



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates - Apple**

Tracking #:432317255

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Apple has released security updates to address multiple vulnerabilities in its products. These updates resolve critical issues that could allow attackers to execute arbitrary code, cause applications to crash, or expose sensitive data.

## TECHNICAL DETAILS:

Apple has released urgent security updates addressing multiple critical vulnerabilities across its ecosystem, including iOS 18.5, iPadOS 18.5, macOS Sequoia, Sonoma, Ventura, and other platforms. Several of these vulnerabilities enable remote code execution, data leakage, and privilege escalation, often triggered by simply opening a malicious image, video, or website.

### Key Vulnerabilities Patched

- Baseband (CVE-2025-31214): The vulnerability allows an attacker with a privileged network position to potentially intercept network traffic
- mDNSResponder privilege escalation (CVE-2025-31222)
- libexpat flaw (CVE-2024-8176): Multiple issues in libexpat, including unexpected app termination or arbitrary code execution
- CVE-2025-31258: This vulnerability could allow malicious applications to break out of their sandbox and potentially gain unauthorized access to system resources.

### Software Updates Details:

Latest Versions	Available for
iOS 18.5 and iPadOS 18.5	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 17.7.7	iPad Pro 12.9-inch 2nd generation, iPad Pro 10.5-inch, and iPad 6th generation
macOS Sequoia 15.5	macOS Sequoia
macOS Sonoma 14.7.6	macOS Sonoma
macOS Ventura 13.7.6	macOS Ventura
watchOS 11.5	Apple Watch Series 6 and later
tvOS 18.5	Apple TV HD and Apple TV 4K (all models)
visionOS 2.5	Apple Vision Pro
Safari 18.5	macOS Ventura and macOS Sonoma



## 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/100100>