CVE-2012-6703

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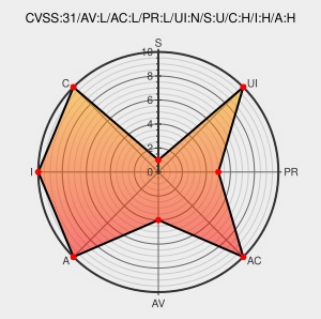
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

Integer overflow in the snd_compr_allocate_buffer function in sound/core/compress_offload.c in the ALSA subsystem in the Linux kernel before 3.6-rc6-next-20120917 allows local users to cause a denial of service (insufficient memory allocation) or possibly have unspecified other impact via a crafted SNDRV_COMPRESS_SET_PARAMS ioctl call.

CVE-2012-6703 has been assigned by security@microfocus.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 7.2 - HIGH

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

CVE References

Description	Tags	Link
	Patch www.kernel.org	CONFIRM www.kernel.org/pub/linux/kernel/next/patch-v3.6-rc6-next-20120917.xz

	application/x-xz	
Linux Kernel ALSA snd_compr_allocate_buffer() Lets Local Users Cause Denial of Service Conditions on the Target System - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1036190
1351076 – (CVE-2012-6703) CVE-2012-6703 kernel: Integer overflow in compress_core	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1351076
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=b35cc8225845112a616e3a2266d2fde5ab13d3ab
ALSA: compress_core: integer overflow in snd_compr_allocate_buffer() · torvalds/linux@b35cc82 · GitHub	Vendor Advisory github.com text/html	CONFIRM github.com/torvalds/linux/commit/b35cc8225845112a616e3a2266d2fde5ab13d3ab
oss-security - Re: CVE Request: integer overflow in ALSA snd_compress_check_input	www.openwall.com text/html	MLIST [oss-security] 20160628 Re: CVE Request: integer overflow in ALSA snd_compress_check_input
Linux Kernel CVE-2012-6703 Local Integer Overflow Vulnerability	cve.report (archive) text/html	BID 91502

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
Operating System	Linux	Linux Kernel	All	rc5	All	All

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

cpe:2.3:o:linux:linux_kernel:*:rc5:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report