



# Vim has path traversal issue with zip.vim and special crafted zip archives

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2025-53906  |
| <b>State</b>           | PUBLISHED   |
| <b>Assigner</b>        | GitHub_M  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2025-07-15 21:15:34 UTC   |
| <b>Updated</b>         | 2026-04-01 19:16:24 UTC   |
| <b>Description</b>     | Vim is an open source, command line text editor. Prior to version 9.1.1551, a path traversal issue in Vim's zip.vim plugin ca |

## Risk And Classification

**Primary CVSS:** v3.1 4.1 MEDIUM from security-advisories@github.com

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

**Problem Types:** CWE-22 | CWE-22 CWE-22: Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal')

| Version | Source                         | Type      | Score | Severity | Vector                                       |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1     | security-advisories@github.com | Secondary | 4.1   | MEDIUM   | CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:C/C:N/I:L/A:L |
| 3.1     | CNA                            | DECLARED  | 4.1   | MEDIUM   | CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:C/C:N/I:L/A:L |

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Changed

Confidentiality

None

Integrity

Severity: **Low**

Availability: **Low**

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

**NVD Known Affected Configurations (CPE 2.3)**

| Type        | Vendor | Product | Version | Update | Edition | Language |
|-------------|--------|---------|---------|--------|---------|----------|
| Application | Vim    | Vim     | All     | All    | All     | All      |

**Vendor Declared Affected Products**

| Source | Vendor | Product | Version             | Platforms     |
|--------|--------|---------|---------------------|---------------|
| CNA    | Vim    | Vim     | affected < 9.1.1551 | Not specified |

**References**

| Reference  | Source                               | Link             |
|--|--------------------------------------|------------------|
| github.com/vim/vim/commit/586294a04179d855c3d1d4ee5ea83931963680b8 | security-advisories@github.com       | github.com       |
| github.com/vim/vim/security/advisories/GHSA-r2fw-9cw4-mj86         | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com       |
| www.openwall.com/lists/oss-security/2026/04/01/4                   | af854a3a-2127-422b-91ae-364da2661108 | www.openwall.com |
| www.openwall.com/lists/oss-security/2025/07/15/2                   | af854a3a-2127-422b-91ae-364da2661108 | www.openwall.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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