



CVE-2019-20839

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

Summary

CVE	CVE-2019-20839
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	libvncclient/sockets.c in LibVNCServer before 0.9.13 has a buffer overflow via a long socket filename.

Risk And Classification

Problem Types: CWE-120

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
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	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 31 Update: libvncserver-0.9.13-2.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.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
[SECURITY] Fedora 31 Update: libvncserver-0.9.13-2.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
USN-4434-1: LibVNCServer vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
libvncclient: bail out if unix socket name would overflow · LibVNC/libvncserver@3fd0397 · GitHub	MISC	github.com
[SECURITY] Fedora 32 Update: libvncserver-0.9.13-2.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] [DLA 2264-1] libvncserver security update	MLIST	lists.debian.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
[SECURITY] [DLA 2347-1] libvncserver security update	MLIST	lists.debian.org
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

159219 Oracle Enterprise Linux Security Update for libvncserver (ELSA-2021-1811)

239298 Red Hat Update for libvncserver (RHSA-2021:1811)

377567 Alibaba Cloud Linux Security Update for gnome (ALINUX3-SA-2022:0108)

501068 Alpine Linux Security Update for libvncserver

590668 Siemens SIMATIC ITC Multiple Vulnerabilities (ICSA-21-350-12)

940381 AlmaLinux Security Update for libvncserver (ALSA-2021:1811)

960345 Rocky Linux Security Update for libvncserver (RLSA-2021:1811)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)