

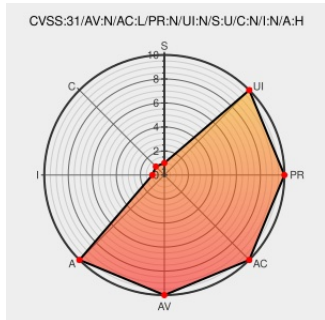


CVE-2020-9844

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CVE-2020-9844

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

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

A double free issue was addressed with improved memory management. This issue is fixed in iOS 13.5 and iPadOS 13.5, macOS Catalina 10.15.5. A remote attacker may be able to cause unexpected system termination or corrupt kernel memory.

CVE-2020-9844 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - iOS version < iOS 13.5 and iPadOS 13.5

Affected Vendor/Software: **Apple** - macOS version < macOS Catalina 10.15.5

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **7.8 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Apple: Double free issue in iOS 13.5 and iPadOS 13.5	Apple, iOS, iPadOS, Double free, Memory management	Apple Security Advisory

About the security content of macOS Catalina 10.15.5, Security Update 2020-003 Mojave, Security Update 2020-003 High Sierra - Apple Support

Vendor Advisory

support.apple.com

text/html

 MISC

support.apple.com/HT211170

About the security content of iOS 13.5 and iPadOS 13.5 - Apple Support

Vendor Advisory

support.apple.com

text/html

 MISC

support.apple.com/HT211168

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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	Ipados	All	All	All	All
Operating System	Apple	Ipad Os	All	All	All	All
Operating System	Apple	Ipad Os	All	All	All	All
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	10.13.6	-	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2018-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-003	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2019-007	All	All

System						
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	10.14.6	-	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-002	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-004	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-005	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-006	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2019-007	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-002	All	All
Operating System	Apple	Mac Os X	All	All	All	All
cpe:2.3:o:apple:ipados:*:*:*:*:*:*:						
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:						
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:						
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:10.13.6:-:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2018-002:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2018-003:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-001:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-002:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-003:*:*:*:*:*:						
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-004:*:*:*:*:*:						

cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-005:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-006:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2019-007:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-001:*****:
cpe:2.3:o:apple:mac_os_x:10.13.6:security_update_2020-002:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:-:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-001:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-002:*****:
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cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-005:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-006:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2019-007:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-001:*****:
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-002:*****:
cpe:2.3:o:apple:mac_os_x:*****:

No vendor comments have been submitted for this CVE

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