



CVE-2018-15853

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2018-15853
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-08-25 21:29:00 UTC
Updated	2019-08-06 17:15:00 UTC
Description	Endless recursion exists in xkbcomp/expr.c in xkbcommon and libxkbcommon before 0.8.1, which could be used by local at

Risk And Classification

Problem Types: CWE-400

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	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
Application	Xkbcommon	Libxkbcommon	All	All	All	All
Application	Xkbcommon	Libxkbcommon	All	All	All	All
Application	Xkbcommon	Xkbcommon	All	All	All	All
Application	Xkbcommon	Xkbcommon	All	All	All	All

References

Reference	Source	Link
USN-3786-2: libxkbcommon vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.co
xkbcomp: fix stack overflow when evaluating boolean negation · xkbcommon/libxkbcommon@1f9d124 · GitHub	MISC	github.com
USN-3786-1: libxkbcommon vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.co
xkbcommon: Multiple vulnerabilities (GLSA 201810-05) — Gentoo security	GENTOO	security.gentoo

[ANNOUNCE] libxkbcommon 0.8.1	MISC	lists.freedesktop.org
Red Hat Customer Portal	REDHAT	access.redhat.com
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

[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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