CVE-2014-7970

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Summary

CVE	CVE-2014-7970
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-10-13 10:55:00 UTC
Updated	2020-08-14 18:14:00 UTC
Description	The pivot_root implementation in fs/namespace.c in the Linux kernel through 3.17 does not properly interact with certain loc

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	sp3	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	sp3	All	All

References

Reference	Source	Link
About Secunia Research | Flexera	SECUNIA	secunia.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Linux Kernel VFS 'pivot_root()' Function Denial of Service Vulnerability	BID	www.securityfocus
1151095 – (CVE-2014-7970) CVE-2014-7970 Kernel: fs: VFS denial of service	CONFIRM	bugzilla.redhat.com
IBM X-Force Exchange	XF	exchange.xforce.ib
Linux Kernel VFS Filesystem Flaw Lets Local Users Deny Service - SecurityTracker	SECTRACK	www.securitytracke
[PATCH] mnt: Prevent pivot_root from creating a loop in the mount tree — Linux Filesystem Development	MLIST	www.spinics.net

USN-2513-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
[security-announce] SUSE-SU-2015:0736-1: important: Security update for	SUSE	lists.opensuse.org
USN-2419-1: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
Security Advisory SA60174 - Ubuntu update for kernel - Secunia	SECUNIA	secunia.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
USN-2514-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
oss-security - CVE-2014-7970: Linux VFS denial of service	MLIST	www.openwall.com
USN-2420-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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