mem0ai mem0 faiss.py pickle.dump deserialization

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

Summary

CVE	CVE-2026-7597
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-01 22:16:16 UTC
Updated	2026-05-01 22:16:16 UTC
Description	A vulnerability was found in mem0ai mem0 up to 1.0.11. This affects the function pickle.load/pickle.dump of the file mem0/v

Risk And Classification

Primary CVSS: v4.0 2.1 LOW from cna@vuldb.com

CVSS:4.0/AV:N/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/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-20 | CWE-502 | CWE-502 Deserialization | CWE-20 Improper Input Validation

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	2.1	LOW	CVSS:4.0/AV:N/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	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Primary	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	6.3	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
2.0	cna@vuldb.com	Secondary	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P/E:POC/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Network

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:N/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/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mem0ai	Mem0	affected 1.0.0	Not specified
CNA	Mem0ai	Mem0	affected 1.0.1	Not specified
CNA	Mem0ai	Mem0	affected 1.0.2	Not specified
CNA	Mem0ai	Mem0	affected 1.0.3	Not specified
CNA	Mem0ai	Mem0	affected 1.0.4	Not specified
CNA	Mem0ai	Mem0	affected 1.0.5	Not specified
CNA	Mem0ai	Mem0	affected 1.0.6	Not specified
CNA	Mem0ai	Mem0	affected 1.0.7	Not specified
CNA	Mem0ai	Mem0	affected 1.0.8	Not specified
CNA	Mem0ai	Mem0	affected 1.0.9	Not specified
CNA	Mem0ai	Mem0	affected 1.0.10	Not specified
CNA	Mem0ai	Mem0	affected 1.0.11	Not specified

References

Reference	Source	Link	Tags
github.com/mem0ai/mem0/issues/3778	cna@vuldb.com	github.com	
vuldb.com/vuln/360550	cna@vuldb.com	vuldb.com	
vuldb.com/submit/805562	cna@vuldb.com	vuldb.com	
github.com/mem0ai/mem0	cna@vuldb.com	github.com	
vuldb.com/vuln/360550/cti	cna@vuldb.com	vuldb.com	
github.com/mem0ai/mem0/commit/62dca096f9236010ca15fea9ba369ba740b86b7a	cna@vuldb.com	github.com	

github.com/mem0ai/mem0/pull/4833	cna@vuldb.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: edoardottt (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-05-01T00:00:00.000Z	Advisory disclosed
CNA	2026-05-01T02:00:00.000Z	VulDB entry created
CNA	2026-05-01T11:57:30.000Z	VulDB entry last update

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