



CVE-2013-2597

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2013-2597
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-08-31 10:55:03 UTC
Updated	2026-04-22 14:30:39 UTC
Description	Stack-based buffer overflow in the acdb_ioctl function in audio_acdb.c in the acdb audio driver for the Linux kernel 2.6.x and

Risk And Classification

Primary CVSS: v3.1 8.4 HIGH from ADP

CVSS: 3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.061030000 probability, percentile 0.908150000 (date 2026-04-24)

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

Problem Types: NVD-CWE-Other | CWE-121 | n/a | CWE-121 CWE-121 Stack-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:I/C:A:C

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

CISA Known Exploited Vulnerability

Vendor	Code Aurora
Product	ACDB Audio Driver
Name	Code Aurora ACDB Audio Driver Stack-based Buffer Overflow Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://web.archive.org/web/20161226013354/https://www.codeaurora.org/news/security-advisories/stack-based-buffer-overflow-acdb-audio-driver-cve-2013-2597 ; https://nvd.nist.gov/vuln/detail/CVE-2013-2597

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Codeaurora	Android-msm	2.6.29	All	All	All
Operating System	Codeaurora	Android-msm	3.10	All	All	All
Operating System	Codeaurora	Android-msm	3.10.22	All	All	All
Operating System	Codeaurora	Android-msm	3.10.23	All	All	All
Operating System	Codeaurora	Android-msm	3.10.24	All	All	All

Operating System	Codeaurora	Android-msm	3.12.17	All	All	All
Operating System	Codeaurora	Android-msm	3.12.18	All	All	All
Operating System	Codeaurora	Android-msm	3.12.19	All	All	All
Operating System	Codeaurora	Android-msm	3.12.20	All	All	All
Operating System	Codeaurora	Android-msm	3.12.21	All	All	All
Operating System	Codeaurora	Android-msm	3.12.22	All	All	All
Operating System	Codeaurora	Android-msm	3.12.23	All	All	All
Operating System	Codeaurora	Android-msm	3.12.24	All	All	All
Operating System	Codeaurora	Android-msm	3.12.25	All	All	All
Operating System	Codeaurora	Android-msm	3.12.26	All	All	All
Operating System	Codeaurora	Android-msm	3.12.3	All	All	All
Operating System	Codeaurora	Android-msm	3.12.4	All	All	All
Operating System	Codeaurora	Android-msm	3.12.5	All	All	All
Operating System	Codeaurora	Android-msm	3.12.6	All	All	All
Operating System	Codeaurora	Android-msm	3.12.7	All	All	All
Operating System	Codeaurora	Android-msm	3.12.8	All	All	All
Operating System	Codeaurora	Android-msm	3.12.9	All	All	All
Operating System	Codeaurora	Android-msm	3.13	All	All	All
Operating System	Codeaurora	Android-msm	3.13	rc1	All	All
Operating System	Codeaurora	Android-msm	3.13	rc2	All	All
Operating System	Codeaurora	Android-msm	3.13	rc3	All	All
Operating System	Codeaurora	Android-msm	3.13	rc4	All	All
Operating System	Codeaurora	Android-msm	3.13	rc5	All	All
Operating System	Codeaurora	Android-msm	3.13	rc6	All	All
Operating System	Codeaurora	Android-msm	3.13	rc7	All	All
Operating System	Codeaurora	Android-msm	3.13	rc8	All	All
Operating System	Codeaurora	Android-msm	3.13.1	All	All	All
Operating System	Codeaurora	Android-msm	3.13.10	All	All	All
Operating System	Codeaurora	Android-msm	3.13.11	All	All	All
Operating System	Codeaurora	Android-msm	3.13.2	All	All	All
Operating System	Codeaurora	Android-msm	3.13.3	All	All	All
Operating System	Codeaurora	Android-msm	3.13.4	All	All	All
Operating System	Codeaurora	Android-msm	3.13.5	All	All	All
Operating System	Codeaurora	Android-msm	3.13.6	All	All	All
Operating System	Codeaurora	Android-msm	3.13.7	All	All	All
Operating System	Codeaurora	Android-msm	3.13.8	All	All	All

Operating System	Codeaurora	Android-msm	3.13.9	All	All	All
Operating System	Codeaurora	Android-msm	3.14	All	All	All
Operating System	Codeaurora	Android-msm	3.14	rc1	All	All
Operating System	Codeaurora	Android-msm	3.14	rc2	All	All
Operating System	Codeaurora	Android-msm	3.14	rc3	All	All
Operating System	Codeaurora	Android-msm	3.14	rc4	All	All
Operating System	Codeaurora	Android-msm	3.14	rc5	All	All
Operating System	Codeaurora	Android-msm	3.14	rc6	All	All
Operating System	Codeaurora	Android-msm	3.14	rc7	All	All
Operating System	Codeaurora	Android-msm	3.14	rc8	All	All
Operating System	Codeaurora	Android-msm	3.14.1	All	All	All
Operating System	Codeaurora	Android-msm	3.14.10	All	All	All
Operating System	Codeaurora	Android-msm	3.14.11	All	All	All
Operating System	Codeaurora	Android-msm	3.14.12	All	All	All
Operating System	Codeaurora	Android-msm	3.14.13	All	All	All
Operating System	Codeaurora	Android-msm	3.14.14	All	All	All
Operating System	Codeaurora	Android-msm	3.14.15	All	All	All
Operating System	Codeaurora	Android-msm	3.14.16	All	All	All
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Operating System	Codeaurora	Android-msm	3.14.6	All	All	All
Operating System	Codeaurora	Android-msm	3.14.7	All	All	All
Operating System	Codeaurora	Android-msm	3.14.8	All	All	All
Operating System	Codeaurora	Android-msm	3.14.9	All	All	All
Operating System	Codeaurora	Android-msm	3.15	All	All	All
Operating System	Codeaurora	Android-msm	3.15	rc1	All	All
Operating System	Codeaurora	Android-msm	3.15	rc2	All	All
Operating System	Codeaurora	Android-msm	3.15	rc3	All	All
Operating System	Codeaurora	Android-msm	3.15	rc4	All	All
Operating System	Codeaurora	Android-msm	3.15	rc5	All	All
Operating System	Codeaurora	Android-msm	3.15	rc6	All	All
Operating System	Codeaurora	Android-msm	3.15	rc7	All	All
Operating System	Codeaurora	Android-msm	3.15	rc8	All	All

