



vm2: nesting: true bypasses require: false, allowing sandbox escape to arbitrary OS command execution

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

Summary

CVE	CVE-2026-44007
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-13 18:16:17 UTC
Updated	2026-05-14 15:18:26 UTC
Description	vm2 is an open source vm/sandbox for Node.js. Prior to 3.11.1, when a NodeVM is created with nesting: true, sandbox cod

Risk And Classification

Primary CVSS: v3.1 9.1 CRITICAL from security-advisories@github.com

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

EPSS: 0.000360000 probability, percentile 0.108050000 (date 2026-05-17)

Problem Types: CWE-284 | CWE-284 CWE-284: Improper Access Control

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H
3.1	CNA	DECLARED	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

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 < 3.11.1	Not specified

References

Reference	Source	Link
www.openwall.com/lists/oss-security/2026/05/05/11	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com
github.com/patriksimek/vm2/security/advisories/GHSA-8hg8-63c5-gwmx	security-advisories@github.com	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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