# CVE-2014-4943

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

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|---|---|
| **CVE** | CVE-2014-4943 |
| **State** | PUBLISHED |
| **Assigner** | mitre |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2014-07-19 19:55:08 UTC |
| **Updated** | 2026-05-06 22:30:45 UTC |
| **Description** | The PPPoL2TP feature in net/l2tp/l2tp_ppp.c in the Linux kernel through 3.15.6 allows local users to gain privileges by leve |

## Risk And Classification

**Primary CVSS:** v2.0 6.9 from nvd@nist.gov

AV:L/AC:M/Au:N/C:C/I:C/A:C

**Problem Types:** CWE-269 | n/a

## CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:M/Au:N/C:C/I:C/A:C

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Linux | Linux Kernel | All | All | All | All |

## Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|---|---|---|---|---|
| CNA | Na | N/a | affected n/a | Not specified |

## References

| Reference | Source |
|---|---|
| linux.oracle.com \| ELSA-2014-3047 | af854a3a-2127-42 |
| Linux Kernel Flaw in PPP over L2TP Sockets Lets Local Users Gain Elevated Privileges - SecurityTracker | af854a3a-2127-42 |
| About Secunia Research \| Flexera | af854a3a-2127-42 |
| IBM X-Force Exchange | af854a3a-2127-42 |
| net/l2tp: don't fall back on UDP [get\|set]sockopt · torvalds/linux@3cf521f · GitHub | af854a3a-2127-42 |
| Linux Kernel PPP-over-L2TP Socket Level Handling - Crash PoC | af854a3a-2127-42 |
| [security-announce] SUSE-SU-2014:1319-1: important: Security update for | af854a3a-2127-42 |
| Security Advisory SA60220 - Oracle Linux update for kernel-uek - Secunia | af854a3a-2127-42 |
| kernel/git/torvalds/linux.git - Linux kernel source tree | af854a3a-2127-42 |
| [security-announce] SUSE-SU-2015:0481-1: important: Security update for | af854a3a-2127-42 |
| oss-security - CVE-2014-4943: Linux privilege escalation in ppp over l2tp sockets | af854a3a-2127-42 |
| linux.oracle.com \| ELSA-2014-3048 | af854a3a-2127-42 |
| Red Hat Customer Portal | af854a3a-2127-42 |
| About Secunia Research \| Flexera | af854a3a-2127-42 |
| [security-announce] openSUSE-SU-2015:0566-1: important: kernel update fo | af854a3a-2127-42 |
| Bug 1119458 – CVE-2014-4943 kernel: net: pppol2tp: level handling in pppol2tp_[s,g]etsockopt() | af854a3a-2127-42 |
| [security-announce] SUSE-SU-2014:1316-1: important: Security update for | af854a3a-2127-42 |
| Debian -- Security Information -- DSA-2992-1 linux | af854a3a-2127-42 |
| About Secunia Research \| Flexera | af854a3a-2127-42 |
| Security Advisory SA60011 - Ubuntu update for kernel - Secunia | af854a3a-2127-42 |
| osvdb.org/show/osvdb/109277 | af854a3a-2127-42 |
| Security Advisory SA60071 - Linux Kernel PPP Over L2TP Implementation Privilege Escalation Vulnerabilities - Secunia | af854a3a-2127-42 |
| linux.oracle.com \| ELSA-2014-0924 | af854a3a-2127-42 |
| kernel/git/torvalds/linux.git - Linux kernel source tree | MITRE |
| CVE Program record | CVE.ORG |
| NVD vulnerability detail | NVD |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.



**Free CVE JSON API** cve.report/api

**CVE.report and Source URL Uptime Status** **status.cve.report**