

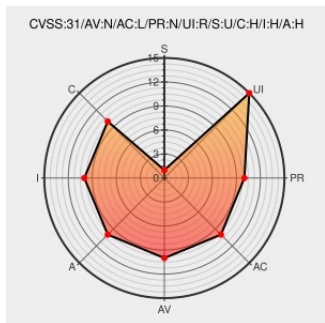


CVE-2019-8556

Published on: 12/18/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:55 PM UTC

CVE-2019-8556

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

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

A use after free issue was addressed with improved memory management. This issue is fixed in iOS 12.2, tvOS 12.2, Safari 12.1, iTunes 12.9.4 for Windows, iCloud for Windows 7.11. Processing maliciously crafted web content may lead to arbitrary code execution.

CVE-2019-8556 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **iOS** version < **iOS 12.2**

Affected Vendor/Software: **Apple** - **tvOS** version < **tvOS 12.2**

Affected Vendor/Software: **Apple** - **Safari** version < **Safari 12.1**

Affected Vendor/Software: **Apple** - **iTunes for Windows** version < **iTunes 12.9.4 for Windows**

Affected Vendor/Software: **Apple** - **iCloud for Windows** version < **iCloud for Windows 7.11**

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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

CVE References

Description	Tags	Link
About the security content of iTunes 12.9.4 for Windows - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209604
About the security content of tvOS 12.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209601
About the security content of iOS 12.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209599
About the security content of Safari 12.1 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209603
About the security content of iCloud for Windows 7.11 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209605

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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	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
Application	Apple	Safari	All	All	All	All
Application	Apple	Safari	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All

cpe:2.3:a:apple:icloud:*:*:*:*:windows:*:*:

cpe:2.3:a:apple:icloud:*.***.*:windows:*.*.:
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:a:apple:safari:*.***.*:*.***.*:*.***.*:
cpe:2.3:a:apple:safari:*.***.*:*.***.*:*.***.*:
cpe:2.3:o:apple:tvos:*.***.*:*.***.*:*.***.*:
cpe:2.3:o:apple:tvos:*.***.*:*.***.*:*.***.*:

No vendor comments have been submitted for this CVE

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