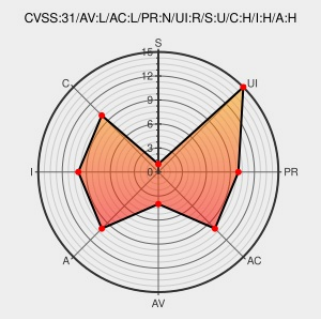
CVE-2020-9897

Published on: 10/28/2021 12:00:00 AM UTC

Last Modified on: 01/09/2023 04:41:00 PM UTC

CVE-2020-9897

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



Certain versions of Ipados from Apple contain the following vulnerability:

An out-of-bounds write was addressed with improved input validation. This issue is fixed in iOS 14.2 and iPadOS 14.2, macOS Big Sur 11.0.1. Processing a maliciously crafted PDF may lead to arbitrary code execution.

CVE-2020-9897 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 **< 14.2**

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

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**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

About the security content of iOS 14.2 and iPadOS 14.2 - Apple Support	support.apple.com text/html	MISC support.apple.com/en-us/HT211929
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

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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	Ipad Os	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Macos	All	All	All	All

cpe:2.3:o:apple:ipados:*:*:*:*:*:*:*:*:

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

cpe:2.3:o:apple:iphone_os:*:*:*:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@ZecOps	Two new CVEs today for @ZecOps in @Apple's updates CVE-2021-30902 in Voice Control and CVE-2020-9897 in CoreGraphic… twitter.com/i/web/status/1…	2021-10-26 21:12:29
@ZecOps	In the meantime, want to read more about CVE-2020-9897? Check this: blog.zecops.com/research/the-r…	2021-10-26 21:13:46
@ipssignatures	The vuln CVE-2020-9897 has a tweet created 0 days ago and retweeted 11 times. twitter.com/ZecOps/status/… #pow1rtrtwwcve	2021-10-27 04:06:00
@ipssignatures	The vuln CVE-2020-9897 has a tweet created 0 days ago and retweeted 10 times. twitter.com/ZecOps/status/… #pow1rtrtwwcve	2021-10-27 04:06:01
@CVEreport	CVE-2020-9897 : An out-of-bounds write was addressed with improved input validation. This issue is fixed in iOS 14.… twitter.com/i/web/status/1…	2021-10-28 19:05:52
@WesUncensored	New vulnerability on the NVD: CVE-2020-9897 ift.tt/2XUQyG9	2021-10-28 20:33:32

@workentin	New vulnerability on the NVD: CVE-2020-9897 ift.tt/2XUQyG9	2021-10-28 20:40:15
@xanadulinux	CVE-2020-9897 ift.tt/2XUQyG9	2021-10-28 20:52:54

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