CVE-2018-4441

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CVE-2018-4441

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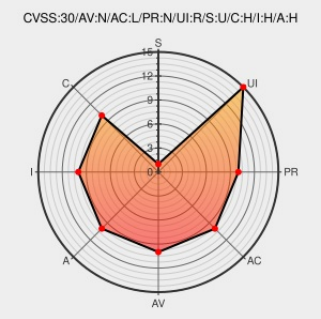

Certain versions of Icloud from Apple contain the following vulnerability:

A memory corruption issue was addressed with improved memory handling. This issue affected versions prior to iOS 12.1.1, tvOS 12.1.1, watchOS 5.1.2, Safari 12.0.2, iTunes 12.9.2 for Windows, iCloud for Windows 7.9.

CVE-2018-4441 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 watchOS 5.1.2 - Apple Support	Vendor Advisory, support.apple.com, text/html	MISC support.apple.com/kb/HT209343
About the security content of iOS 12.1.1 - Apple Support	Vendor Advisory	MISC support.apple.com/kb/HT209340

	support.apple.com text/html	
About the security content of Safari 12.0.2 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209344
About the security content of tvOS 12.1.1 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209342
About the security content of iCloud for Windows 7.9 - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209346
About the security content of iTunes 12.9.2 for Windows - Apple Support	Vendor Advisory support.apple.com text/html	MISC support.apple.com/kb/HT209345

There are currently no QIDs associated with this CVE

Exploit/POC from Github

A WebKit exploit using CVE-2018-4441 to obtain RCE on PS4 6.20.

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

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→