July 30, 2024

Overall Rating: Critical

BRITISH COLUMBIA

This is a technical bulletin intended for technical audiences.

Summary

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

- iOS and iPadOS – versions prior to 15.8.3
- iOS and iPadOS – versions prior to iOS 16.7.9
- iOS and iPadOS – versions prior to 17.6
- macOS Monterey – versions prior to 12.7.6
- macOS Sonoma – versions prior to 14.6
- macOS Ventura – versions prior to 13.6.8
- Safari – versions prior to 17.6
- tvOS – versions prior to 17.6
- visionOS – versions prior to 1.3
- watchOS – versions prior to 10.6

Technical Details

A use-after-free issue was addressed with improved memory management. This issue is fixed in iOS 16.7.9 and iPadOS 16.7.9, Safari 17.6, iOS 17.6 and iPadOS 17.6, watchOS 10.6, tvOS 17.6, visionOS 1.3, macOS Sonoma 14.6. Processing maliciously crafted web content may lead to an unexpected process crash.

This vulnerability is rated as a **CRITICAL** risk. Software updates exist to address these risks.

Action Required

- Locate the device or application and investigate.
- Notify business owner(s).
- Perform mitigating actions, as required.

Please notify VRM with any questions or concerns you may have at vulnerabilityandriskmanagement@gov.bc.ca

References

- CVE-2024-40799 CVE-2024-27873 CVE-2024-40815 CVE-2024-40795 CVE-2023-6277 CVE-2024-40806 CVE-2024-40777 CVE-2024-40784 CVE-2024-27863 CVE-2024-40788 CVE-2024-40805 CVE-2024-40813 CVE-2024-40778 CVE-2024-40824 CVE-2024-27871 CVE-2024-40835 CVE-2024-40836 CVE-2024-40809 CVE-2024-40787 CVE-2024-40793 CVE-2024-40786 CVE-2024-40818 CVE-2024-40804 CVE-2023-38709 CVE-2024-24795 CVE-2024-27316 CVE-2024-40783 CVE-2024-40774 CVE-2024-40814 CVE-2024-40775 CVE-2024-27877 CVE-2024-27878 CVE-2024-27879 CVE-2024-27873 CVE-2024-40815 CVE-2024-40795
- Apple Security Updates