



vm2: Sandbox Escape via Promise Constructor Unhandled Rejection (Process Crash DoS)

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2026-44001 |
| State | PUBLISHED |
| Assigner | GitHub_M |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-05-13 18:16:16 UTC |
| Updated | 2026-05-13 18:17:47 UTC |
| Description | vm2 is an open source vm/sandbox for Node.js. Prior to 3.11.0, a sandbox escape vulnerability in vm2 v3.10.5 allows any s |

Risk And Classification

Primary CVSS: v3.1 8.6 HIGH from security-advisories@github.com

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

Problem Types: CWE-248 | CWE-248 CWE-248: Uncaught Exception

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1 | security-advisories@github.com | Secondary | 8.6 | HIGH | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:N/A:H |
| 3.1 | CNA | DECLARED | 8.6 | HIGH | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:N/I:N/A:H |

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Changed

Confidentiality

None

Integrity

None

Availability

High

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

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-hw58-p9xv-2mjh | security-advisories@github.com | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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