



# CVE-2019-8829

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## CVE-2019-8829

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

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

A memory corruption vulnerability was addressed with improved locking. This issue is fixed in macOS Catalina 10.15.1, Security Update 2019-001, and Security Update 2019-006, watchOS 6.1, tvOS 13.2, iOS 13.2 and iPadOS 13.2. An application may be able to execute arbitrary code with kernel privileges.

CVE-2019-8829 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **iOS and iPadOS** version < 13.2

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

Affected Vendor/Software: **Apple** - **macOS** version < 13.2

Affected Vendor/Software: **Apple** - **macOS** version < 6.1

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **9.3 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tags                                                                                                                               | Link                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| About the security content of iOS 13.2 and iPadOS 13.2 - Apple Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Release Notes</a><br><a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC</a><br><a href="#">support.apple.com/en-us/HT210721</a> |
| About the security content of tvOS 13.2 - Apple Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Release Notes</a><br><a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC</a><br><a href="#">support.apple.com/en-us/HT210723</a> |
| About the security content of watchOS 6.1 - Apple Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Release Notes</a><br><a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC</a><br><a href="#">support.apple.com/en-us/HT210724</a> |
| About the security content of macOS Catalina 10.15.1, Security Update 2019-001, and Security Update 2019-006 - Apple Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Release Notes</a><br><a href="#">Vendor Advisory</a><br><a href="#">support.apple.com</a><br><a href="#">text/html</a> |  <a href="#">MISC</a><br><a href="#">support.apple.com/en-us/HT210722</a> |
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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 | <a href="#">Apple</a> | <a href="#">Ipados</a>    | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Ipados</a>    | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Iphone Os</a> | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Mac Os X</a>  | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Mac Os X</a>  | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Tvos</a>      | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Tvos</a>      | All     | All    | All     | All      |
| Operating System | <a href="#">Apple</a> | <a href="#">Watchos</a>   | All     | All    | All     | All      |

|                                        |       |         |     |     |     |
|----------------------------------------|-------|---------|-----|-----|-----|
| Operating System                       | Apple | Watchos | All | All | All |
| cpe:2.3:o:apple:ipados:*:*:*:*:*.*:    |       |         |     |     |     |
| cpe:2.3:o:apple:ipados:*:*:*:*:*.*:    |       |         |     |     |     |
| 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:*:*:*:*:*.*:   |       |         |     |     |     |