مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

# Security Updates-VisionOS

Tracking #:432315946

Date:11-06-2024

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Apple has released security update to fix multiple vulnerabilities in VisionOS.

## TECHNICAL DETAILS:

Apple released visionOS 1.2, the second major update to the visionOS operating system that launched alongside the Vision Pro in February.

Notable Vulnerabilities Addressed:

- CVE-2024-27817-An app may be able to execute arbitrary code with kernel privileges
- CVE-2024-27831-Processing a file may lead to unexpected app termination or arbitrary code execution
- CVE-2024-27832-An app may be able to elevate privileges
- CVE-2024-27836-Processing a maliciously crafted image may lead to arbitrary code execution
- CVE-2024-27840-An attacker that has already achieved kernel code execution may be able to bypass kernel memory protections
- CVE-2024-27800-Processing a maliciously crafted message may lead to a denial-of-service

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating VisionOS to 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/HT214108