CVE-2020-27920

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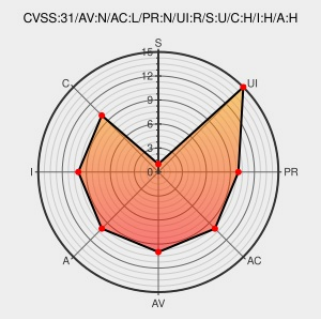
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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 macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave, macOS Big Sur 11.0.1, iOS 14.2 and iPadOS 14.2, watchOS 7.1, tvOS 14.2. Processing maliciously crafted web content may lead to code execution.

CVE-2020-27920 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**

Affected Vendor/Software: **Apple** - **macOS** version **< 11.1**

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	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
About the security content of macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave - Apple Support	support.apple.com text/html	MISC support.apple.com/en-us/HT212011

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	Mac Os X	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:mac_os_x:*:*:*:*:*:*:*:*:

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-2020-27920 : A use after free issue was addressed with improved memory management. This issue is fixed in macOS… twitter.com/i/web/status/1…	2021-04-02 18:15:01

← Previous ID

Next ID→