



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Zero-Day Vulnerabilities Apple Products

Tracking #:432315678

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Apple released Security updates to address zero-day vulnerabilities in its products.

TECHNICAL DETAILS:

On March 5, 2024, Apple released emergency security updates to address two zero-day vulnerabilities affecting iPhones and iPads. These vulnerabilities may have already been exploited in the wild.

These vulnerabilities could allow attackers to bypass security measures on an affected device and potentially gain access to sensitive information.

Apple also patched a privacy flaw in the Accessibility feature that could allow apps to read sensitive location information. Additionally, they addressed a Safari Private Browsing bug that exposed users' locked tabs while switching tab groups when Locked Private Browsing is enabled.

Vulnerabilities Details:

- **CVE-2024-23225:** This vulnerability resides in the iOS **kernel** and could allow an attacker with arbitrary kernel read and write capabilities to bypass kernel memory protections.
- **CVE-2024-23296:** This vulnerability resides in **RTKit** and could also allow an attacker with arbitrary kernel read and write capabilities to bypass kernel memory protections.

Affected Products:

- Versions prior to iOS 17.4 and iPadOS 17.4
- Versions prior to iOS 16.7.6 and iPadOS 16.7.6
- Versions prior to iOS 15.8.2 and iPadOS 15.8.2

Latest Versions	Available for
iOS 17.4 and iPadOS 17.4	iPhone XS and later, iPad Pro 12.9-inch 2nd generation and later, iPad Pro 10.5-inch, iPad Pro 11-inch 1st generation and later, iPad Air 3rd generation and later, iPad 6th generation and later, and iPad mini 5th generation and later
iOS 16.7.6 and iPadOS 16.7.6	iPhone 8, iPhone 8 Plus, iPhone X, iPad 5th generation, iPad Pro 9.7-inch, and iPad Pro 12.9-inch 1st generation
iOS 15.8.2 and iPadOS 15.8.2 This update has no published CVE entries.	iPhone 6s (all models), iPhone 7 (all models), iPhone SE (1st generation), iPad Air 2, iPad mini (4th generation), and iPod touch (7th generation)

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-us/HT201222>