CVE-2020-3886

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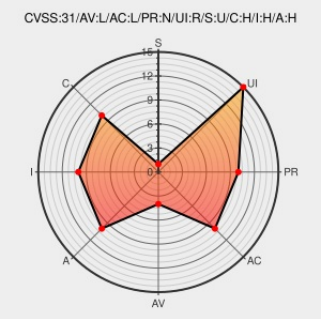
CVE-2020-3886

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

A use after free issue was addressed with improved memory management. This issue is fixed in macOS Catalina 10.15.4, Security Update 2020-002 Mojave, Security Update 2020-002 High Sierra. A malicious application may be able to execute arbitrary code with kernel privileges.

CVE-2020-3886 has been assigned by product-security@apple.com to track the vulnerability - currently rated as HIGH severity.

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

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 10.15.4, Security Update 2020-002 Mojave,	support.apple.com	MISC

Security Update 2020-002 High Sierra - Apple Support text/html support.apple.com/en-us/HT211100

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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	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
Operating System	Apple	Mac Os X	10.13.6	security_update_2020-001	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_2020-001	All	All

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:10.14.6:-:*:*:*:*:*:*:

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:*:*:*:*:*:*:

cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-001:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-3886 : A use after free issue was addressed with improved memory management. This issue is fixed in macOS… twitter.com/i/web/status/1…	2021-12-23 20:06:08
/r/netcve	CVE-2020-3886	2021-12-23 20:38:28

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