CVE-2015-7885

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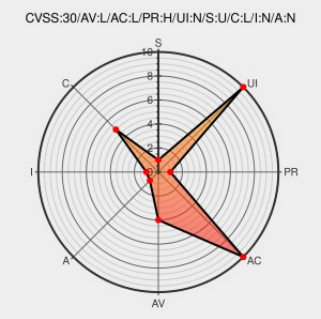
CVE-2015-7885

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



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

The dgnc_mgmt_ioctl function in drivers/staging/dgnc/dgnc_mgmt.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-2015-7885 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: 2.1 - LOW

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

CVE References

Description	Tags	Link
USN-2843-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2843-1
USN-2843-3: Linux kernel (Raspberry Pi 2)	www.ubuntu.com text/html	UBUNTU USN-2843-3

vulnerabilities | Ubuntu		
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=4b6184336ebb5c8dc1eae7f7ab46ee608a748b05
USN-2841-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2841-2
USN-2842-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2842-1
Linux Kernel Flaw Lets Local Users View Portions of System Memory on the Target System - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034896
Linux Kernel Multiple Local Information Disclosure Vulnerabilities	cve.report (archive) text/html	BID 77317
Bug 1274728 – CVE-2015-7885 kernel: staging/dgnc: information leak in ioctl	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1274728
USN-2844-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2844-1
USN-2841-1: Linux kernel vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2841-1
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
staging/dgnc: fix info leak in ioctl · torvalds/linux@4b61843 · GitHub	github.com text/html	CONFIRM github.com/torvalds/linux/commit/4b6184336ebb5c8dc1eae7f7ab46ee608a748b05
USN-2843-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2843-2

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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