



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates - Multiple Vulnerabilities Apple Products**

Tracking #:432315685

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## EXECUTIVE SUMMARY:

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

## TECHNICAL DETAILS:

On March 7, 2024, Apple released security updates to address vulnerabilities in its Safari, macOS, watchOS, tvOS, and visionOS products. These updates fix multiple vulnerabilities, including two zero-day vulnerabilities tracked as CVE-2024-23225 and CVE-2024-23296 fixed in macOS, watchOS, tvOS, visionOS products. These zero-day vulnerabilities are reportedly being exploited in the wild.

Successful exploitation of these vulnerabilities could allow attackers to gain unauthorized access to devices, steal sensitive data, or execute malicious code, potentially leading to complete control of an affected system.

### Zero Day Vulnerabilities Details:

- **CVE-2024-23225-A memory corruption issue in the kernel**
  - CVSS Base Score: 7.8 (HIGH)
  - An attacker with arbitrary kernel read and write capability could bypass kernel memory protections.
  - A memory corruption issue in the kernel, addressed with improved validation in recent security updates
- **CVE-2024-23296- A memory corruption issue in RTKit**
  - CVSS Base Score: 7.8 (HIGH)
  - An attacker with arbitrary kernel read and write capability could bypass kernel memory protections.
  - A memory corruption issue in RTKit (Apple's real-time operating system), addressed with improved validation in recent security updates

Latest Versions	Available for
Safari 17.4	macOS Monterey and macOS Ventura
macOS Sonoma 14.4	macOS Sonoma
macOS Ventura 13.6.5	macOS Ventura
macOS Monterey 12.7.4	macOS Monterey
watchOS 10.4	Apple Watch Series 4 and later
tvOS 17.4	Apple TV HD and Apple TV 4K (all models)
visionOS 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>