



CVE-2020-27910

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

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

An out-of-bounds read was addressed with improved input validation. This issue is fixed in macOS Big Sur 11.0.1, iOS 14.2 and iPadOS 14.2, tvOS 14.2, watchOS 7.1. Processing a maliciously crafted audio file may lead to arbitrary code execution.

CVE-2020-27910 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	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
About the security content of macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/kb/HT212011
About the security content of watchOS 7.1 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211928
Full Disclosure: APPLE-SA-2020-12-14-3 macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave	Mailing List Third Party Advisory seclists.org text/html	 FULLDISC 20201215 APPLE-SA-2020-12-14-3 macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave
About the security content of iOS 14.2 and iPadOS 14.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211929
Full Disclosure: APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1	Mailing List Third Party Advisory seclists.org text/html	 FULLDISC 20201215 APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1
About the security content of macOS Big Sur 11.0.1 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211931
About the security content of tvOS 14.2 - Apple Support	Vendor Advisory 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	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	Macos	All	All	All	All
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All

[illegible]

No vendor comments have been submitted for this CVE

[← Previous ID](#)

Next ID→

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