



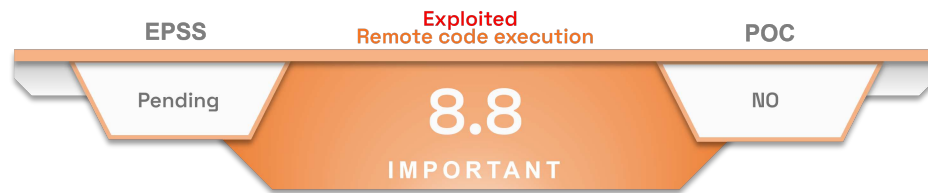
Newscast Critical vulnerability in Apple

2024-01-23 | TLP:CLEAR | CERT aDvens - CTI
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Apple - CVE-2024-23222



On 22 September 2024, Apple published a security advisory for their following products: *Safari*, *iOS*, *iPadOS*, *macOS* (*Monterey*, *Ventura* and *Sonoma*) and *tvOS*.

These security updates address the vulnerability [CVE-2024-23222](#), a type confusion issue that resides in the Webkit. By persuading its victims to visit malicious web content, an attacker can exploit this vulnerability in order to achieve remote code execution.



This vulnerability is exploited.

Type of vulnerability

- [CWE-843](#): Access of Resource Using Incompatible Type ('Type Confusion')

Risk

- Remote code execution

Severity (base score CVSS 3.1)

| | | | |
|---------------------|----------|---------------------------|-----------|
| Attack vector | Network | Scope | Unchanged |
| Attack complexity | Low | Impact on confidentiality | High |
| Privileges Required | None | Impact on integrity | High |
| User Interaction | Required | Impact on availability | High |

Impacted Products

- Safari versions prior to 17.3.
- iOS et iPadOS versions prior to 16.7.5 and 17.x prior to 17.3.
- macOS Monterey versions prior to 12.7.3.
- macOS Ventura versions prior to 13.6.4.
- macOS Sonoma versions prior to 14.3.
- tvOS versions prior to 17.3.

Recommendations

- Update Safari to version 17.3 or later.
- Update iOS et iPadOS to versions 16.7.5, 17.3 or later.
- Update macOS Monterey to version 12.7.3 or later.
- Update macOS Ventura to version 13.6.4 or later.
- Update macOS Sonoma to version 14.3 or later.
- Update tvOS to version 17.3 or later.

- Additional information is available in Apple's [security advisory](#).

Proof of concept

To date, no proof of concept is available in open source.

Sources

- <https://www.cve.org/CVERecord?id=CVE-2024-23222>
- <https://support.apple.com/en-us/HT214055>
- <https://support.apple.com/en-us/HT214056>
- <https://support.apple.com/en-us/HT214057>
- <https://support.apple.com/en-us/HT214058>
- <https://support.apple.com/en-us/HT214059>
- <https://support.apple.com/en-us/HT214061>
- <https://support.apple.com/en-us/HT214063>