



CVE-2013-2596

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2013-2596
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-04-13 02:59:00 UTC
Updated	2023-11-07 02:15:00 UTC
Description	Integer overflow in the fb_mmap function in drivers/video/fbmem.c in the Linux kernel before 3.8.9, as used in a certain Mot

Risk And Classification

EPSS: 0.026960000 probability, percentile 0.858020000 (date 2026-04-01)

CISA KEV: Listed on 2022-09-15; due 2022-10-06; ransomware use Unknown

Problem Types: CWE-189

CISA Known Exploited Vulnerability

Vendor	Linux
Product	Kernel
Name	Linux Kernel Integer Overflow Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit?id=fc9bbca8f650e5f738af8806317c0a041a48ae4a ; https://nvd.nist.gov/vuln/detail/CVE-2013-2596

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	3.8.0	All	All	All
Operating System	Linux	Linux Kernel	3.8.1	All	All	All
Operating System	Linux	Linux Kernel	3.8.2	All	All	All
Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All

Operating System	Linux	Linux Kernel	3.8.6	All	All	All
Operating System	Linux	Linux Kernel	3.8.7	All	All	All
Operating System	Linux	Linux Kernel	3.8.0	All	All	All
Operating System	Linux	Linux Kernel	3.8.1	All	All	All
Operating System	Linux	Linux Kernel	3.8.2	All	All	All
Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All
Operating System	Linux	Linux Kernel	3.8.6	All	All	All
Operating System	Linux	Linux Kernel	3.8.7	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Motorola	Android	4.1.2	All	All	All
Operating System	Motorola	Android	4.1.2	All	All	All
Hardware	Motorola	Atrix Hd	-	All	All	All
Hardware	Motorola	Atrix Hd	-	All	All	All
Hardware	Motorola	Atrix Hd	-	All	All	All
Hardware	Motorola	Razr Hd	-	All	All	All
Hardware	Motorola	Razr Hd	-	All	All	All
Hardware	Motorola	Razr Hd	-	All	All	All
Hardware	Motorola	Razr M	-	All	All	All
Hardware	Motorola	Razr M	-	All	All	All
Hardware	Motorola	Razr M	-	All	All	All
Hardware	Qualcomm	Msm8960	-	All	All	All
Hardware	Qualcomm	Msm8960	-	All	All	All
Hardware	Qualcomm	Msm8960	-	All	All	All

References

Reference

[kernel/git/torvalds/linux.git](#) - Linux kernel source tree

[kernel/git/torvalds/linux.git](#) - Linux kernel source tree

[vm: add vm_iomap_memory\(\) helper function · torvalds/linux@b4cbb19 · GitHub](#)

[kernel/git/torvalds/linux.git](#) - Linux kernel source tree

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[www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.8.9](#)

Motorola Multiple Devices For Android Local Privilege Escalation Vulnerability

'Device driver memory 'mmap()' function helper cleanup' - MARC

2016-10 Security Bulletin: CTPView: Multiple vulnerabilities in CTPView - Juniper Networks

Root Method Released for DROID RAZR HD Running Android 4.1.2, Other Devices Too | Droid Life

kernel/git/torvalds/linux.git - Linux kernel source tree

Oracle Linux Bulletin - January 2016

[Q] Understanding how motochopper works - xda-developers

vm: convert fb_mmap to vm_iomap_memory() helper · torvalds/linux@fc9bbca · GitHub

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Support / Security / Advisories // MDVSA-2013:176 | Mandriva

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[ROOT] Motochopper: {WARNING: No longer works on newer builds} - VZW Droid Razr/Razr Maxx HD Development [XT926] - DroidRzr.com

CVE Program record

NVD vulnerability detail

CISA Known Exploited Vulnerabilities catalog



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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