



CVE-2009-4895

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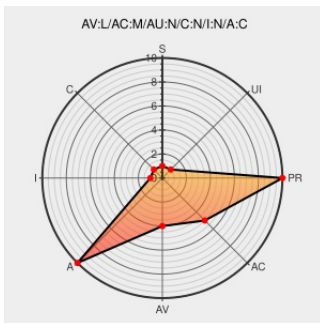
CVE-2009-4895

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

Race condition in the `tty_fasync` function in `drivers/char/tty_io.c` in the Linux kernel before 2.6.32.6 allows local users to cause a denial of service (NULL pointer dereference and system crash) or possibly have unspecified other impact via unknown vectors, related to the `put_tty_queue` and `__f_setown` functions. NOTE: the vulnerability was addressed in a different way in 2.6.32.9.

CVE-2009-4895 has been assigned by [M](#) cve@mitre.org 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

559100 – (CVE-2009-4895) CVE-2009-4895 kernel: tty->pgrp races

[Issue Tracking](#)
[Third Party Advisory](#)
[bugzilla.redhat.com](#)
[text/html](#)

[CONFIRM bugzilla.redhat.com/show_bug.cgi?id=559100](https://bugzilla.redhat.com/show_bug.cgi?id=559100)

USN-1000-1: Linux kernel vulnerabilities | Ubuntu

[Third Party Advisory](#)
[www.ubuntu.com](#)
[text/html](#)

[UBUNTU USN-1000-1](#)

Bug 14605 – NULL Pointer Dereference drivers/char/n_tty.c

[Issue Tracking](#)
[Patch](#)
[Vendor Advisory](#)
[bugzilla.kernel.org](#)
[text/html](#)

[CONFIRM bugzilla.kernel.org/show_bug.cgi?id=14605](https://bugzilla.kernel.org/show_bug.cgi?id=14605)

text/html

oss-security - Re: CVE Request - kernel: put_tty_queue NULL pointer deref

Mailing List

Third Party Advisory

www.openwall.com

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MLIST [oss-security] 20100615 Re: CVE Request - kernel: put_tty_queue NULL pointer deref

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MLIST [oss-security] 20100615 Re: CVE Request - kernel: put_tty_queue NULL pointer deref

Debian -- Security Information -- DSA-2094-1 linux-2.6

Third Party Advisory

www.debian.org

Deprecated Link

text/html

DEBIAN DSA-2094

404: File not found

Broken Link

www.kernel.org

text/plain

Inactive Link

Not Archived

CONFIRM www.kernel.org/pub/linux/kernel/v2.6/ChangeLog-2.6.32.6

oss-security - CVE Request - kernel: put_tty_queue NULL pointer deref

Mailing List

Patch

Third Party Advisory

www.openwall.com

text/html

MLIST [oss-security] 20100615 CVE Request - kernel: put_tty_queue NULL pointer deref

kernel/git/torvalds/linux.git - Linux kernel source tree

Patch

Vendor Advisory

git.kernel.org

text/html

CONFIRM git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git;a=commit;h=703625118069f9f8960d356676662d3db5a9d116

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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	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.10	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.10	All	All	All

Operating System	Canonical	Ubuntu Linux	9.10	All	All	All
Operating System	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.10	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.10	All	All	All
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:10.04:****:-:****:						
cpe:2.3:o:canonical:ubuntu_linux:10.10:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:6.06:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:8.04:****:-:****:						
cpe:2.3:o:canonical:ubuntu_linux:9.04:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:9.10:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:10.04:****:-:****:						
cpe:2.3:o:canonical:ubuntu_linux:10.10:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:6.06:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:8.04:****:-:****:						
cpe:2.3:o:canonical:ubuntu_linux:9.04:*****:****:						
cpe:2.3:o:canonical:ubuntu_linux:9.10:*****:****:						
cpe:2.3:o:debian:debian_linux:5.0:*****:****:						
cpe:2.3:o:debian:debian_linux:5.0:*****:****:						
cpe:2.3:o:linux:linux_kernel:*****:****:						

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

No vendor comments have been submitted for this CVE

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