



CVE-2020-27920

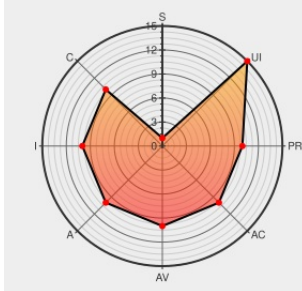
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CVE-2020-27920

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

CVSS:31/AV:N/AC:L/PR:N/UI:R/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 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
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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	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→