CVE-2018-4398

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CVE-2018-4398

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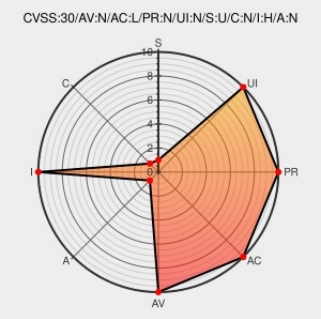

Certain versions of Icloud from Apple contain the following vulnerability:

An issue existed in the method for determining prime numbers. This issue was addressed by using pseudorandom bases for testing of primes. This issue affected versions prior to iOS 12.1, macOS Mojave 10.14.1, tvOS 12.1, watchOS 5.1, iTunes 12.9.1, iCloud for Windows 7.8.

CVE-2018-4398 has been assigned by product-security@apple.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
About the security content of watchOS 5.1 - Apple Support	Vendor Advisory, support.apple.com, text/html	MISC support.apple.com/kb/HT209195

About the security content of iCloud for Windows 7.8 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209198
About the security content of iOS 12.1 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209192
About the security content of tvOS 12.1 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209194
About the security content of macOS Mojave 10.14.1, Security Update 2018-002 High Sierra, Security Update 2018-005 Sierra - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209193
About the security content of iTunes 12.9.1 for Windows - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209197

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
Operating	Microsoft	Windows	-	All	All	All

System

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: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:*:*:*:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

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