

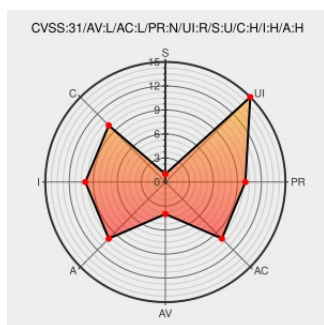


CVE-2019-8709

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CVE-2019-8709

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

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

A memory corruption issue was addressed with improved state management. This issue is fixed in macOS Catalina 10.15, tvOS 13, macOS Catalina 10.15.1, Security Update 2019-001, and Security Update 2019-006, watchOS 6, iOS 13. An application may be able to execute arbitrary code with kernel privileges.

CVE-2019-8709 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

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

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

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

Affected Vendor/Software: **Apple** - macOS version < 10.15

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CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

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

impact	impact	impact
COMPLETE	COMPLETE	COMPLETE

impact	impact	impact
COMPLETE	COMPLETE	COMPLETE

impact	impact
COMPLETE	COMPLETE

impact	impact
COMPLETE	COMPLETE

COMPLETE

COMPLETE

CVE References

Description	Tags	Link
About the security content of macOS Catalina 10.15 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT210634
About the security content of iOS 13 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT210606
About the security content of watchOS 6 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT210607
About the security content of macOS Catalina 10.15.1, Security Update 2019-001, and Security Update 2019-006 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT210722
About the security content of tvOS 13 - Apple Support	Vendor Advisory support.apple.com text/html	 MISC support.apple.com/en-us/HT210604

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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

```
ana-2 3:a:apple:inhono aa:*,*,*,*,*,*,*,*
```

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

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