# CVE Detail – CVE-2019-15118

check\_input\_term in sound/usb/mixer.c in the Linux kernel through 5.2.9 mishandles recursion, leading to kernel stack exhaustion.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.34255

## CVSS Scoring

CVSS v3.1 Score: 5.5

Severity: MEDIUM

## Mapped CWE(s)

* CWE-674: Uncontrolled Recursion

## CAPEC(s)

* CAPEC-230: Serialized Data with Nested Payloads
* CAPEC-231: Oversized Serialized Data Payloads

## Affected Products

* cpe:2.3:o:linux:linux\_kernel:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:14.04:\*:\*:\*:esm:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:16.04:\*:\*:\*:esm:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:18.04:\*:\*:\*:esm:\*:\*:\*
* cpe:2.3:o:canonical:ubuntu\_linux:19.04:\*:\*:\*:-:\*:\*:\*
* cpe:2.3:o:debian:debian\_linux:8.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:debian:debian\_linux:9.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:debian:debian\_linux:10.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:opensuse:leap:15.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:opensuse:leap:15.1:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:netapp:active\_iq\_unified\_manager:-:\*:\*:\*:\*:vmware\_vsphere:\*:\*
* cpe:2.3:a:netapp:data\_availability\_services:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:netapp:hci\_management\_node:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:netapp:solidfire:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:netapp:solidfire\_baseboard\_management\_controller\_firmware:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:netapp:h410c\_firmware:-:\*:\*:\*:\*:\*:\*:\*