

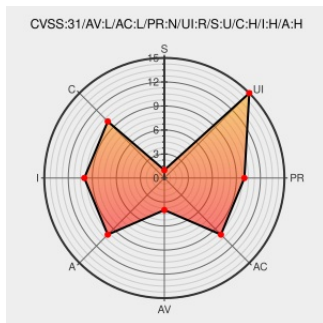


CVE-2019-8542

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CVE-2019-8542

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

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

A buffer overflow was addressed with improved bounds checking. This issue is fixed in iOS 12.2, macOS Mojave 10.14.4, tvOS 12.2, watchOS 5.2, iTunes 12.9.4 for Windows, iCloud for Windows 7.11. A malicious application may be able to elevate privileges.

CVE-2019-8542 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 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	MISC

	support.apple.com text/html	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 watchOS 5.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209602
About the security content of macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209600
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
Operating System	Apple	Mac Os X	All	All	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: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:mac_os_x:*.~::~~::~
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

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