit
github.com/vim/vim/issues/17940	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://github.com/vim/vim/issues/17940">github.com</a>	Exploit
github.com/vim/vim/issues/17940	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://github.com/vim/vim/issues/17940">github.com</a>	Exploit
vuldb.com	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Threat
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	Canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	Canonical

### Vendor Comments And Credit

Discovery Credit

**CNA:** Xudong Cao (en)

Additional Advisory Data

Source	Time	Event
CNA	2025-08-23T00:00:00.000Z	Advisory disclosed
CNA	2025-08-23T02:00:00.000Z	VulDB entry created
CNA	2025-08-23T17:29:11.000Z	VulDB entry last update

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

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