



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 Project Zero				
[security-announce] SUSE-SU-2015:0812-1: important: Security update for SUSE Linux Enterprise Server 12 SP2				
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 SUSE Linux Enterprise Server 12 SP2				
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 SUSE Linux Enterprise Server 12 SP2				
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 for openSUSE 13.2				
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.				

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