

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Zero-Day Vulnerabilities Apple Products

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Apple has released security updates addressing three vulnerabilities that have been actively exploited in the wild. These fixes have been backported to older device models and previous versions of the operating systems.

TECHNICAL DETAILS:

Apple has released critical security updates addressing three actively exploited vulnerabilities in older iOS, iPadOS, and macOS versions. These updates are crucial for protecting users from potential attacks that could lead to privilege escalation, unauthorized device access, and arbitrary code execution.

Zero- Day Vulnerabilities:

- CVE-2025-24085 (CVSS score: 7.3)**
 - Description:** A use-after-free bug in the Core Media component that allows privilege escalation by malicious applications already installed on the device.
 - Fixed in:** macOS Sonoma 14.7.5, macOS Ventura 13.7.5, iPadOS 17.7.6.
- CVE-2025-24200 (CVSS score: 4.6)**
 - Description:** An authorization issue in the Accessibility component enabling attackers to disable USB Restricted Mode on locked devices during cyber-physical attacks.
 - Fixed in:** iOS 15.8.4, iPadOS 15.8.4, iOS 16.7.11, iPadOS 16.7.11.
- CVE-2025-24201 (CVSS score: 8.8)**
 - Description:** An out-of-bounds write issue in WebKit allowing attackers to craft malicious web content that escapes the Web Content sandbox.
 - Fixed in:** iOS 15.8.4, iPadOS 15.8.4, iOS 16.7.11, iPadOS 16.7.11.

Affected Devices and OS Versions:

- iOS 15.8.4 and iPadOS 15.8.4**
 - iPhone 6s (all models), iPhone 7 (all models), iPhone SE (1st generation)
 - iPad Air 2, iPad mini (4th generation), iPod touch (7th generation)
- iOS 16.7.11 and iPadOS 16.7.11**
 - iPhone 8, iPhone 8 Plus, iPhone X
 - iPad 5th generation, iPad Pro 9.7-inch, iPad Pro 12.9-inch 1st generation
- iPadOS 17.7.6**
 - iPad Pro 12.9-inch 2nd generation, iPad Pro 10.5-inch, iPad 6th generation

Additional Updates:

Apple also released updates for its latest operating systems.

Software Updates Details:

Latest Versions	Available for
watchOS 11.4	Apple Watch Series 6 and later

Safari 18.4	macOS Ventura and macOS Sonoma
Xcode 16.3	macOS Sequoia 15.2 and later
iOS 18.4 and iPadOS 18.4	iPhone XS and later, iPad Pro 13-inch, iPad Pro 12.9-inch 3rd generation and later, iPad Pro 11-inch 1st generation and later, iPad Air 3rd generation and later, iPad 7th generation and later, and iPad mini 5th generation and later
iPadOS 17.7.6	iPad Pro 12.9-inch 2nd generation, iPad Pro 10.5-inch, and iPad 6th generation
iOS 16.7.11 and iPadOS 16.7.11	iPhone 8, iPhone 8 Plus, iPhone X, iPad 5th generation, iPad Pro 9.7-inch, and iPad Pro 12.9-inch 1st generation
iOS 15.8.4 and iPadOS 15.8.4	iPhone 6s (all models), iPhone 7 (all models), iPhone SE (1st generation), iPad Air 2, iPad mini (4th generation), and iPod touch (7th generation)
macOS Sequoia 15.4	macOS Sequoia
macOS Sonoma 14.7.5	macOS Sonoma
macOS Ventura 13.7.5	macOS Ventura
tvOS 18.4	Apple TV HD and Apple TV 4K (all models)
visionOS 2.4	Apple Vision Pro

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>