



CVE-2020-9961

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

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

An out-of-bounds read was addressed with improved input validation. This issue is fixed in macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave. Processing a maliciously crafted image may lead to arbitrary code execution.

CVE-2020-9961 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

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

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 11.5 - Apple Support	support.apple.com text/html	CONFIRM support.apple.com/kb/HT211935

Full Disclosure: APPLE-SA-2020-11-13-7 Additional information for APPLE-SA-2020-09-24-1 macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave	seclists.org text/html	 FULLDISC 20201115 APPLE-SA-2020-11-13-7 Additional information for APPLE-SA-2020-09-24-1 macOS Catalina 10.15.7, Security Update 2020-005 High Sierra, Security Update 2020-005 Mojave
Full Disclosure: APPLE-SA-2020-11-13-6 Additional information for APPLE-SA-2020-09-16-4 watchOS 7.0	seclists.org text/html	 FULLDISC 20201115 APPLE-SA-2020-11-13-6 Additional information for APPLE-SA-2020-09-16-4 watchOS 7.0
About the security content of tvOS 14.0 - Apple Support	support.apple.com text/html	 CONFIRM support.apple.com/kb/HT211843
About the security content of watchOS 7.0 - Apple Support	support.apple.com text/html	 CONFIRM support.apple.com/kb/HT211844
About the security content of iOS 14.0 and iPadOS 14.0 - Apple Support	support.apple.com text/html	 CONFIRM support.apple.com/kb/HT211850
Full Disclosure: APPLE-SA-2020-11-13-4 Additional information for APPLE-SA-2020-09-16-2 tvOS 14.0	seclists.org text/html	 FULLDISC 20201115 APPLE-SA-2020-11-13-4 Additional information for APPLE-SA-2020-09-16-2 tvOS 14.0
Full Disclosure: APPLE-SA-2020-11-13-3 Additional information for APPLE-SA-2020-09-16-1 iOS 14.0 and iPadOS 14.0	seclists.org text/html	 FULLDISC 20201115 APPLE-SA-2020-11-13-3 Additional information for APPLE-SA-2020-09-16-1 iOS 14.0 and iPadOS 14.0
About the security content of iTunes 12.10.9 for Windows - Apple Support	support.apple.com text/html	 CONFIRM support.apple.com/kb/HT211952
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
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report .		

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
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
Application	Apple	Itunes	All	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	10.13.6	security_update_2020-004	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	10.14.6	security_update_2020-004	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:a:apple:icloud:*:*:*:*:windows:*:*:						
cpe:2.3:o:apple:ipados:*:*:*:*:*:						
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:						
cpe:2.3:o:apple:iphone_os:*:*:*:*:*:						
cpe:2.3:a:apple:itunes:*:*:*:*:windows:*:*:						
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:10.13.6:security_update_2020-004:*:*:*:*:						
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:10.14.6:security_update_2020-004:*****:
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

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Source	Title	Posted (UTC)
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