

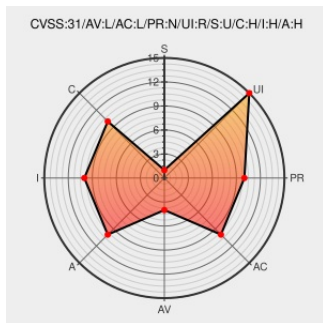


CVE-2020-27943

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CVE-2020-27943

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

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

A memory corruption issue existed in the processing of font files. This issue was addressed with improved input validation. This issue is fixed in tvOS 14.3, iOS 14.3 and iPadOS 14.3, macOS Big Sur 11.1, Security Update 2020-001 Catalina, Security Update 2020-007 Mojave, watchOS 7.2. Processing a maliciously crafted font file may lead to arbitrary code execution.

CVE-2020-27943 has been assigned by product-security@apple.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Apple** - **iOS and iPadOS** version < **14.3**

Affected Vendor/Software: **Apple** - **tvOS** version < **14.3**

Affected Vendor/Software: **Apple** - **watchOS** version < **7.2**

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

CVE References

Description	Tags	Link
About the security content of tvOS 14.3 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212005
About the security content of iOS 14.3 and iPadOS 14.3 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212003
About the security content of watchOS 7.2 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212009
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	Ipad Os	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All

```
cpe:2.3:o:apple:ipad_os:*:*:*:*:*:*:
```

```
cpe:2.3:o:apple:iphone_os:*.:.:.:.:.:.:
```

```
cpe:2.3:o:apple:macos:*:*:*:*:*:*:
```

cpe:2.3:o:apple:tvos:*.:.:.:.:.:.:.:

```
cpe:2.3:o:apple:watchos:*.:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2020-27943 : A memory corruption issue existed in the processing of font files. This issue was addressed with i... twitter.com/i/web/status/1...	2021-04-02 18:16:55

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