



CVE-2018-20020

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

Summary

CVE	CVE-2018-20020
State	PUBLIC
Assigner	vulnerability@kaspersky.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-12-19 16:29:00 UTC
Updated	2020-10-23 13:15:00 UTC
Description	LibVNC before commit 7b1ef0fc4815cab9a96c7278394152bdc89dc4d contains heap out-of-bound write vulnerability inside

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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	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	Debian	Debian Linux	9.0	All	All	All
Application	Libvnc Project	Libvncserver	All	All	All	All
Application	Libvnc Project	Libvncserver	All	All	All	All

References

Reference	Source	Link	Tags
-----------	--------	------	------

USN-3877-1: LibVNCServer vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advisory
USN-4547-1: iTALC vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
[SECURITY] [DLA 2016-1] ssvnc security update	MLIST	lists.debian.org	
USN-4547-2: SSVNC vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
KLCCERT-18-030: LibVNC Heap Out-of-Bound Write Kaspersky Lab ICS CERT	MISC	ics-cert.kaspersky.com	Third Party Advisory
[SECURITY] [DLA 1979-1] italc security update	MLIST	lists.debian.org	
USN-4587-1: iTALC vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
Debian -- Security Information -- DSA-4383-1 libvncserver	DEBIAN	www.debian.org	Third Party Advisory
[SECURITY] [DLA 1617-1] libvncserver security update	MLIST	lists.debian.org	Mailing List, Third Pa
ssvnc: Multiple vulnerabilities (GLSA 202006-06) — Gentoo security	GENTOO	security.gentoo.org	
LibVNCServer: Multiple vulnerabilities (GLSA 201908-05) — Gentoo security	GENTOO	security.gentoo.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[710154](#) Gentoo Linux LibVNCServer Multiple vulnerabilities (GLSA 201908-05)

© [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