



CVE-2019-8638

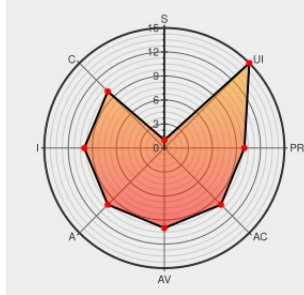
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CVE-2019-8638

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

CVSS:31/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



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

Multiple memory corruption issues were addressed with improved memory handling. This issue is fixed in watchOS 5.2, iCloud for Windows 7.11, iOS 12.2, iTunes 12.9.4 for Windows, Safari 12.1. Processing maliciously crafted web content may lead to arbitrary code execution.

CVE-2019-8638 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

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

Affected Vendor/Software: **Apple** - **watchOS** version < 5.2

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

Affected Vendor/Software: **Apple** - **iTunes for Windows** version < 12.9

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

impact		impact		impact		
PARTIAL		PARTIAL		PARTIAL		
CVE References						
Description		Tags		Link		
About the security content of iOS 12.2 - Apple Support		Vendor Advisory support.apple.com text/html		 MISC support.apple.com/en-us/HT209599		
About the security content of watchOS 5.2 - Apple Support		Vendor Advisory support.apple.com text/html		 MISC support.apple.com/en-us/HT209602		
About the security content of iCloud for Windows 7.11 - Apple Support		Vendor Advisory support.apple.com text/html		 MISC support.apple.com/en-us/HT209605		
About the security content of iTunes 12.9.4 for Windows - Apple Support		Vendor Advisory support.apple.com text/html		 MISC support.apple.com/en-us/HT209604		
About the security content of Safari 12.1 - Apple Support		Vendor Advisory support.apple.com text/html		 MISC support.apple.com/en-us/HT209603		
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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	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:a:apple:safari:*.~::~:~::~:
cpe:2.3:a:apple:safari:*.~::~:~::~:
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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