

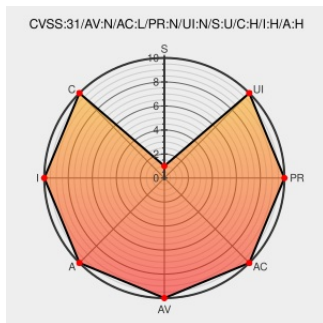


CVE-2019-8641

Published on: 12/18/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:56 PM UTC

CVE-2019-8641

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

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

An out-of-bounds read was addressed with improved input validation.

CVE-2019-8641 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Apple** - **iOS** version < **iOS 12.4.2**

Affected Vendor/Software: **Apple** - **iOS** version < **iOS 13**

Affected Vendor/Software: **Apple** - **watchOS** version < **watchOS 6**

Affected Vendor/Software: **Apple** - **macOS** version < **macOS Mojave 10.14.6 Supplemental Update 2**

Affected Vendor/Software: **Apple** - **watchOS** version < **watchOS 5.3.2**

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
About the security content of iOS 12.4.2 - Apple Support	support.apple.com text/html	 MISC support.apple.com/HT210590
About the security content of watchOS 6 - Apple Support	support.apple.com text/html	 MISC support.apple.com/HT210607
About the security content of watchOS 5.3.2 - Apple Support	support.apple.com text/html	 MISC support.apple.com/HT210588
About the security content of iOS 13 - Apple Support	support.apple.com text/html	 MISC support.apple.com/HT210606
Сведения о проблемах системы безопасности, устраняемых дополнительным обновлением macOS Mojave 10.14.6 версии 2 и обновлениями системы безопасности 2019-005 для High Sierra и Sierra - Служба поддержки Apple	support.apple.com text/html	 MISC support.apple.com/HT210589

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

The reproduction code for CVE-2019-8641.

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Iphone Os	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	Tv os	All	All	All	All
Operating System	Apple	Tv os	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All

cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:iphone_os:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:mac_os_x:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:tivos:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:tivos:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*.*.*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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