



CVE-2019-8538

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CVE-2019-8538

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

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

A denial of service issue was addressed with improved validation. This issue is fixed in watchOS 5.2, macOS Mojave 10.14.4, Security Update 2019-002 High Sierra, Security Update 2019-002 Sierra, iOS 12.2. Processing a maliciously crafted vcf file may lead to a denial of service.

CVE-2019-8538 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **MEDIUM** 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

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

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

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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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