



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Apple

Tracking #:432318590

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Apple has released security updates to address multiple vulnerabilities affecting older iPhone and iPad devices.

TECHNICAL DETAILS:

Apple has released security updates to address multiple vulnerabilities affecting older iPhone and iPad devices. These vulnerabilities have been associated with the **Coruna exploit kit**, which has been used in cyberespionage and cryptocurrency theft campaigns.

Successful exploitation of these vulnerabilities could allow attackers to execute arbitrary code or escalate privileges to kernel level on affected devices.

Vulnerability Details

CVE-2023-41974 – Kernel Use-After-Free Vulnerability

- A use-after-free issue in the kernel could allow malicious applications to execute arbitrary code with elevated privileges. The issue was addressed with improved memory management.

CVE-2024-23222 – WebKit Type Confusion Vulnerability

- A type confusion issue in WebKit could allow processing of malicious web content leading to arbitrary code execution. The issue was mitigated through improved validation checks.

CVE-2023-43000 – WebKit Use-After-Free Vulnerability

- A memory handling flaw in WebKit may allow maliciously crafted web content to trigger memory corruption and potentially execute arbitrary code.

CVE-2023-43010 – WebKit Memory Handling Vulnerability

- An issue in WebKit's memory handling could enable the execution of malicious code when processing specially crafted web content.

Software Updates Details:

Latest Version	Available for
iOS 16.7.15 and iPadOS 16.7.15	iPhone 8, iPhone 8 Plus, iPhone X, iPad 5th generation, iPad Pro 9.7-inch, and iPad Pro 12.9-inch 1st generation
iOS 15.8.7 and iPadOS 15.8.7	iPhone XS, iPhone XS Max, iPhone XR, iPad 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-ae/126646>
- <https://support.apple.com/en-ae/126632>