



# CVE-2020-14403

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

## Summary

<b>CVE</b>	CVE-2020-14403
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-17 16:15:00 UTC
<b>Updated</b>	2022-03-09 22:56:00 UTC
<b>Description</b>	An issue was discovered in LibVNCServer before 0.9.13. libvncserver/hextile.c allows out-of-bounds access via encodings.

## Risk And Classification

### Problem Types: CWE-787

## 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>	14.04	All	All	All
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>	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>	18.10	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>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Application	<a href="#">Libvncserver Project</a>	<a href="#">Libvncserver</a>	All	All	All	All
Application	<a href="#">Libvncserver Project</a>	<a href="#">Libvncserver</a>	All	All	All	All
Application	<a href="#">Libvnc Project</a>	<a href="#">Libvncserver</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itc1500</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itc1500 Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itc1500 Pro</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itc1500 Pro Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itc1900</a>	-	All	All	All

Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itc1900 Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itc1900 Pro</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itc1900 Pro Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itc2200</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itc2200 Firmware</a>	All	All	All	All
Hardware	<a href="#">Siemens</a>	<a href="#">Simatic Itc2200 Pro</a>	-	All	All	All
Operating System	<a href="#">Siemens</a>	<a href="#">Simatic Itc2200 Pro Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
USN-4573-1: Vino vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
libvncserver: encodings: prevent OOB accesses · LibVNC/libvncserver@74e8a70 · GitHub	MISC	<a href="https://github.com">github.com</a>	Patch, T
Comparing LibVNCServer-0.9.12...LibVNCServer-0.9.13 · LibVNC/libvncserver · GitHub	MISC	<a href="https://github.com">github.com</a>	Release
USN-4434-1: LibVNCServer vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	Third Pa
[SECURITY] [DLA 2264-1] libvncserver security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	Third Pa
<a href="https://cert-portal.siemens.com/productcert/pdf/ssa-390195.pdf">cert-portal.siemens.com/productcert/pdf/ssa-390195.pdf</a>	CONFIRM	<a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a>	
[SECURITY] [DLA 2347-1] libvncserver security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonica
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonica

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)

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