



CVE-2018-15859

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Summary

CVE	CVE-2018-15859
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	Unchecked NULL pointer usage when parsing invalid atoms in ExprResolveLhs in xkbcomp/expr.c in xkbcommon before 0.

Risk And Classification

Problem Types: CWE-476

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	Xkbcommon	All	All	All	All

References

Reference	Source	Link	Tags
Fail expression lookup on invalid atoms · xkbcommon/libxkbcommon@bb4909d · GitHub	MISC	github.com	Patch, Third P
USN-3786-2: libxkbcommon vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Ac
USN-3786-1: libxkbcommon vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Ac
xkbcommon: Multiple vulnerabilities (GLSA 201810-05) — Gentoo security	GENTOO	security.gentoo.org	Third Party Ac
[ANNOUNCE] libxkbcommon 0.8.2	MISC	lists.freedesktop.org	Mailing List, P
Red Hat Customer Portal	REDHAT	access.redhat.com	

CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, and

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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