



CVE-2019-8547

Published on: 10/27/2020 12:00:00 AM UTC

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

CVE-2019-8547

[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 macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra, watchOS 5.2, macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra, iOS 12.2. A remote attacker may be able to leak memory.

CVE-2019-8547 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **CRITICAL** severity.

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

Affected Vendor/Software: **Apple** - **macOS** version < **10.14**

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

Affected Vendor/Software: **Apple** - **macOS** version < **10.14**

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 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/en-us/HT209600
About the security content of iOS 12.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT209599
About the security content of watchOS 5.2 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT209602
About the security content of macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT210119

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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	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:watchos:*:*:*:*:*:*:
```

cpe:2.3:o:apple:watchos:*****:

No vendor comments have been submitted for this CVE

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