



# CVE-2022-39316

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-39316
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-11-16 20:15:00 UTC
<b>Updated</b>	2024-01-12 13:15:00 UTC
<b>Description</b>	FreeRDP is a free remote desktop protocol library and clients. In affected versions there is an out of bound read in ZGFX de

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	All	All	All	All

## References

Reference	Source	Link
Out of bound read in zgfx decoder · Advisory · FreeRDP/FreeRDP · GitHub	CONFIRM	<a href="#">github.com</a>
Added missing length checks in zgfx_decompress_segment · FreeRDP/FreeRDP@e865c24 · GitHub	MISC	<a href="#">github.com</a>
[SECURITY] Fedora 37 Update: freerdp-2.9.0-1.fc37 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 36 Update: freerdp-2.9.0-1.fc36 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
FreeRDP: Multiple Vulnerabilities (GLSA 202401-16) — Gentoo security		<a href="#">security.gentoo.org</a>
[SECURITY] Fedora 36 Update: freerdp-2.9.0-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
[debian-lts-announce] 20231117 [SECURITY] [DLA 3654-1] freerdp2 security update		<a href="#">lists.debian.org</a>
[SECURITY] Fedora 37 Update: freerdp-2.9.0-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

160601 Oracle Enterprise Linux Security Update for freerdp (ELSA-2023-2326)
160676 Oracle Enterprise Linux Security Update for freerdp (ELSA-2023-2851)
181930 Debian Security Update for freerdp2 (CVE-2022-39316)
199041 Ubuntu Security Notification for FreeRDP Vulnerabilities (USN-5734-1)
241431 Red Hat Update for freerdp (RHSA-2023:2326)
241541 Red Hat Update for freerdp (RHSA-2023:2851)
283518 Fedora Security Update for freerdp (FEDORA-2022-fd6e43dec8)
283519 Fedora Security Update for freerdp (FEDORA-2022-076b1c9978)
354723 Amazon Linux Security Advisory for freerdp : ALAS2-2023-1930
378638 Alibaba Cloud Linux Security Update for freerdp (ALINUX3-SA-2023:0064)
502855 Alpine Linux Security Update for freerdp
6000329 Debian Security Update for freerdp2 (DLA 3654-1)
672604 EulerOS Security Update for freerdp (EulerOS-SA-2023-1313)
691013 Free Berkeley Software Distribution (FreeBSD) Security Update for freerdp (1f0421b1-8398-11ed-973d-002b67dfc673)
710834 Gentoo Linux FreeRDP Multiple Vulnerabilities (GLSA 202401-16)
753679 SUSE Enterprise Linux Security Update for freerdp (SUSE-SU-2023:0400-1)
753682 SUSE Enterprise Linux Security Update for freerdp (SUSE-SU-2023:0399-1)
941031 AlmaLinux Security Update for freerdp (ALSA-2023:2326)
941069 AlmaLinux Security Update for freerdp (ALSA-2023:2851)

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