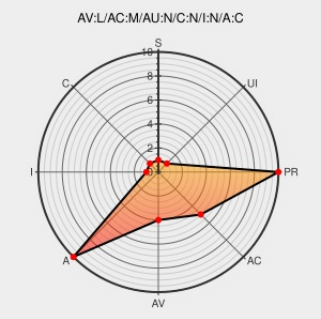
CVE-2013-1792

Published on: 03/22/2013 12:00:00 AM UTC

Last Modified on: 02/13/2023 04:41:00 AM UTC

CVE-2013-1792

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

Race condition in the install_user_keyrings function in security/keys/process_keys.c in the Linux kernel before 3.8.3 allows local users to cause a denial of service (NULL pointer dereference and system crash) via crafted keyctl system calls that trigger keyring operations in simultaneous threads.

CVE-2013-1792 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 4.7 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
keys: fix race with concurrent install_user_keyrings() · torvalds/linux@0da9dfd · GitHub	github.com text/html	CONFIRM github.com/torvalds/linux/commit/0da9dfdd2cd9889201bc6f6f43580c99165cd087
USN-1796-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1796-1
USN-1793-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1793-1
[security-announce] openSUSE-SU-2013:1187-1: important: 3.0.80 kernel	lists.opensuse.org text/html	SUSE openSUSE-SU-2013:1187

up		
916646 – (CVE-2013-1792) CVE-2013-1792 Kernel: keys: race condition in install_user_keyrings()	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=916646
USN-1788-1: Linux kernel (Oneiric backport) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1788-1
USN-1792-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1792-1
USN-1797-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1797-1
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2013:0744
USN-1787-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1787-1
USN-1794-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1794-1
[security-announce] openSUSE-SU-2014:0204-1: important: kernel: security	lists.opensuse.org text/html	SUSE openSUSE-SU-2014:0204
No Description Provided	Patch git.kernel.org text/html Inactive Link Not Archived	MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=0da9dfdd2cd9889201bc6f6f43580c99165cd087
oss-security - CVE-2013-1792 Linux kernel: KEYS: race with concurrent install_user_keyrings()	www.openwall.com text/html	MLIST [oss-security] 20130307 CVE-2013-1792 Linux kernel: KEYS: race with concurrent install_user_keyrings()
	www.kernel.org text/plain	CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.8.3
USN-1798-1: Linux kernel (EC2) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1798-1
Support / Security / Advisories / / MDVSA-2013:176 | Mandriva	www.mandriva.com text/html	MANDRIVA MDVSA-2013:176
USN-1795-1: Linux kernel (Quantal HWE) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1795-1

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.8.0	All	All	All
Operating System	Linux	Linux Kernel	3.8.1	All	All	All
Operating System	Linux	Linux Kernel	3.8.0	All	All	All
Operating System	Linux	Linux Kernel	3.8.1	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:linux:linux_kernel:3.8.0:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.1:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.0:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:3.8.1:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→