

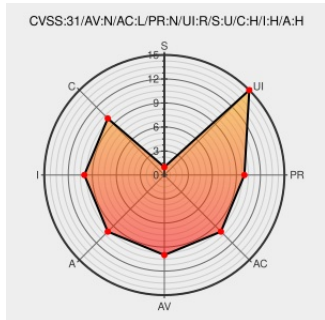


CVE-2019-8657

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CVE-2019-8657

[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. This issue is fixed in iOS 12.4, macOS Mojave 10.14.6, tvOS 12.4, watchOS 5.3. Parsing a maliciously crafted office document may lead to an unexpected application termination or arbitrary code execution.

CVE-2019-8657 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **iOS** version < **iOS 12.4**

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

Affected Vendor/Software: **Apple** - **tvOS** version < **tvOS 12.4**

Affected Vendor/Software: **Apple** - **watchOS** version < **watchOS 5.3**

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 macOS Mojave 10.14.6, Security Update 2019-004 High Sierra, Security Update 2019-004 Sierra - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210348
About the security content of watchOS 5.3 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210353
About the security content of iOS 12.4 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210346
About the security content of tvOS 12.4 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT210351

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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
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	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
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:tvos:*.*.*.*.*.*.*.*
cpe:2.3:o:apple:tvos:*.*.*.*.*.*.*.*
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*

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:apple:tvos:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:tvos:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*.*.*
cpe:2.3:o:apple:watchos:*.*.*.*.*.*.*.*.*.*

cpe:2.3:o:apple:tvos:*.*.*.*.*.*.*.*
cpe:2.3:o:apple:tvos:*.*.*.*.*.*.*.*
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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