

Overall Rating - High



This notification is intended as an informational bulletin for technical audiences.

Summary

The Vulnerability and Risk Management (VRM) Team is aware that Apple published security updates to address vulnerabilities in the following products:

- iOS and iPadOS – versions prior to 16.7.8
- iOS and iPadOS – versions prior to 17.5
- macOS Monterey – versions prior to 12.7.5
- macOS Sonoma – versions prior to 14.5
- macOS Ventura – versions prior to 13.6.7
- tvOS – versions prior to 17.5
- watchOS – versions prior to 10.5

Apple is aware that CVE-2024-23296 may have been exploited.

Technical Details

A memory corruption issue was addressed with improved validation. This issue is fixed in iOS 17.4 and iPadOS 17.4. An attacker with arbitrary kernel read and write capability may be able to bypass kernel memory protections. Apple is aware of a report that this issue may have been exploited.

These vulnerabilities are rated as an overall **High** Severity.

Recommended Action

- Investigate how your area of responsibility is affected.
- Notify business owner(s) as required.
- *Ensure mitigation is performed at your next change window.*

Please notify [VRM](#) with any questions or concerns you may have.

References

- CVE-2024-27804 CVE-2024-27816 CVE-2024-27841 CVE-2024-27839 CVE-2024-27818 CVE-2023-42893 CVE-2024-27810 CVE-2024-27852 CVE-2024-27835 CVE-2024-27816 CVE-2024-27803 CVE-2024-27821 CVE-2024-27847 CVE-2024-27796 CVE-2024-27834 CVE-2024-27789 CVE-2024-23296 CVE-2024-27837
- [Apple Security Updates](#)