



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Apple

Tracking #:432318623

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Apple has released a Background Security Improvements update to address a WebKit vulnerability affecting iPhones, iPads, and Macs.

TECHNICAL DETAILS:

Apple has released a Background Security Improvements update to address a WebKit vulnerability (CVE-2026-20643) affecting iPhones, iPads, and Macs. This flaw could allow malicious web content to bypass browser security controls.

Vulnerability Details

- **CVE ID:** CVE-2026-20643
- **Component:** WebKit
- **Severity:** High **CVSS Score:** 8.8
- This vulnerability is a cross-origin policy bypass issue in WebKit. The flaw exists in the Navigation API due to insufficient input validation, allowing specially crafted malicious web content to bypass the browser's Same Origin Policy (SOP).
- Successful exploitation could enable:
 - Unauthorized access to sensitive data across different web domains
 - Session hijacking or data exfiltration
 - Execution of unintended actions in the context of trusted sites

Affected Versions:

- iOS 26.3.1, iPadOS 26.3.1, macOS 26.3.1, and macOS 26.3.2

Fixed Versions:

- iOS 26.3.1 (a), iPadOS 26.3.1 (a), macOS 26.3.1 (a), macOS 26.3.2 (a)

RECOMMENDATIONS:

The UAE Cyber Security Council recommends installing the latest versions released by Apple.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- <https://support.apple.com/en-ae/100100>
- <https://support.apple.com/en-ae/126604>