

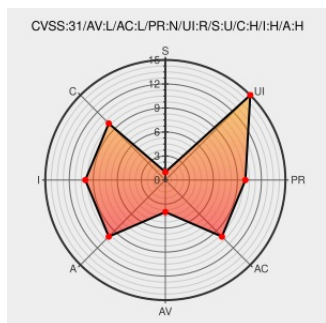


CVE-2020-9883

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CVE-2020-9883

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

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

A buffer overflow issue was addressed with improved memory handling. This issue is fixed in iOS 13.6 and iPadOS 13.6, macOS Catalina 10.15.6, tvOS 13.4.8, watchOS 6.2.8, iTunes 12.10.8 for Windows, iCloud for Windows 11.3, iCloud for Windows 7.20.

Processing a maliciously crafted image may lead to arbitrary code execution.

CVE-2020-9883 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: **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 iCloud for Windows 11.3 - Apple Support	Vendor Advisory support.apple.com	MISC support.apple.com/kb/HT211294

	text/html	
tvOS 13.4.8'in güvenlik içeriği hakkında - Apple Destek	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/kb/HT211290
About the security content of iTunes 12.10.8 for Windows - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/kb/HT211293
Full Disclosure: APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1	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
ZDI-20-1389 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-1389/
About the security content of macOS Big Sur 11.0.1 - Apple Support	support.apple.com text/html	 CONFIRM support.apple.com/kb/HT211931
About the security content of iOS 13.6 and iPadOS 13.6 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/kb/HT211288
About the security content of watchOS 6.2.8 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/kb/HT211291
About the security content of iCloud for Windows 7.20 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/kb/HT211295
About the security content of macOS Catalina 10.15.6, Security Update 2020-004 Mojave, Security Update 2020-004 High Sierra - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/kb/HT211289
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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	Ipad Os	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	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	11.0.1	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Mac Os X	10.13.6	-	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-007	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-003	All	All
Operating System	Apple	Mac Os X	10.14.6	-	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-005	All	All

Operating System	Apple	Mac Os X	10.14.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-007	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-003	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	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:ipad_os:*:*:*:*:*:*:						
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:						
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:11.0.1:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:*:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:-:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2018-002:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2018-003:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-001:*:*:*:*:*:						

cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-002:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-003:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-004:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-005:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-006:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-007:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-001:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-002:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-003:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:-:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-001:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-002:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-004:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-005:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-006:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-007:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-001:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-002:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-003:*****:
cpe:2.3:o:apple:mac_os_x:*****:
cpe:2.3:o:apple:tvos:*****:
cpe:2.3:o:apple:tvos:*****:
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)

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