# MemProcFS < 5.17 DLL/Shared Library Hijacking

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2026-40031 |
| **State** | PUBLISHED |
| **Assigner** | VulnCheck |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2026-04-08 22:16:23 UTC |
| **Updated** | 2026-04-17 16:15:37 UTC |
| **Description** | MemProcFS before 5.17 contains multiple unsafe library-loading patterns that enable DLL and shared-library hijacking acro |

## Risk And Classification

**Primary CVSS:** v4.0 8.5 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**EPSS:** 0.000150000 probability, percentile 0.027660000 (date 2026-04-20)

**Problem Types:** CWE-427 | CWE-427 CWE-427 Uncontrolled Search Path Element

| Version | Source | Type | Score | Severity | Vector |
|---|---|---|---|---|---|
| 4.0 | disclosure@vulncheck.com | Secondary | 8.5 | HIGH | CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA |
| 4.0 | CNA | CVSS | 8.5 | HIGH | CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA |
| 3.1 | disclosure@vulncheck.com | Secondary | 7.8 | HIGH | CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H |
| 3.1 | CNA | CVSS | 7.8 | HIGH | CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H |

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

Passive

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:P/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Ufrisk | Memprocfs | All | All | All | All |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|---|---|---|---|---|
| CNA | Ufrisk | MemProcFS | affected 5.16.12 comver | Not specified |

| | | | | |
|---|---|---|---|---|
| CNA | Ufrisk | MemProcFS | affected 5.16.12 semver | Not specified |
| CNA | Ufrisk | MemProcFS | unaffected 5.17 semver | Not specified |
| CNA | Ufrisk | MemProcFS | unaffected df80e6e83641f5004025ce661e6dd8139028d7b5 git | Not specified |

## References

| Reference | Source | Link |
|---|---|---|
| mobasi.ai/sentinel | disclosure@vulncheck.com | mobasi.ai |
| github.com/ufrisk/MemProcFS/releases/tag/v5.17 | disclosure@vulncheck.com | github.com |
| github.com/ufrisk/MemProcFS/commit/df80e6e83641f5004025ce661e6dd8139028d7b5 | disclosure@vulncheck.com | github.com |
| www.vulncheck.com/advisories/memprocfs-dll-shared-library-hijacking | disclosure@vulncheck.com | www.vulncheck.com |
| CVE Program record | CVE.ORG | www.cve.org |
| NVD vulnerability detail | NVD | nvd.nist.gov |

## Vendor Comments And Credit

Discovery Credit

**CNA:** Mobasi Security Team (en)

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