



# CVE-2018-15857

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

## Summary

<b>CVE</b>	CVE-2018-15857
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-08-25 21:29:00 UTC
<b>Updated</b>	2019-08-06 17:15:00 UTC
<b>Description</b>	An invalid free in ExprAppendMultiKeysymList in xkbcomp/ast-build.c in xkbcommon before 0.8.1 could be used by local att

## Risk And Classification

**Problem Types:** CWE-416

## 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>	18.04	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
Application	<a href="#">Xkbcommon</a>	<a href="#">Libxkbcommon</a>	All	All	All	All
Application	<a href="#">Xkbcommon</a>	<a href="#">Libxkbcommon</a>	All	All	All	All
Application	<a href="#">Xkbcommon</a>	<a href="#">Xkbcommon</a>	All	All	All	All
Application	<a href="#">Xkbcommon</a>	<a href="#">Xkbcommon</a>	All	All	All	All

## References

Reference	Source	Link	Tags
USN-3786-2: libxkbcommon vulnerabilities   Ubuntu security notices	UBUNTU	<a href="#">usn.ubuntu.com</a>	Third Party Ad
USN-3786-1: libxkbcommon vulnerabilities   Ubuntu security notices	UBUNTU	<a href="#">usn.ubuntu.com</a>	Third Party Ad
xkbcommon: Multiple vulnerabilities (GLSA 201810-05) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	Third Party Ad
[ANNOUNCE] libxkbcommon 0.8.1	MISC	<a href="#">lists.freedesktop.org</a>	Mailing List, Pa

xkbcomp: fix pointer value for FreeStmt · xkbcommon/libxkbcommon@c1e5ac1 · GitHub	MISC	<a href="https://github.com">github.com</a>	Patch, Third P
Red Hat Customer Portal	REDHAT	<a href="https://access.redhat.com">access.redhat.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, ana

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[377269](#) Alibaba Cloud Linux Security Update for xorg (ALINUX2-SA-2019:0076)

[710237](#) Gentoo Linux xkbcommon Multiple Vulnerabilities (GLSA 201810-05)

[755582](#) SUSE Enterprise Linux Security Update for libxkbcommon (SUSE-SU-2024:0037-1)

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