CVE-2014-3185

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

Summary

CVE	CVE-2014-3185
State	PUBLISHED
Assigner	Chrome
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-09-28 10:55:10 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Multiple buffer overflows in the command_port_read_callback function in drivers/usb/serial/whiteheat.c in the Whiteheat US

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-119 | 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
Issue 98 - google-security-research - Linux Kernel Buffer Overflow in Whiteheat USB Serial Driver - Google Security Research - Google Proje
[security-announce] SUSE-SU-2015:0812-1: important: Security update for
Red Hat Customer Portal
1141400 – (CVE-2014-3185) CVE-2014-3185 Kernel: USB serial: memory corruption flaw
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.16.2
USN-2379-1: Linux kernel vulnerabilities | Ubuntu
USN-2375-1: Linux kernel (EC2) vulnerabilities | Ubuntu
Linux Kernel CVE-2014-3185 'whiteheat.c' Buffer Overflow Vulnerability
[security-announce] SUSE-SU-2015:0652-1: important: Security update for
USN-2377-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu
kernel/git/torvalds/linux.git - Linux kernel source tree
[security-announce] SUSE-SU-2015:0481-1: important: Security update for
oss-security - Multiple Linux USB driver CVE assignment
USN-2376-1: Linux kernel vulnerabilities | Ubuntu
[security-announce] openSUSE-SU-2015:0566-1: important: kernel update fo
USB: whiteheat: Added bounds checking for bulk command response · torvalds/linux@6817ae2 · GitHub
Red Hat Customer Portal
USN-2378-1: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu
USN-2374-1: Linux kernel vulnerabilities | Ubuntu
kernel/git/torvalds/linux.git - Linux kernel source tree
CVE Program record
NVD vulnerability detail

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