



FreeRDP: Progressive Codec Quant BYTE Underflow - UB + CPU DoS

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

Summary

CVE	CVE-2026-33983
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-30 22:16:19 UTC
Updated	2026-04-01 20:03:24 UTC
Description	FreeRDP is a free implementation of the Remote Desktop Protocol. Prior to version 3.24.2, progressive_decompress_tile_u

Risk And Classification

Primary CVSS: v3.1 6.5 MEDIUM from security-advisories@github.com

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

EPSS: 0.000450000 probability, percentile 0.138250000 (date 2026-04-02)

Problem Types: CWE-190 | CWE-252 | CWE-190 CWE-190: Integer Overflow or Wraparound | CWE-252 CWE-252: Unchecked Return Value

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Freerdp	Freerdp	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	FreeRDP	FreeRDP	affected < 3.24.2	Not specified

References

Reference	Source	Link
github.com/FreeRDP/FreeRDP/security/advisories/GHSA-4gfm-4p52-h478	security-advisories@github.com	github.com
github.com/FreeRDP/FreeRDP/commit/78188ab479c8e6eb9ba2475b3732c76b4bbe5425	security-advisories@github.com	github.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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