

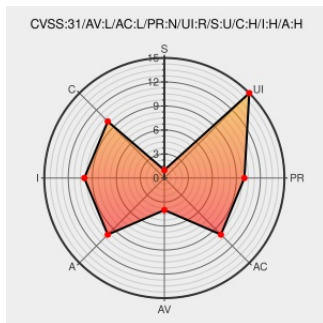


CVE-2020-9956

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CVE-2020-9956

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

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

An out-of-bounds read was addressed with improved input validation. This issue is fixed in macOS Big Sur 11.0.1, tvOS 14.0, macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave, watchOS 7.0, iOS 14.0 and iPadOS 14.0. Processing a maliciously crafted font file may lead to arbitrary code execution.

CVE-2020-9956 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - tvOS version < 14.0

Affected Vendor/Software: **Apple** - watchOS version < 7.0

Affected Vendor/Software: **Apple** - iOS and iPadOS version < 14.0

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

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

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

impact

impact

impact

PARTIAL

PARTIAL

PARTIAL

CVE References

Description	Tags	Link
About the security content of iOS 14.0 and iPadOS 14.0 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211850
About the security content of macOS Big Sur 11.0.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211931
About the security content of watchOS 7.0 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211844
About the security content of tvOS 14.0 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT211843
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	Ipados	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Macos	All	All	All	All
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_2020-001	All	All
Operating System	Apple	Mac Os X	10.14.6	security update 2020-002	All	All

System						
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
Operating System	Apple	Mac Os X	10.14.6	supplemental_update	All	All
Operating System	Apple	Mac Os X	10.14.6	supplemental_update_2	All	All
Operating System	Apple	Mac Os X	10.15.7	-	All	All
Operating System	Apple	Mac Os X	10.15.7	supplemental_update	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
cpe:2.3:o:apple:ipados:*:*:*:*:*.*.*.*						
cpe:2.3:o:apple:iphone_os:*:*:*:*:*.*.*.*						
cpe:2.3:o:apple:macos:*:*:*:*:*.*.*.*						
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_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:10.14.6:supplemental_update:*:*:*:*~*.~*.~*						
cpe:2.3:o:apple:mac_os_x:10.14.6:supplemental_update_2:*:*:*:*~*.~*.~*						

cpe:2.3:o:apple:mac_os_x:10.15.7:-:*****:
cpe:2.3:o:apple:mac_os_x:10.15.7:supplemental_update:*****:
cpe:2.3:o:apple:tvos:*****:
cpe:2.3:o:apple:watchos:*****:

```
cpe:2.3:o:apple:mac_os_x:10.15.7:supplemental_update:*****:
```

```
cpe:2.3:o:apple:tvos:.....
```

```
cpe:2.3:o:apple:watchos:*. *. *. *. *. *. *. *. *
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No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-9956 : An out-of-bounds read was addressed with improved input validation. This issue is fixed in macOS Bi... twitter.com/i/web/status/1...	2021-04-02 18:26:38
 /r/netcve	CVE-2020-9956	2021-04-02 18:30:12

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