



CVE-2018-15856

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

Summary

CVE	CVE-2018-15856
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-08-25 21:29:00 UTC
Updated	2019-10-03 00:03:00 UTC
Description	An infinite loop when reaching EOL unexpectedly in compose/parser.c (aka the keymap parser) in xkbcommon before 0.8.1

Risk And Classification

Problem Types: CWE-835

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	Xkbcommon	All	All	All	All
Application	Xkbcommon	Xkbcommon	All	All	All	All

References

Reference	Source	Link	Tag
USN-3786-2: libxkbcommon vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Thir
USN-3786-1: libxkbcommon vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Thir
xkbcommon: Multiple vulnerabilities (GLSA 201810-05) — Gentoo security	GENTOO	security.gentoo.org	Thir
[ANNOUNCE] libxkbcommon 0.8.1	MISC	lists.freedesktop.org	Mai
compose: fix infinite loop in parser on some inputs · xkbcommon/libxkbcommon@842e435 · GitHub	MISC	github.com	Pat
Red Hat Customer Portal	REDHAT	access.redhat.com	

CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

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)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)