Operating System	Codeaurora	Android-msm	3.15.1	All	All	All
Operating System	Codeaurora	Android-msm	3.15.10	All	All	All
Operating System	Codeaurora	Android-msm	3.15.2	All	All	All
Operating System	Codeaurora	Android-msm	3.15.3	All	All	All
Operating System	Codeaurora	Android-msm	3.15.4	All	All	All
Operating System	Codeaurora	Android-msm	3.15.5	All	All	All
Operating System	Codeaurora	Android-msm	3.15.6	All	All	All
Operating System	Codeaurora	Android-msm	3.15.7	All	All	All
Operating System	Codeaurora	Android-msm	3.15.8	All	All	All
Operating System	Codeaurora	Android-msm	3.15.9	All	All	All
Operating System	Codeaurora	Android-msm	3.16	All	All	All
Operating System	Codeaurora	Android-msm	3.16	rc1	All	All
Operating System	Codeaurora	Android-msm	3.16	rc2	All	All
Operating System	Codeaurora	Android-msm	3.16	rc3	All	All
Operating System	Codeaurora	Android-msm	3.16	rc4	All	All
Operating System	Codeaurora	Android-msm	3.16	rc5	All	All
Operating System	Codeaurora	Android-msm	3.16	rc6	All	All
Operating System	Codeaurora	Android-msm	3.16	rc7	All	All
Operating System	Codeaurora	Android-msm	3.16.1	All	All	All
Operating System	Codeaurora	Android-msm	3.17	rc1	All	All
Operating System	Codeaurora	Android-msm	3.2.54	All	All	All
Operating System	Codeaurora	Android-msm	3.2.55	All	All	All
Operating System	Codeaurora	Android-msm	3.2.56	All	All	All
Operating System	Codeaurora	Android-msm	3.2.57	All	All	All
Operating System	Codeaurora	Android-msm	3.2.58	All	All	All
Operating System	Codeaurora	Android-msm	3.2.59	All	All	All
Operating System	Codeaurora	Android-msm	3.2.60	All	All	All
Operating System	Codeaurora	Android-msm	3.2.61	All	All	All
Operating System	Codeaurora	Android-msm	3.2.62	All	All	All
Operating System	Codeaurora	Android-msm	3.4.100	All	All	All
Operating System	Codeaurora	Android-msm	3.4.101	All	All	All
Operating System	Codeaurora	Android-msm	3.4.102	All	All	All
Operating System	Codeaurora	Android-msm	3.4.103	All	All	All
Operating System	Codeaurora	Android-msm	3.4.72	All	All	All
Operating System	Codeaurora	Android-msm	3.4.73	All	All	All
Operating System	Codeaurora	Android-msm	3.4.74	All	All	All

Operating System	Codeaurora	Android-msm	3.4.74	All	All	All
Operating System	Codeaurora	Android-msm	3.4.75	All	All	All
Operating System	Codeaurora	Android-msm	3.4.76	All	All	All
Operating System	Codeaurora	Android-msm	3.4.77	All	All	All
Operating System	Codeaurora	Android-msm	3.4.78	All	All	All
Operating System	Codeaurora	Android-msm	3.4.79	All	All	All
Operating System	Codeaurora	Android-msm	3.4.80	All	All	All
Operating System	Codeaurora	Android-msm	3.4.81	All	All	All
Operating System	Codeaurora	Android-msm	3.4.82	All	All	All
Operating System	Codeaurora	Android-msm	3.4.83	All	All	All
Operating System	Codeaurora	Android-msm	3.4.84	All	All	All
Operating System	Codeaurora	Android-msm	3.4.85	All	All	All
Operating System	Codeaurora	Android-msm	3.4.86	All	All	All
Operating System	Codeaurora	Android-msm	3.4.87	All	All	All
Operating System	Codeaurora	Android-msm	3.4.88	All	All	All
Operating System	Codeaurora	Android-msm	3.4.89	All	All	All
Operating System	Codeaurora	Android-msm	3.4.90	All	All	All
Operating System	Codeaurora	Android-msm	3.4.91	All	All	All
Operating System	Codeaurora	Android-msm	3.4.92	All	All	All
Operating System	Codeaurora	Android-msm	3.4.93	All	All	All
Operating System	Codeaurora	Android-msm	3.4.94	All	All	All
Operating System	Codeaurora	Android-msm	3.4.95	All	All	All
Operating System	Codeaurora	Android-msm	3.4.96	All	All	All
Operating System	Codeaurora	Android-msm	3.4.97	All	All	All
Operating System	Codeaurora	Android-msm	3.4.98	All	All	All
Operating System	Codeaurora	Android-msm	3.4.99	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
Stack-based buffer overflow in acdb audio driver (CVE-2013-2597) Code Aurora Forum	af854a3a-2127-422b-91ae-364da2661108	www
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3-4a467353bcc0	www
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2022-09-15T00:00:00.000Z	CVE-2013-2597 added to CISA KEV

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

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