



CVE-2018-4161

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CVE-2018-4161

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

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

An issue was discovered in certain Apple products. iOS before 11.3 is affected. Safari before 11.1 is affected. iCloud before 7.4 on Windows is affected. iTunes before 12.7.4 on Windows is affected. tvOS before 11.3 is affected. watchOS before 4.3 is affected. The issue involves the "WebKit" component. It allows remote attackers to execute arbitrary code or cause a denial of service (memory corruption and application crash) via a crafted web site.

CVE-2018-4161 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

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
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
About the security content of iTunes 12.7.4 for Windows - Apple Support	View source on GitHub	CONFIRM

About the security content of iTunes 12.7.4 for windows - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT208694
About the security content of iCloud for Windows 7.4 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT208697
About the security content of iOS 11.3 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT208693
About the security content of Safari 11.1 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT208695
USN-3635-1: WebKitGTK+ vulnerabilities Ubuntu security notices	Third Party Advisory usn.ubuntu.com text/html	 UBUNTU USN-3635-1
Apple iOS Multiple Flaws Let Remote Users Execute Arbitrary Code, Deny Service, and Spoof the User Interface, Remote and Local Users Bypass Security Restrictions and Obtain Potentially Sensitive Information, and Let Applications Gain Elevated Privileges - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	 SECTrack 1040604
About the security content of watchOS 4.3 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT208696
About the security content of tvOS 11.3 - Apple Support	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/HT208698

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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
Operating System	Apple	Watchos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
cpe:2.3:a:apple:icloud:*.*.*.*.*.*.*:						
cpe:2.3:a:apple:icloud:*.*.*.*.*.*.*:						
cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*:						
cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*:						
cpe:2.3:a:apple:itunes:*.*.*.*.*.*.*:						
cpe:2.3:a:apple:itunes:*.*.*.*.*.*.*:						
cpe:2.3:a:apple:safari:*.*.*.*.*.*.*:						
cpe:2.3:a:apple:safari:*.*.*.*.*.*.*:						
cpe:2.3:o:apple:tvos:*.*.*.*.*.*.*:						
cpe:2.3:o:apple:tvos:*.*.*.*.*.*.*:						
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*:						
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*.*.*:lts:*.*.*:						
cpe:2.3:o:canonical:ubuntu_linux:17.10:*.*.*.*.*.*.*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*.*.*:lts:*.*.*:						
cpe:2.3:o:canonical:ubuntu_linux:17.10:*.*.*.*.*.*.*:						
cpe:2.3:o:microsoft:windows:-:*.*.*.*.*.*.*:						

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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