

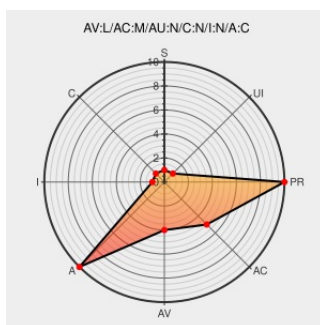


CVE-2013-1792

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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

LOCAL

Access Complexity

MEDIUM

Authentication

NONE

Confidentiality Impact

NONE

Integrity Impact

NONE

Availability Impact

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](#)
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UBUNTU USN-1793-1

[security-announce] openSUSE-SU-2013:1187-1: important: 3.0.80 kernel

[lists.opensuse.org](#)
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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](https://bugzilla.redhat.com/show_bug.cgi?id=916646)

USN-1788-1: Linux kernel
(Oneiric backport)
vulnerabilities | Ubuntu

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 [UBUNTU USN-1788-1](#)

USN-1792-1: Linux kernel
vulnerabilities | Ubuntu

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 [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

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 [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](https://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](https://www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.8.3)

USN-1798-1: Linux kernel
(EC2) vulnerabilities |
Ubuntu

www.ubuntu.com
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 [UBUNTU USN-1798-1](#)

Support / Security /
Advisories // MDVSA-
2013:176 | Mandriva

www.mandriva.com
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 [MANDRIVA MDVSA-2013:176](#)

USN-1795-1: Linux kernel
(Quantal HWE)
vulnerabilities | Ubuntu

www.ubuntu.com
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 [UBUNTU USN-1795-1](#)

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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

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