



CVE-2020-27932

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

Certain versions of **lcloud** from **Apple** contain the following vulnerability:

A type confusion issue was addressed with improved state handling. This issue is fixed in macOS Big Sur 11.0.1, watchOS 7.1, iOS 12.4.9, watchOS 6.2.9, Security Update 2020-006 High Sierra, Security Update 2020-006 Mojave, iOS 14.2 and iPadOS 14.2, watchOS 5.3.9, macOS Catalina 10.15.7 Supplemental Update, macOS Catalina

10.15.7 Update. A malicious application may be able to execute arbitrary code with kernel privileges.

CVE-2020-27932 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

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 watchOS 7.1 - Apple Support	Vulnerability	MISC support.apple.com/en-us/HT211029

About the security content of watchOS 7.1 - Apple Support	Vendor Advisory 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	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
XNU Kernel Turnstiles Type Confusion ~ Packet Storm	Third Party Advisory VDB Entry packetstormsecurity.com text/html	 MISC packetstormsecurity.com/files/161295/XNU-Kernel-Turnstiles-Type-Confusion.html
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 watchOS 5.3.9 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211945
About the security content of watchOS 6.2.9 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211944
About the security content of Security Update 2020-006 High Sierra, Security Update 2020-006 Mojave - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211946
About the security content of macOS Catalina 10.15.7 Supplemental Update, macOS Catalina 10.15.7 Update - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211947
About the security content of iOS 12.4.9 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT211940

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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
Application	Apple	Icloud	All	All	All	All
Application	Apple	Icloud	All	All	All	All
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

System						
Operating System	Apple	Iphone Os	All	All	All	All
Application	Apple	Itunes	All	All	All	All
Application	Apple	Itunes	All	All	All	All
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Macos	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	Watchos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
cpe:2.3:a:apple:icloud:*:*:*:*:*:windows:*:*:						
cpe:2.3:a:apple:icloud:*:*:*:*:*:windows:*:*:						
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:a:apple:itunes:*:*:*:*:*:windows:*:*:						
cpe:2.3:a:apple:itunes:*:*:*:*:*:windows:*:*:						
cpe:2.3:o:apple:macos:*:*:*:*:*:*:						
cpe:2.3:o:apple:macos:*:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:*:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:*:*:*:*:*:*:						
cpe:2.3:o:apple:watchos:*:*:*:*:*:*:						
cpe:2.3:o:apple:watchos:*:*:*:*:*:*:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title				Posted (UTC)	

 @zhuowei	@peachysweet207 own writeup (googleprojectzero.github.io/0days-in-the-w...) see my proof-of-concept - which used two threads, and where I... twitter.com/i/web/status/1...	2022-04-25 02:42:22
 @zhuowei	This bug was discovered by Project Zero, so I knew they would release their writeup (googleprojectzero.github.io/0days-in-the-w...) I wan... twitter.com/i/web/status/1...	2022-04-25 02:55:40

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