

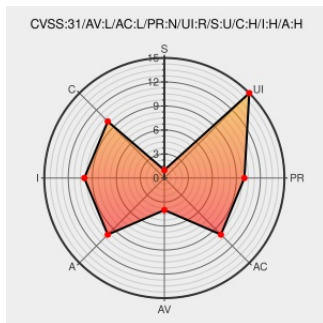


CVE-2020-9954

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CVE-2020-9954

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

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

A buffer overflow issue was addressed with improved memory handling. This issue is fixed in watchOS 7.0, tvOS 14.0, macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave, iOS 14.0 and iPadOS 14.0. Playing a malicious audio file may lead to arbitrary code execution.

CVE-2020-9954 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - tvOS version < 14.0

Affected Vendor/Software: **Apple** - watchOS version < 7.0

Affected Vendor/Software: **Apple** - macOS version < 10.15

Affected Vendor/Software: **Apple** - macOS version < 14.0

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	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 iOS 14.0 and iPadOS 14.0 - Apple Support	Release Notes Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211850
About the security content of watchOS 7.0 - Apple Support	Release Notes Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211844
About the security content of tvOS 14.0 - Apple Support	Release Notes Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211843
About the security content of macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave - Apple Support	Release Notes Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211849

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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	Ipados	All	All	All	All
Operating System	Apple	Iphone 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	Mac Os X	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All

Operating System	Apple	Watchos	All	All	All
cpe:2.3:o:apple:ipados:*:*:*:*:*.*:					
cpe:2.3:o:apple:ipados:*:*:*:*:*.*:					
cpe:2.3:o:apple:iphone_os:*:*:*:*:*.*:					
cpe:2.3:o:apple:iphone_os:*:*:*:*:*.*:					
cpe:2.3:o:apple:mac_os_x:*:*:*:*:*.*:					
cpe:2.3:o:apple:mac_os_x:*:*:*:*:*.*:					
cpe:2.3:o:apple:tivos:*:*:*:*:*.*:					
cpe:2.3:o:apple:tivos:*:*:*:*:*.*:					
cpe:2.3:o:apple:watchos:*:*:*:*:*.*:					
cpe:2.3:o:apple:watchos:*:*:*:*:*.*:					