



Rack: Content-Length mismatch in Rack::Files error responses

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2026-34831 |
| State | PUBLISHED |
| Assigner | GitHub_M |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-04-02 17:16:26 UTC |
| Updated | 2026-04-02 17:16:26 UTC |
| Description | Rack is a modular Ruby web server interface. Prior to versions 2.2.23, 3.1.21, and 3.2.6, Rack::Files#fail sets the Content-L |

Risk And Classification

Primary CVSS: v3.1 4.8 MEDIUM from security-advisories@github.com

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

Problem Types: CWE-130 | CWE-135 | CWE-130 CWE-130: Improper Handling of Length Parameter Inconsistency | CWE-135 CWE-135: Incorrect Calculation of Multi-Byte String Length

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1 | security-advisories@github.com | Secondary | 4.8 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:N |
| 3.1 | CNA | DECLARED | 4.8 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:N |

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

None

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

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|----------------------|----------------------|-----------------------------------|---------------|
| CNA | Rack | Rack | affected < 2.2.23 | Not specified |
| CNA | Rack | Rack | affected >= 3.0.0.beta1, < 3.1.21 | Not specified |
| CNA | Rack | Rack | affected >= 3.2.0, < 3.2.6 | Not specified |

References

| Reference | Source | Link | Tags |
|---|--|---|---------------------|
| github.com/rack/rack/security/advisories/GHSA-q2ww-5357-x388 | 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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