



CVE-2012-6703

Published on: 06/29/2016 12:00:00 AM UTC

Last Modified on: 01/17/2023 09:45:00 PM UTC

CVE-2012-6703

[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/cgiit/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](#)

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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
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

[← Previous ID](#)[Next ID →](#)

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