

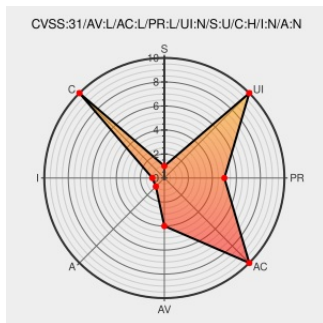


CVE-2020-10007

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CVE-2020-10007

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

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 11.0.1. A malicious application may be able to determine kernel memory layout.

CVE-2020-10007 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Apple** - **macOS** version < 11.0

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
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	CONFIRM support.apple.com/kb/HT212011

Full Disclosure: APPLE-SA-2020-12-14-3 macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave

[seclists.org](#)
[text/html](#)

 [FULLDISC 20201215 APPLE-SA-2020-12-14-3 macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave](#)

Full Disclosure: APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1

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 [FULLDISC 20201215 APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1](#)

About the security content of macOS Big Sur 11.0.1 - Apple Support

[Vendor Advisory](#)
[support.apple.com](#)
[text/html](#)

 [MISC support.apple.com/en-us/HT211931](#)

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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	10.14.6	-	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	10.14.6	security_update_2020-003	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-004	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-005	All	All
Operating System	Apple	Mac Os X	10.14.6	security_update_2020-006	All	All

System						
Operating System	Apple	Mac Os X	10.15.7	-	All	All
Operating System	Apple	Mac Os X	10.15.7	security_update_2020	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: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_2019-004:*****:.*:						
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:10.14.6:security_update_2020-003:*****:.*:						
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-004:*****:.*:						
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-005:*****:.*:						
cpe:2.3:o:apple:mac_os_x:10.14.6:security_update_2020-006:*****:.*:						
cpe:2.3:o:apple:mac_os_x:10.15.7:-:*****:.*:						
cpe:2.3:o:apple:mac_os_x:10.15.7:security_update_2020:*****:.*:						
cpe:2.3:o:apple:mac_os_x:*****:.*:.*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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