CVE-2015-1593

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

Summary

CVE	CVE-2015-1593
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-03-16 10:59:07 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The stack randomization feature in the Linux kernel before 3.19.1 on 64-bit platforms uses incorrect data types for the resul

Risk And Classification

Primary CVSS: v2.0 5 from nvd@nist.gov

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

Problem Types: CWE-264 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

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

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
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2
Linux Kernel ASLR CVE-2015-1593 Integer Overflow Vulnerability	af854a3a-2127-422b-91ae-364da2
[security-announce] openSUSE-SU-2015:0714-1: important: Security update	af854a3a-2127-422b-91ae-364da2
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2
USN-2561-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
[security-announce] SUSE-SU-2015:0736-1: important: Security update for	af854a3a-2127-422b-91ae-364da2
oss-security - Re: CVE-Request -- Linux ASLR integer overflow	af854a3a-2127-422b-91ae-364da2
USN-2564-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
CVE-2015-1593 - Linux ASLR integer overflow: Reducing stack entropy by four	af854a3a-2127-422b-91ae-364da2
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2
USN-2563-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
LKML: Kees Cook: Re: [PATH] Fix stack randomization on x86_64 bit	af854a3a-2127-422b-91ae-364da2
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2
x86, mm/ASLR: Fix stack randomization on 64-bit systems · torvalds/linux@4e7c22d · GitHub	af854a3a-2127-422b-91ae-364da2
USN-2565-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
1192519 – (CVE-2015-1593) CVE-2015-1593 kernel: Linux stack ASLR implementation Integer overflow	af854a3a-2127-422b-91ae-364da2
USN-2562-1: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.19.1	af854a3a-2127-422b-91ae-364da2
USN-2560-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2
Debian -- Security Information -- DSA-3170-1 linux	af854a3a-2127-422b-91ae-364da2
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