



# CVE-2024-44309

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#) 

## Summary

<b>CVE</b>	CVE-2024-44309
<b>State</b>	PUBLISHED
<b>Assigner</b>	apple
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-11-20 00:15:17 UTC
<b>Updated</b>	2026-04-02 19:18:39 UTC
<b>Description</b>	A cookie management issue was addressed with improved state management. This issue is fixed in Safari 18.1.1, iOS 17.7

## Risk And Classification

**Primary CVSS:** v3.1 6.1 MEDIUM from nvd@nist.gov

**CVSS:** 3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N

**EPSS:** 0.013090000 probability, percentile 0.798200000 (date 2026-04-21)

**CISA KEV:** Listed on 2024-11-21; due 2024-12-12; ransomware use Unknown

**Problem Types:** CWE-79 | Processing maliciously crafted web content may lead to a cross site scripting attack. Apple is aware of a report that this issue may have been actively exploited on Intel-based Mac systems. | CWE-79 CWE-79 Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	6.1	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N
3.1	ADP	DECLARED	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:L
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:L

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**None**

User Interaction

**Required**

Required

Scope

Changed

Confidentiality

Low

Integrity

Low

Availability

None

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N

### CISA Known Exploited Vulnerability

<b>Vendor</b>	Apple
<b>Product</b>	Multiple Products
<b>Name</b>	Apple Multiple Products Cross-Site Scripting (XSS) Vulnerability
<b>Required Action</b>	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
<b>Notes</b>	<a href="https://support.apple.com/en-us/121752">https://support.apple.com/en-us/121752</a> , <a href="https://support.apple.com/en-us/121753">https://support.apple.com/en-us/121753</a> , <a href="https://support.apple.com/en-us/121754">https://support.apple.com/en-us/121754</a> , <a href="https://support.apple.com/en-us/121755">https://support.apple.com/en-us/121755</a> , <a href="https://support.apple.com/en-us/121756">https://support.apple.com/en-us/121756</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2024-44309">https://nvd.nist.gov/vuln/detail/CVE-2024-44309</a>

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Ipados	All	All	All	All
Application	Apple	Safari	All	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apple	Safari	affected 18.1.1 custom	Not specified
CNA	Apple	IOS And IPadOS	affected 17.7.2 custom	Not specified
CNA	Apple	IOS And IPadOS	affected 18.1.1 custom	Not specified
CNA	Apple	MacOS	affected 15.1.1 custom	Not specified
CNA	Apple	VisionOS	affected 2.1.1 custom	Not specified
ADP	Apple	Safari	affected 18.1 custom	Not specified
ADP	Apple	Macos	affected 15.1 custom	Not specified
ADP	Apple	Visionos	affected 2.1 custom	Not specified
ADP	Apple	Iphone Os	affected 17.7 custom	Not specified
ADP	Apple	Iphone Os	affected 18.0 18.1 custom	Not specified
ADP	Apple	Iphone Os	affected 17.7 custom	Not specified

ADP	<a href="#">Apple</a>	<a href="#">Iphone Os</a>	affected 18.0 18.1 custom	Not specified
ADP	<a href="#">Apple</a>	<a href="#">Ipad Os</a>	affected 17.7 custom	Not specified
ADP	<a href="#">Apple</a>	<a href="#">Ipad Os</a>	affected 18.0 18.1 custom	Not specified
ADP	<a href="#">Apple</a>	<a href="#">Ipad Os</a>	affected 17.7 custom	Not specified
ADP	<a href="#">Apple</a>	<a href="#">Ipad Os</a>	affected 18.0 18.1 custom	Not specified

## References

Reference	Source	Link	Tags
<a href="https://support.apple.com/en-us/121756">support.apple.com/en-us/121756</a>	<a href="mailto:product-security@apple.com">product-security@apple.com</a>	<a href="https://support.apple.com">support.apple.com</a>	Vendor Adv
<a href="https://www.cisa.gov/known-exploited-vulnerabilities-catalog">www.cisa.gov/known-exploited-vulnerabilities-catalog</a>	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://www.cisa.gov">www.cisa.gov</a>	US Govern
<a href="https://seclists.org/fulldisclosure/2024/Nov/16">seclists.org/fulldisclosure/2024/Nov/16</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://seclists.org">seclists.org</a>	Mailing List
<a href="https://support.apple.com/en-us/121754">support.apple.com/en-us/121754</a>	<a href="mailto:product-security@apple.com">product-security@apple.com</a>	<a href="https://support.apple.com">support.apple.com</a>	Vendor Adv
<a href="https://support.apple.com/en-us/121752">support.apple.com/en-us/121752</a>	<a href="mailto:product-security@apple.com">product-security@apple.com</a>	<a href="https://support.apple.com">support.apple.com</a>	Vendor Adv
<a href="https://support.apple.com/en-us/121753">support.apple.com/en-us/121753</a>	<a href="mailto:product-security@apple.com">product-security@apple.com</a>	<a href="https://support.apple.com">support.apple.com</a>	Vendor Adv
<a href="https://lists.debian.org/debian-lts-announce/2024/12/msg00003.html">lists.debian.org/debian-lts-announce/2024/12/msg00003.html</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>	Mailing List
<a href="https://support.apple.com/en-us/121755">support.apple.com/en-us/121755</a>	<a href="mailto:product-security@apple.com">product-security@apple.com</a>	<a href="https://support.apple.com">support.apple.com</a>	Vendor Adv
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, e
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	kev

No vendor comments have been submitted for this CVE.

## Additional Advisory Data

Source	Time	Event
ADP	2024-11-21T00:00:00.000Z	CVE-2024-44309 added to CISA KEV

There are currently no legacy QID mappings associated with this CVE.

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