



# CVE-2020-14344

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

## Summary

<b>CVE</b>	CVE-2020-14344
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-08-05 14:15:00 UTC
<b>Updated</b>	2023-11-07 03:17:00 UTC
<b>Description</b>	An integer overflow leading to a heap-buffer overflow was found in The X Input Method (XIM) client was implemented in lib

## Risk And Classification

**Problem Types:** CWE-190

## 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>	12.04	All	All	All
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>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All
Application	<a href="#">X.org</a>	<a href="#">Libx11</a>	All	All	All	All
Application	<a href="#">X.org</a>	<a href="#">Libx11</a>	All	All	All	All

## References

Reference	Source	Link	Ta
[SECURITY] Fedora 33 Update: libX11-1.6.12-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[security-announce] openSUSE-SU-2020:1162-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	

X.Org security advisory: July 31, 2020: libX11	MISC	<a href="https://lists.x.org">lists.x.org</a>	Ma
[SECURITY] Fedora 31 Update: libX11-1.6.12-1.fc31 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 31 Update: libX11-1.6.12-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
X.Org X11 library: Multiple vulnerabilities (GLSA 202008-18) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	
[security-announce] openSUSE-SU-2020:1198-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
[security-announce] openSUSE-SU-2020:1182-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
1862255 – (CVE-2020-14344) CVE-2020-14344 libX11: Heap overflow in the X input method client	CONFIRM	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>	Iss
[SECURITY] Fedora 32 Update: libX11-1.6.12-1.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 33 Update: libX11-1.6.12-1.fc33 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
USN-4487-1: libx11 vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
oss-security - Fwd: X.Org security advisory: July 31, 2020: libX11	MISC	<a href="https://www.openwall.com">www.openwall.com</a>	Ma
[SECURITY] Fedora 32 Update: libX11-1.6.12-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[security-announce] openSUSE-SU-2020:1164-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
USN-4487-2: libx11 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>	ca
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [159217](#) Oracle Enterprise Linux Security Update for userspace graphics, xorg-x11, and mesa (ELSA-2021-1804)
- [239300](#) Red Hat Update for userspace graphics, xorg-x11, and mesa (RHSA-2021:1804)
- [352393](#) Amazon Linux Security Advisory for libX11: ALAS2-2021-1661
- [377380](#) Alibaba Cloud Linux Security Update for userspace graphics, xorg-x11, and mesa (ALINUX3-SA-2022:0087)
- [377568](#) Alibaba Cloud Linux Security Update for userspace graphics, xorg-x11, and mesa (ALINUX3-SA-2022:0114)
- [500333](#) Alpine Linux Security Update for libx11
- [504097](#) Alpine Linux Security Update for libx11
- [690459](#) Free Berkeley Software Distribution (FreeBSD) Security Update for libx11 (6faa7feb-d3fa-11ea-9aba-0c9d925bbbc0)
- [940098](#) AlmaLinux Security Update for userspace (ALSA-2021:1804)
- [960449](#) Rocky Linux Security Update for userspace (RLSA-2021:1804)

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