



vm2: Sandbox escape

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2026-44005 |
| 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 16:16:23 UTC |
| Description | vm2 is an open source vm/sandbox for Node.js. From 3.9.6 to 3.10.5, vm2's bridge exposes mutable proxies for real host-r |

Risk And Classification

Primary CVSS: v3.1 10 CRITICAL from security-advisories@github.com

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

EPSS: 0.000450000 probability, percentile 0.140820000 (date 2026-05-14)

Problem Types: CWE-94 | CWE-1321 | CWE-1321 CWE-1321: Improperly Controlled Modification of Object Prototype Attributes ('Prototype Pollution') | CWE-94 CWE-94: Improper Control of Generation of Code ('Code Injection')

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1 | security-advisories@github.com | Secondary | 10 | CRITICAL | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:H/A:H |
| 3.1 | CNA | DECLARED | 10 | CRITICAL | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:H/A:H |

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Changed

Confidentiality

None

None

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/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 >= 3.9.6, < 3.11.0 | Not specified |

References

| Reference | Source | Link | Tags |
|---|--------------------------------------|--------------|----------|
| github.com/patriksimek/vm2/security/advisories/GHSA-vwrrp-x96c-mhwq | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com | Exploit, |
| CVE Program record | CVE.ORG | www.cve.org | canonic |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonic |

No vendor comments have been submitted for this CVE.

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

© CVE.report 2026 |
 Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of The MITRE Corporation and the authoritative source of CVE content is MITRE's CVE web site. This site includes MITRE data granted under the following license.

Free CVE JSON API cve.report/api
 CVE.report and Source URL Uptime Status status.cve.report