



# FreeRDP: contains `_dotdot()` off-by-one allows drive channel path traversal via terminal ..

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2026-40254   |
| <b>State</b>           | PUBLISHED  |
| <b>Assigner</b>        | GitHub_M   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2026-04-24 03:16:11 UTC  |
| <b>Updated</b>         | 2026-04-24 12:17:06 UTC  |
| <b>Description</b>     | FreeRDP is a free implementation of the Remote Desktop Protocol. Versions prior to 3.25.0 have an off-by-one in the path t |

## Risk And Classification

**Primary CVSS:** v3.1 4.2 MEDIUM from security-advisories@github.com

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

**Problem Types:** CWE-193 | CWE-193 CWE-193: Off-by-one Error

| Version | Source                         | Type      | Score | Severity | Vector                                       |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.1     | security-advisories@github.com | Secondary | 4.2   | MEDIUM   | CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:L/I:L/A:N |
| 3.1     | CNA                            | DECLARED  | 4.2   | MEDIUM   | CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:L/I:L/A:N |

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

None

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

### Vendor Declared Affected Products

| Source | Vendor  | Product | Version           | Platforms     |
|--------|---------|---------|-------------------|---------------|
| CNA    | FreeRDP | FreeRDP | affected < 3.25.0 | Not specified |

### References

| Reference  | Source                               | Link  | Tags |
|--|--------------------------------------|---|------|
| github.com/FreeRDP/FreeRDP/security/advisories/GHSA-3xpi-m4hx-8vmx | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | <a href="https://github.com">github.com</a>     |      |
| CVE Program record   | CVE.ORG                              | <a href="https://www.cve.org">www.cve.org</a>   | canc |
| NVD vulnerability detail   | NVD                                  | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | canc |

No vendor comments have been submitted for this CVE.

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

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