



CVE-2020-27899

Published on: 04/02/2021 12:00:00 AM UTC

Last Modified on: 01/09/2023 04:41:00 PM UTC

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Ipados](#) from [Apple](#) contain the following vulnerability:

A use after free issue was addressed with improved memory management. This issue is fixed in iOS 14.2 and iPadOS 14.2, macOS Big Sur 11.0.1, watchOS 7.1, tvOS 14.2. A local attacker may be able to elevate their privileges.

CVE-2020-27899 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **watchOS** version < 7.1

Affected Vendor/Software: **Apple** - **iOS and iPadOS** version < 14.2

Affected Vendor/Software: **Apple** - **tvOS** version < 14.2

Affected Vendor/Software: **Apple** - **macOS** version < 11.0

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
About the security content of watchOS 7.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211928
About the security content of iOS 14.2 and iPadOS 14.2 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211929
About the security content of macOS Big Sur 11.0.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211931
About the security content of tvOS 14.2 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211930

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Ipad Os	All	All	All	All
Operating System	Apple	Iphone Os	All	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
cpe:2.3:o:apple:ipados:*.***.***.***:						
cpe:2.3:o:apple:ipad_os:*.***.***.***:						
cpe:2.3:o:apple:iphone_os:*.***.***.***:						
cpe:2.3:o:apple:macos:*.***.***.***:						
cpe:2.3:o:apple:tvos:*.***.***.***:						
cpe:2.3:o:apple:watchos:*.***.***.***:						

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-27899 : A use after free issue was addressed with improved memory management. This issue is fixed in iOS 1... twitter.com/i/web/status/1...	2021-04-02 18:13:20
 @threatmeter	Apple iOS/iPadOS up to 14.1 use after free [CVE-2020-27899] A vulnerability, which was classified as critical, was... twitter.com/i/web/status/1...	2021-04-03 07:54:25
 @threatmeter	Apple macOS up to 11.0.0 use after free [CVE-2020-27899] A vulnerability has been found in Apple macOS up to 11.0.0... twitter.com/i/web/status/1...	2021-04-03 07:54:26
 @threatmeter	Apple watchOS up to 7.0.3 use after free [CVE-2020-27899] A vulnerability was found in Apple watchOS up to 7.0.3 an... twitter.com/i/web/status/1...	2021-04-03 07:54:27
 @threatmeter	Apple tvOS up to 14.0.2 use after free [CVE-2020-27899] A vulnerability was found in Apple tvOS up to 14.0.2. It ha... twitter.com/i/web/status/1...	2021-04-03 07:54:29
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