



# CVE-2020-11525

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

## Summary

<b>CVE</b>	CVE-2020-11525
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-05-15 17:15:00 UTC
<b>Updated</b>	2022-07-30 03:38:00 UTC
<b>Description</b>	libfreerdp/cache/bitmap.c in FreeRDP versions > 1.0 through 2.0.0-rc4 has an Out of bounds read.

## 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="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	-	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc0	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc1	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc2	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc3	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc4	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	-	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc0	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc1	All	All

Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc2	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc3	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	2.0.0	rc4	All	All
Application	<a href="#">Freerdp</a>	<a href="#">Freerdp</a>	All	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All

## References

Reference	Source	Link	Tags
<a href="https://pub.freerdp.com/cve/CVE-2020-11525/pocAnalysis_1.pdf">pub.freerdp.com/cve/CVE-2020-11525/pocAnalysis_1.pdf</a>	CONFIRM	<a href="https://pub.freerdp.com">pub.freerdp.com</a>	Exploit
Out of bounds read in bitmap.c · Advisory · FreeRDP/FreeRDP · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Patch
Fix issues with boundary access. by akallabeth · Pull Request #6019 · FreeRDP/FreeRDP · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	Patch
USN-4379-1: FreeRDP vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	Third Party
Commits · FreeRDP/FreeRDP · GitHub	MISC	<a href="https://github.com">github.com</a>	Patch
[security-announce] openSUSE-SU-2020:1090-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
[SECURITY] [DLA 2356-1] freerdp security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
USN-4382-1: FreeRDP vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">374379</a> EulerOS Security Update for freerdp (EulerOS-SA-2020-2343)
<a href="#">377291</a> Alibaba Cloud Linux Security Update for freerdp (ALINUX2-SA-2020:0161)
<a href="#">500962</a> Alpine Linux Security Update for freerdp
<a href="#">671555</a> EulerOS Security Update for freerdp (EulerOS-SA-2022-1564)
<a href="#">940155</a> AlmaLinux Security Update for freerdp and vinagre (ALSA-2020:4647)
<a href="#">960228</a> Rocky Linux Security Update for freerdp and vinagre (RLSA-2020:4647)

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