



CVE-2011-5321

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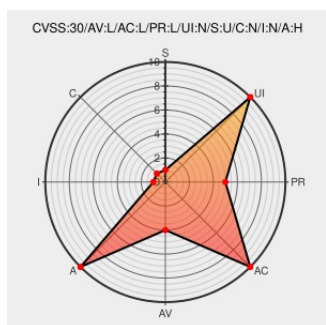
CVE-2011-5321

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

The `tty_open` function in `drivers/tty/tty_io.c` in the Linux kernel before 3.1.1 mishandles a driver-lookup failure, which allows local users to cause a denial of service (NULL pointer dereference and system crash) or possibly have unspecified other impact via crafted access to a device file under the `/dev/pts` directory.

CVE-2011-5321 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector

Attack Complexity

Privileges Required

User Interaction

LOCAL

LOW

LOW

NONE

Scope

Confidentiality Impact

Integrity Impact

Availability Impact

UNCHANGED

NONE

NONE

HIGH

CVSS2 Score: **4.9 - MEDIUM**

Access Vector

Access Complexity

Authentication

LOCAL

LOW

NONE

Confidentiality Impact

Integrity Impact

Availability Impact

NONE

NONE

COMPLETE

CVE References

Description

Tags

Link

oss-security - Re: CVE request: Linux kernel: tty: kobject reference leakage in `tty_open`

[www.openwall.com](https://www.openwall.com/text/html)
[text/html](#)

MLIST [oss-security] 20150313 Re: CVE request: Linux kernel: tty: kobject reference leakage in `tty_open`

kernel/git/torvalds/linux.git - Linux kernel source tree	Vendor Advisory git.kernel.org text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=c290f8358acaeffd8e0c551ddcc24d1206143376
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2015:1221
Bug 1201887 – CVE-2011-5321 Kernel: tty: driver reference leakage in tty_open	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1201887
TTY: drop driver reference in tty_open fail path · torvalds/linux@c290f83 · GitHub	Vendor Advisory github.com text/html	CONFIRM github.com/torvalds/linux/commit/c290f8358acaeffd8e0c551ddcc24d1206143376
	www.kernel.org text/plain	CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.1.1
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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	All	All	All	All
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*						

No vendor comments have been submitted for this CVE

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