



CVE-2019-20840

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Summary

CVE	CVE-2019-20840
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-17 16:15:00 UTC
Updated	2023-11-07 03:09:00 UTC
Description	An issue was discovered in LibVNCServer before 0.9.13. libvncserver/ws_decode.c can lead to a crash because of unalign

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Libvncserver Project	Libvncserver	All	All	All	All
Application	Libvncserver Project	Libvncserver	All	All	All	All
Application	Libvnc Project	Libvncserver	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Hardware	Siemens	Simatic Itc1500	-	All	All	All

Operating System	Siemens	Simatic Itc1500 Firmware	All	All	All	All
Hardware	Siemens	Simatic Itc1500 Pro	-	All	All	All
Operating System	Siemens	Simatic Itc1500 Pro Firmware	All	All	All	All
Hardware	Siemens	Simatic Itc1900	-	All	All	All
Operating System	Siemens	Simatic Itc1900 Firmware	All	All	All	All
Hardware	Siemens	Simatic Itc1900 Pro	-	All	All	All
Operating System	Siemens	Simatic Itc1900 Pro Firmware	All	All	All	All
Hardware	Siemens	Simatic Itc2200	-	All	All	All
Operating System	Siemens	Simatic Itc2200 Firmware	All	All	All	All
Hardware	Siemens	Simatic Itc2200 Pro	-	All	All	All
Operating System	Siemens	Simatic Itc2200 Pro Firmware	All	All	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2020:1056-1: important: Security update	SUSE	lists.opensuse.org
[security-announce] openSUSE-SU-2020:0988-1: important: Security update	SUSE	lists.opensuse.org
[SECURITY] Fedora 32 Update: libvncserver-0.9.13-2.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Comparing LibVNCServer-0.9.12...LibVNCServer-0.9.13 · LibVNC/libvncserver · GitHub	MISC	github.com
USN-4434-1: LibVNCServer vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 32 Update: libvncserver-0.9.13-2.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[security-announce] openSUSE-SU-2020:1025-1: important: Security update	SUSE	lists.opensuse.org
cert-portal.siemens.com/productcert/pdf/ssa-390195.pdf	CONFIRM	cert-portal.siemens.com
fix crash because of unaligned accesses in hybiReadAndDecode() · LibVNC/libvncserver@0cf1400 · GitHub	MISC	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.

Legacy QID Mappings

- [501068](#) Alpine Linux Security Update for libvncserver
- [590668](#) Siemens SIMATIC ITC Multiple Vulnerabilities (ICSA-21-350-12)
- [671412](#) EulerOS Security Update for libvncserver (EulerOS-SA-2022-1329)
- [671677](#) EulerOS Security Update for libvncserver (EulerOS-SA-2022-1740)

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