



h3: Missing Path Segment Boundary Check in `mount()` Causes Middleware Execution on Unrelated Prefix-Matching Routes

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

Summary

CVE	CVE-2026-33490
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-26 18:16:30 UTC
Updated	2026-03-31 21:00:13 UTC
Description	H3 is a minimal H(TTP) framework. In versions 2.0.0-0 through 2.0.1-rc.16, the `mount()` method in h3 uses a simple `start`

Risk And Classification

Primary CVSS: v3.1 5.3 MEDIUM from nvd@nist.gov

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

EPSS: 0.000440000 probability, percentile 0.135620000 (date 2026-04-02)

Problem Types: CWE-706 | CWE-706 CWE-706: Use of Incorrectly-Resolved Name or Reference

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N
3.1	security-advisories@github.com	Secondary	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N
3.1	CNA	DECLARED	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	H3	H3	2.0.1	rc1	All	All
Application	H3	H3	2.0.1	rc10	All	All
Application	H3	H3	2.0.1	rc11	All	All
Application	H3	H3	2.0.1	rc12	All	All
Application	H3	H3	2.0.1	rc13	All	All
Application	H3	H3	2.0.1	rc14	All	All
Application	H3	H3	2.0.1	rc15	All	All
Application	H3	H3	2.0.1	rc16	All	All
Application	H3	H3	2.0.1	rc2	All	All
Application	H3	H3	2.0.1	rc3	All	All
Application	H3	H3	2.0.1	rc4	All	All
Application	H3	H3	2.0.1	rc5	All	All
Application	H3	H3	2.0.1	rc6	All	All
Application	H3	H3	2.0.1	rc7	All	All
Application	H3	H3	2.0.1	rc8	All	All
Application	H3	H3	2.0.1	rc9	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	H3js	H3	affected >= 2.0.1-alpha.0, < 2.0.1-rc.17	Not specified

References

Reference	Source	Link	Tags
github.com/h3js/h3/security/advisories/GHSA-2j6q-whv2-gh6w	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	Exploit, Mitigation
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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