



# CVE-2024-23300

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

## Summary

<b>CVE</b>	CVE-2024-23300
<b>State</b>	PUBLISHED
<b>Assigner</b>	apple
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-03-12 21:15:58 UTC
<b>Updated</b>	2026-04-02 19:17:17 UTC
<b>Description</b>	A use-after-free issue was addressed with improved memory management. This issue is fixed in GarageBand 10.4.11. Pro

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from nvd@nist.gov

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

**EPSS:** 0.001120000 probability, percentile 0.297770000 (date 2026-04-02)

**Problem Types:** CWE-416 | Processing a maliciously crafted file may lead to unexpected app termination or arbitrary code execution | CWE-416 CWE-416 Use After Free

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apple	Garageband	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apple	GarageBand	affected 10.4.11 custom	Not specified
ADP	Apple	Garageband	affected 10.4.11 custom	Not specified

### References

Reference	Source	Link	Tags
support.apple.com/en-us/120885	product-security@apple.com	support.apple.com	
support.apple.com/kb/HT214090	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	
support.apple.com/en-us/HT214090	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	Vendor Advisory
seclists.org/fulldisclosure/2024/Mar/27	af854a3a-2127-422b-91ae-364da2661108	seclists.org	Mailing List
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

379497 Apple GarageBand Security Update (HT214090)

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