CVE-2015-7884

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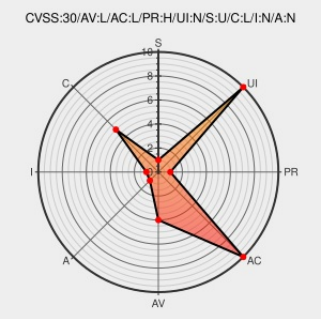

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The vivid_fb_ioctl function in drivers/media/platform/vivid/vivid-osd.c in the Linux kernel through 4.3.3 does not initialize a certain structure member, which allows local users to obtain sensitive information from kernel memory via a crafted application.

CVE-2015-7884 has been assigned by cve@mitre.org to track the vulnerability - currently rated as LOW severity.

CVSS3 Score: 2.3 - LOW

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	NONE	NONE

CVSS2 Score: 1.9 - LOW

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

CVE References

Description	Tags	Link
Linux Kernel Initialization Bug in vivid_fb_ioctl() Lets Local Users View Portions of System Memory on the Target System - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034893

Bug 1274726 – CVE-2015-7884 kernel: media/vivid-osd: information leak in ioctl	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1274726
USN-2843-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2843-1
USN-2843-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2843-3
USN-2842-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2842-1
Linux Kernel Multiple Local Information Disclosure Vulnerabilities	cve.report (archive) text/html	BID 77317
kernel/git/torvalds/linux.git - Linux kernel source tree	git.kernel.org text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=eda98796aff0d9bf41094b06811f5def3b4c333c
USN-2842-2: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2842-2
oss-security - Re: CVE Request: Linux Kernel ioctl infoleaks on vivid-osd and dgnc	www.openwall.com text/html	MLIST [oss-security] 20151021 Re: CVE Request: Linux Kernel ioctl infoleaks on vivid-osd and dgnc
[security-announce] openSUSE-SU-2016:1008-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2016:1008
[media] media/vivid-osd: fix info leak in ioctl · torvalds/linux@eda9879 · GitHub	github.com text/html	CONFIRM github.com/torvalds/linux/commit/eda98796aff0d9bf41094b06811f5def3b4c333c
USN-2843-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2843-2

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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

← Previous ID Next ID→

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