



CVE-2020-27938

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

CVSS:31/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



Certain versions of **Mac Os X** from **Apple** contain the following vulnerability:

A logic issue was addressed with improved state management. This issue is fixed in macOS Big Sur 11.2, Security Update 2021-001 Catalina, Security Update 2021-001 Mojave, macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave. A malicious application may be able to elevate privileges.

CVE-2020-27938 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - macOS version < 11.1

Affected Vendor/Software: **Apple** - macOS version < 11.2

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: **6.8 - MEDIUM**

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

CVE References

Description	Taas	Link
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About the security content of macOS Big Sur 11.2, Security Update 2021-001 Catalina, Security Update 2021-001 Mojave - Apple Support

support.apple.com
text/html

🍏 MISC
support.apple.com/en-us/HT212147

About the security content of macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave - Apple Support

support.apple.com
text/html

🍏 MISC
support.apple.com/en-us/HT212011

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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	Mac Os X	All	All	All	All

cpe:2.3:o:apple:mac_os_x.*.*.*.*.*.*.*.*.*.*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
🐦 @CVEreport	CVE-2020-27938 : A logic issue was addressed with improved state management. This issue is fixed in macOS Big Sur 1... twitter.com/i/web/status/1...	2021-04-02 18:15:58

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