



Apple iOS and iPadOS Out-of-Bounds Write Vulnerability

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

Summary

CVE	CVE-2022-42827
State	PUBLIC
Assigner	product-security@apple.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-01 20:15:00 UTC
Updated	2022-11-03 13:33:00 UTC
Description	An out-of-bounds write issue was addressed with improved bounds checking. This issue is fixed in iOS 15.7.1 and iPadOS

Risk And Classification

EPSS: 0.001660000 probability, percentile 0.376550000 (date 2026-04-22)

CISA KEV: Listed on 2022-10-25; due 2022-11-15; ransomware use Unknown

Problem Types: CWE-787

CISA Known Exploited Vulnerability

Vendor	Apple
Product	iOS and iPadOS
Name	Apple iOS and iPadOS Out-of-Bounds Write Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://support.apple.com/en-us/HT213489 ; https://nvd.nist.gov/vuln/detail/CVE-2022-42827

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Iphone Os	16.0	All	All	All
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All

References

Reference	Source	Link	Tags
About the security content of iOS 15.7.1 and iPadOS 15.7.1 - Apple Support	MISC	support.apple.com	
About the security content of iOS 16.1 and iPadOS 16 - Apple Support	MISC	support.apple.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[610440](#) Apple iOS 15.7.1 and iPadOS 15.7.1 Security Update Missing

[610441](#) Apple iOS 16.1 and iPadOS 16 Security Update Missing

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