

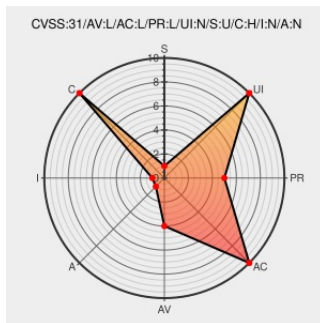


CVE-2019-6207

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CVE-2019-6207

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

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

An out-of-bounds read issue existed that led to the disclosure of kernel memory. This was addressed with improved input validation. This issue is fixed in iOS 12.2, macOS Mojave 10.14.4, tvOS 12.2, watchOS 5.2. A malicious application may be able to determine kernel memory layout.

CVE-2019-6207 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Apple** - **iOS** version < **iOS 12.2**

Affected Vendor/Software: **Apple** - **macOS** version < **macOS Mojave 10.14.4**

Affected Vendor/Software: **Apple** - **tvOS** version < **tvOS 12.2**

Affected Vendor/Software: **Apple** - **watchOS** version < **watchOS 5.2**

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
About the security content of tvOS 12.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209601
About the security content of iOS 12.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209599
About the security content of watchOS 5.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209602
About the security content of macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/HT209600

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

MacOS kernel memory leak (4 bytes)

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:*****:

No vendor comments have been submitted for this CVE

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