



CVE-2021-31008

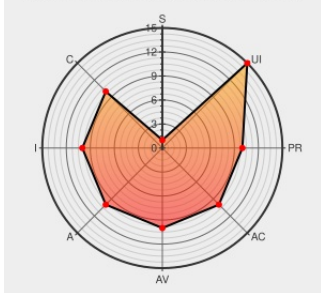
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CVE-2021-31008

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

CVSS:31/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



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

A type confusion issue was addressed with improved memory handling. This issue is fixed in Safari 15.1, tvOS 15.1, iOS 15 and iPadOS 15, macOS Monterey 12.0.1, watchOS 8.1. Processing maliciously crafted web content may lead to code execution.

CVE-2021-31008 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 < 15

Affected Vendor/Software: **Apple** - **macOS** version < 12.0

Affected Vendor/Software: **Apple** - **watchOS** version < 8.1

Affected Vendor/Software: **Apple** - **watchOS** version < 15.1

Affected Vendor/Software: **Apple** - **watchOS** version < 15.1

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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 iOS 15 and iPadOS 15 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212814
About the security content of macOS Monterey 12.0.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212869
About the security content of watchOS 8.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212874
About the security content of tvOS 15.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212876
About the security content of Safari 15.1 - Apple Support	support.apple.com text/html	 MISC support.apple.com/en-us/HT212875

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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	12.0.0	All	All	All
Application	Apple	Safari	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:ipados:*:*:*:*:*:*:
```

```
cpe:2.3:o:apple:ipad os:*.:.:.:.:.:.:.:
```

```
cpe:2.3:o:apple:iphone os:*. *. *. *. *. *. *. *. *
```

```
cpe:2.3:o:apple:macos:12.0.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:apple:safari:*:*:*:*:*:*:
```

