



CVE-2020-3854

Published on: 02/27/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

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

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

A memory corruption issue was addressed with improved memory handling. This issue is fixed in macOS Catalina 10.15.3. An application may be able to execute arbitrary code with system privileges.

CVE-2020-3854 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **macOS** version < **macOS Catalina 10.15.3**

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
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
About the security content of macOS Catalina 10.15.3, Security Update 2020-001 Mojave, Security Update 2020-001 High Sierra - Apple Support	Release Notes Vendor Advisory support.apple.com	MISC support.apple.com/HT210919

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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
Operating System	Apple	Mac Os X	All	All	All	All
cpe:2.3:o:apple:mac_os_x.*.*.*.*.*.*.*.*.*.*						
cpe:2.3:o:apple:mac_os_x.*.*.*.*.*.*.*.*.*.*						

No vendor comments have been submitted for this CVE

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