



# CVE-2016-3689

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

## Summary

<b>CVE</b>	CVE-2016-3689
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-05-02 10:59:00 UTC
<b>Updated</b>	2023-09-12 14:55:00 UTC
<b>Description</b>	The ims_pcu_parse_cdc_data function in drivers/input/misc/ims-pcu.c in the Linux kernel before 4.5.1 allows physically pro:

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## 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	14.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	sp1	All	All

Application	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	All	All	All
Application	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	sp1	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	sp1	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Software Development Kit</a>	12.0	sp1	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Workstation Extension</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Workstation Extension</a>	12.0	sp1	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Workstation Extension</a>	12.0	All	All	All
Operating System	Novell	<a href="#">Suse Linux Enterprise Workstation Extension</a>	12.0	sp1	All	All

## References

### Reference

[security-announce] [openSUSE-SU-2016:1382-1](#): important: Security update

oss-security - Re: CVE request -- linux kernel: crash on invalid USB device descriptors (ims-pcu driver)

[kernel/git/torvalds/linux.git](#) - Linux kernel source tree

[USN-2971-2](#): Linux kernel (Wily HWE) vulnerabilities | Ubuntu

[USN-3000-1](#): Linux kernel (Utopic HWE) vulnerabilities | Ubuntu

[USN-2968-1](#): Linux kernel vulnerabilities | Ubuntu

[USN-2970-1](#): Linux kernel (Vivid HWE) vulnerabilities | Ubuntu

Input: [ims-pcu](#) - sanity check against missing interfaces · [torvalds/linux@a0ad220](#) · GitHub

[USN-2968-2](#): Linux kernel (Trusty HWE) vulnerabilities | Ubuntu

Access Denied

Linux Kernel [ims\\_pcu\\_parse\\_cdc\\_data\(\)](#) Device Driver Flaw Lets Local Users Cause Denial of Service Conditions on the Target System - Sec

[USN-2971-1](#): Linux kernel vulnerabilities | Ubuntu

[security-announce] [SUSE-SU-2016:1764-1](#): important: Security update for

[security-announce] [SUSE-SU-2016:1690-1](#): important: Security update for

[security-announce] [SUSE-SU-2016:1696-1](#): important: Security update for

[www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.1](#)

1320060 – (CVE-2016-3689) CVE-2016-3689 kernel: denial of service via malicious device using [ims-pcu](#) driver

[USN-2971-3](#): Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

671064 EulerOS Security Update for kernel (EulerOS-SA-2019-2599)

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