



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Apple Products

Tracking #:432315730

Date:26-03-2024

THE INFORMATION CONTAINED WITHIN IS THE PROPERTY OF THE CYBER SECURITY COUNCIL OF THE UNITED ARAB EMIRATES GOVERNMENT AND IS TO BE USED EXCLUSIVELY FOR INTELLIGENCE PURPOSES. IT MAY NOT BE USED IN ANY LEGAL OR PUBLIC MATTER WITHOUT THE EXPLICIT APPROVAL OF THE CYBER SECURITY COUNCIL



EXECUTIVE SUMMARY:

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

TECHNICAL DETAILS:

Apple released security updates on March 21 and 25, 2024, to address critical vulnerabilities in visionOS, iOS, iPadOS, macOS Ventura, macOS Sonoma, and Safari. These vulnerabilities could potentially allow an attacker to execute arbitrary code on a vulnerable device when processing a maliciously crafted image.

Vulnerability Details:

- **CVE-2024-1580:** Out-of-bounds write in CoreMedia and WebRTC
- A critical vulnerability exists in CoreMedia and WebRTC that allows an attacker to perform an out-of-bounds write, potentially leading to arbitrary code execution or a denial of service.
- Successful exploitation of these vulnerabilities could allow an attacker to execute arbitrary code, crash the application, or potentially gain control of the affected system.

Software Updates Details:

Latest Versions	Available for
Safari 17.4.1	macOS Monterey and macOS Ventura
macOS Sonoma 14.4.1	macOS Sonoma
macOS Ventura 13.6.6	macOS Ventura
iOS 17.4.1 and iPadOS 17.4.1	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 16.7.7 and iPadOS 16.7.7	iPhone 8, iPhone 8 Plus, iPhone X, iPad 5th generation, iPad Pro 9.7-inch, and iPad Pro 12.9-inch 1st generation
visionOS 1.1.1	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/HT201222>