



Apple Multiple Products WebKit Out-of-Bounds Read Vulnerability

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2023-28204 |
| State | PUBLIC |
| Assigner | product-security@apple.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2023-06-23 18:15:00 UTC |
| Updated | 2024-01-05 14:15:00 UTC |
| Description | An out-of-bounds read was addressed with improved input validation. This issue is fixed in watchOS 9.5, tvOS 16.5, macOS |

Risk And Classification

EPSS: 0.000700000 probability, percentile 0.215560000 (date 2026-04-01)

CISA KEV: Listed on 2023-05-22; due 2023-06-12; ransomware use Unknown

Problem Types: CWE-125

CISA Known Exploited Vulnerability

| | |
|------------------------|---|
| Vendor | Apple |
| Product | Multiple Products |
| Name | Apple Multiple Products WebKit Out-of-Bounds Read Vulnerability |
| Required Action | Apply updates per vendor instructions. |
| Notes | https://support.apple.com/HT213757 , https://support.apple.com/HT213758 , https://support.apple.com/HT213761 , https://support.apple.com/HT213762 , https://support.apple.com/HT213764 , https://support.apple.com/HT213765 ; https://nvd.nist.gov/vuln/detail/CVE-2023-28204 |

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-----------------------|---------------------------|---------|--------|---------|----------|
| Operating System | Apple | Ipados | All | All | All | All |
| Operating System | Apple | Iphone Os | All | All | All | All |
| Operating System | Apple | Macos | All | All | All | All |
| Application | Apple | Safari | All | All | All | All |
| Operating System | Apple | Tvos | All | All | All | All |

| | | | | | | |
|------------------|-----------------------|-------------------------|-----|-----|-----|-----|
| Operating System | Apple | Watchos | All | All | All | All |
|------------------|-----------------------|-------------------------|-----|-----|-----|-----|

References

| Reference | Source | Link | Tags |
|---|---------|---|---------------------|
| About the security content of macOS Ventura 13.4 - Apple Support | MISC | support.apple.com | |
| About the security content of iOS 16.5 and iPadOS 16.5 - Apple Support | MISC | support.apple.com | |
| security.gentoo.org/glsa/202401-04 | | security.gentoo.org | |
| About the security content of tvOS 16.5 - Apple Support | MISC | support.apple.com | |
| About the security content of watchOS 9.5 - Apple Support | MISC | support.apple.com | |
| About the security content of Safari 16.5 - Apple Support | MISC | support.apple.com | |
| About the security content of iOS 15.7.6 and iPadOS 15.7.6 - Apple Support | MISC | support.apple.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |
| CISA Known Exploited Vulnerabilities catalog | CISA | www.cisa.gov | kev |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

| |
|---|
| 160716 Oracle Enterprise Linux Security Update for webkit2gtk3 (ELSA-2023-3433) |
| 160718 Oracle Enterprise Linux Security Update for webkit2gtk3 (ELSA-2023-3432) |
| 181869 Debian Security Update for webkit2gtk (DSA 5427-1) |
| 199627 Ubuntu Security Notification for WebKitGTK Vulnerabilities (USN-6264-1) |
| 241575 Red Hat Update for webkit2gtk3 (RHSA-2023:3432) |
| 241577 Red Hat Update for webkit2gtk3 (RHSA-2023:3433) |
| 284010 Fedora Security Update for webkitgtk (FEDORA-2023-23cc337543) |
| 284080 Fedora Security Update for webkitgtk (FEDORA-2023-9e75e38b47) |
| 355438 Amazon Linux Security Advisory for webkitgtk4 : ALAS2-2023-2088 |
| 378474 Apple MacOS Ventura 13.3.1 Rapid Security Response Update Missing (HT201224) |
| 378503 Apple Safari Multiple Vulnerabilities (HT213762) |
| 378505 Apple macOS Ventura 13.4 Not Installed (HT213758) |
| 378592 Alibaba Cloud Linux Security Update for webkit2gtk3 (ALINUX3-SA-2023:0050) |
| 610479 Apple iOS 15.7.6 and iPadOS 15.7.6 Security Update Missing (HT213765) |
| 610488 Apple iOS 16.5 and iPadOS 16.5 Security Update Missing (HT213757) |

[CVE-2023-41100 Apple iOS 16.0 and macOS 12.0 Security Update Missing \(CVE-2023-41100\)](#)

[710824](#) Gentoo Linux WebKitGTK+ Multiple Vulnerabilities (GLSA 202401-04)

[754122](#) SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2023:2607-1)

[754123](#) SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2023:2606-1)

[754273](#) SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2023:3300-1)

[941131](#) AlmaLinux Security Update for webkit2gtk3 (ALSA-2023:3433)

[941132](#) AlmaLinux Security Update for webkit2gtk3 (ALSA-2023:3432)

[960942](#) Rocky Linux Security Update for webkit2gtk3 (RLSA-2023:3432)

[960947](#) Rocky Linux Security Update for webkit2gtk3 (RLSA-2023:3433)

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