



vm2: Transformer Fast-Path Bypass Exposes Internal State Variable

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

Summary

CVE	CVE-2026-44003
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-13 18:16:16 UTC
Updated	2026-05-14 15:22:34 UTC
Description	vm2 is an open source vm/sandbox for Node.js. Prior to 3.11.0, vm2's code transformer has a performance optimization the

Risk And Classification

Primary CVSS: v3.1 5.8 MEDIUM from nvd@nist.gov

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

EPSS: 0.000380000 probability, percentile 0.112810000 (date 2026-05-15)

Problem Types: CWE-693 | CWE-693 CWE-693: Protection Mechanism Failure

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.8	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:L/I:N/A:N
3.1	security-advisories@github.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Changed

Confidentiality

Low

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Vm2 Project	Vm2	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Patriksimek	Vm2	affected < 3.11.0	Not specified

References

Reference	Source	Link	Tags
github.com/patriksimek/vm2/security/advisories/GHSA-wp5r-2gw5-m7q7	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	Exploit
CVE Program record	CVE.ORG	www.cve.org	canoni
NVD vulnerability detail	NVD	nvd.nist.gov	canoni

No vendor comments have been submitted for this CVE.

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

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