



CVE-2014-4943

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

Summary

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.

© [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](#).

Free CVE JSON API [cve.report/api](#)

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