



Apple Multiple Products Improper Certificate Validation Vulnerability

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

Summary

CVE	CVE-2023-41991
State	PUBLIC
Assigner	product-security@apple.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-21 19:15:00 UTC
Updated	2023-11-07 04:21:00 UTC

Description A certificate validation issue was addressed. This issue is fixed in macOS Ventura 13.6, iOS 16.7 and iPadOS 16.7. A malicious actor could exploit this vulnerability to perform a man-in-the-middle attack on the network. This vulnerability is not currently being exploited.

Risk And Classification

EPSS: 0.032170000 probability, percentile 0.869890000 (date 2026-04-01)

CISA KEV: Listed on 2023-09-25; due 2023-10-16; ransomware use Unknown

Problem Types: CWE-295

CISA Known Exploited Vulnerability

Vendor	Apple
Product	Multiple Products
Name	Apple Multiple Products Improper Certificate Validation Vulnerability
Required Action	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
Notes	https://support.apple.com/en-us/HT213926 , https://support.apple.com/en-us/HT213927 , https://support.apple.com/en-us/HT213928 , https://support.apple.com/en-us/HT213929 , https://support.apple.com/en-us/HT213931 ; https://nvd.nist.gov/vuln/detail/CVE-2023-41991

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	Ipados	17.0	All	All	All
Operating System	Apple	Ipad Os	All	All	All	All
Operating System	Apple	Ipad Os	17.0	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Iphone Os	17.0	All	All	All

Operating System	Apple	iPhone OS	17.0	All	All	All
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
Operating System	Apple	Watchos	10.0.0	All	All	All

References

Reference	Source	Link
About the security content of watchOS 9.6.3 - Apple Support	MISC	suppc
About the security content of iOS 16.7 and iPadOS 16.7 - Apple Support	MISC	suppc
seclists.org/fulldisclosure/2023/Sep/14	MISC	seclis
About the security content of iOS 17.0.1 and iPadOS 17.0.1 - Apple Support	MISC	suppc
support.apple.com/kb/HT213926	MISC	suppc
About the security content of watchOS 10.0.1 - Apple Support	MISC	suppc
Full Disclosure: APPLE-SA-2023-09-21-5 watchOS 9.6.3	MISC	seclis
Full Disclosure: APPLE-SA-09-26-2023-3 Additional information for APPLE-SA-2023-09-21-3 iOS 16.7 and iPadOS 16.7		seclis
Full Disclosure: APPLE-SA-09-26-2023-4 Additional information for APPLE-SA-2023-09-21-6 macOS Ventura 13.6	MISC	seclis
About the security content of macOS Ventura 13.6 - Apple Support	MISC	suppc
Full Disclosure: APPLE-SA-2023-09-21-6 macOS Ventura 13.6	MISC	seclis
Full Disclosure: APPLE-SA-2023-09-21-3 iOS 16.7 and iPadOS 16.7	MISC	seclis
Full Disclosure: APPLE-SA-2023-09-21-4 watchOS 10.0.1	MISC	seclis
CVE Program record	CVE.ORG	www.
NVD vulnerability detail	NVD	nvd.n
CISA Known Exploited Vulnerabilities catalog	CISA	www.

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 378874 Apple macOS Ventura 13.6 Not Installed (HT213931)
- 610509 Apple iOS 17.0.1 and iPadOS 17.0.1 Security Update Missing
- 610510 Apple iOS 16.7 and iPadOS 16.7 Security Update Missing

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