CVE-2024-27873

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Summary

CVE	CVE-2024-27873
State	PUBLISHED
Assigner	apple
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-07-29 23:15:10 UTC
Updated	2026-04-02 19:17:36 UTC
Description	An out-of-bounds write issue was addressed with improved input validation. This issue is fixed in iOS 16.7.9 and iPadOS 16

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-787 | Processing a maliciously crafted video file may lead to unexpected app termination | CWE-787 CWE-787 Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
3.1	ADP	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Ipados	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apple	IOS And IPadOS	affected 16.7.9 custom	Not specified
CNA	Apple	IOS And IPadOS	affected 17.6 custom	Not specified
CNA	Apple	MacOS	affected 12.7.6 custom	Not specified
CNA	Apple	MacOS	affected 13.6.8 custom	Not specified
CNA	Apple	MacOS	affected 14.6 custom	Not specified

References

Reference	Source	Link	Tags
support.apple.com/en-us/120912	product-security@apple.com	support.apple.com	
support.apple.com/en-us/HT214116	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	Release Notes, Vendor Advisory
support.apple.com/en-us/120909	product-security@apple.com	support.apple.com	
support.apple.com/en-us/120910	product-security@apple.com	support.apple.com	
seclists.org/fulldisclosure/2024/Jul/16	af854a3a-2127-422b-91ae-364da2661108	seclists.org	Mailing List, Third Party Advisory
support.apple.com/en-us/HT214117	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	Release Notes, Vendor Advisory
support.apple.com/kb/HT214120	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	
seclists.org/fulldisclosure/2024/Jul/17	af854a3a-2127-422b-91ae-364da2661108	seclists.org	Mailing List, Third Party Advisory
support.apple.com/kb/HT214118	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	
support.apple.com/kb/HT214117	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	
support.apple.com/en-us/HT214119	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	Release Notes, Vendor Advisory
support.apple.com/en-us/HT214120	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	Release Notes, Vendor Advisory
seclists.org/fulldisclosure/2024/Jul/20	af854a3a-2127-422b-91ae-364da2661108	seclists.org	Mailing List, Third Party Advisory
seclists.org/fulldisclosure/2024/Jul/18	af854a3a-2127-422b-91ae-364da2661108	seclists.org	Mailing List, Third Party Advisory
support.apple.com/kb/HT214119	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	
support.apple.com/en-us/HT214118	af854a3a-2127-422b-91ae-364da2661108	support.apple.com	Release Notes, Vendor Advisory
support.apple.com/en-us/120911	product-security@apple.com	support.apple.com	

seclists.org/fulldisclosure/2024/Jul/19	af854a3a-2127-422b-91ae-364da2661108	seclists.org	Mailing List, Third Party Advisory
support.apple.com/en-us/120908	product-security@apple.com	support.apple.com	
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.

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