



# Apple Multiple Products WebKit Type Confusion Vulnerability

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

## Summary

<b>CVE</b>	CVE-2023-32439
<b>State</b>	PUBLIC
<b>Assigner</b>	product-security@apple.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-06-23 18:15:00 UTC
<b>Updated</b>	2024-01-05 14:15:00 UTC
<b>Description</b>	A type confusion issue was addressed with improved checks. This issue is fixed in iOS 16.5.1 and iPadOS 16.5.1, iOS 15.7

## Risk And Classification

**EPSS:** 0.011600000 probability, percentile 0.785380000 (date 2026-04-01)

**CISA KEV:** Listed on 2023-06-23; due 2023-07-14; ransomware use Unknown

**Problem Types:** CWE-843

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Apple
<b>Product</b>	Multiple Products
<b>Name</b>	Apple Multiple Products WebKit Type Confusion Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://support.apple.com/en-us/HT213813">https://support.apple.com/en-us/HT213813</a> , <a href="https://support.apple.com/en-us/HT213811">https://support.apple.com/en-us/HT213811</a> , <a href="https://support.apple.com/en-us/HT213814">https://support.apple.com/en-us/HT213814</a> , <a href="https://support.apple.com/en-us/HT213816">https://support.apple.com/en-us/HT213816</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2023-32439">https://nvd.nist.gov/vuln/detail/CVE-2023-32439</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Apple</a>	<a href="#">Ipados</a>	All	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Iphone Os</a>	All	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Macos</a>	All	All	All	All
Application	<a href="#">Apple</a>	<a href="#">Safari</a>	All	All	All	All

## References

Reference	Source	Link	T
About the security content of iOS 16.5.1 and iPadOS 16.5.1 - Apple Support		<a href="https://support.apple.com">support.apple.com</a>	
About the security content of Safari 16.5.1 - Apple Support		<a href="https://support.apple.com">support.apple.com</a>	
oss-security - WebKitGTK and WPE WebKit Security Advisory WSA-2023-0005	MLIST	<a href="https://www.openwall.com">www.openwall.com</a>	
Full Disclosure: APPLE-SA-2023-06-21-2 iOS 16.5.1 and iPadOS 16.5.1	FULLDISC	<a href="https://seclists.org">seclists.org</a>	
Debian -- Security Information -- DSA-5449-1 webkit2gtk	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>	
Full Disclosure: APPLE-SA-2023-06-21-3 iOS 15.7.7 and iPadOS 15.7.7	FULLDISC	<a href="https://seclists.org">seclists.org</a>	
<a href="https://security.gentoo.org/glsa/202401-04">security.gentoo.org/glsa/202401-04</a>		<a href="https://security.gentoo.org">security.gentoo.org</a>	
[SECURITY] Fedora 38 Update: webkitgtk-2.40.3-1.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
About the security content of iOS 15.7.7 and iPadOS 15.7.7 - Apple Support	MISC	<a href="https://support.apple.com">support.apple.com</a>	
[SECURITY] Fedora 37 Update: webkitgtk-2.40.3-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
About the security content of Safari 16.5.1 - Apple Support	MISC	<a href="https://support.apple.com">support.apple.com</a>	
Full Disclosure: APPLE-SA-2023-06-21-1 Safari 16.5.1	FULLDISC	<a href="https://seclists.org">seclists.org</a>	
Full Disclosure: APPLE-SA-2023-06-21-4 macOS Ventura 13.4.1	FULLDISC	<a href="https://seclists.org">seclists.org</a>	
About the security content of macOS Ventura 13.4.1 - Apple Support	MISC	<a href="https://support.apple.com">support.apple.com</a>	
About the security content of iOS 16.5.1 and iPadOS 16.5.1 - Apple Support	MISC	<a href="https://support.apple.com">support.apple.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	c
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	c
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="https://www.cisa.gov">www.cisa.gov</a>	k

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[160791](#) Oracle Enterprise Linux Security Update for webkit2gtk3 (ELSA-2023-4201)

[160792](#) Oracle Enterprise Linux Security Update for webkit2gtk3 (ELSA-2023-4202)

[199627](#) Ubuntu Security Notification for WebKitGTK Vulnerabilities (USN-6264-1)

[241821](#) Red Hat Update for webkit2gtk3 (RHSA-2023:4202)

[241826](#) Red Hat Update for webkit2gtk3 (RHSA-2023:4201)

[284119](#) Fedora Security Update for webkitgtk (FEDORA-2023-6f883415a6)

[284126](#) Fedora Security Update for webkitgtk (FEDORA-2023-be1ed6a2b4)

[355576](#) Amazon Linux Security Advisory for webkitgtk4 : ALAS2-2023-2141

[378605](#) Apple Safari Security update (HT213816)

[378606](#) Apple macOS Ventura 13.4.1 Not Installed (HT213813)

378704	Alibaba Cloud Linux Security Update for webkit2gtk3 (ALINUX3-SA-2023:0078)
6000234	Debian Security Update for webkit2gtk (DSA 5449-1)
610489	Apple iOS 16.5.1 and iPadOS 16.5.1 Security Update Missing (HT213814)
610490	Apple iOS 15.7.7 and iPadOS 15.7.7 Security Update Missing (HT213811)
710824	Gentoo Linux WebKitGTK+ Multiple Vulnerabilities (GLSA 202401-04)
754255	SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2023:3233-1)
754260	SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2023:3237-1)
754273	SUSE Enterprise Linux Security Update for webkit2gtk3 (SUSE-SU-2023:3300-1)
941185	AlmaLinux Security Update for webkit2gtk3 (ALSA-2023:4201)
941186	AlmaLinux Security Update for webkit2gtk3 (ALSA-2023:4202)
960967	Rocky Linux Security Update for webkit2gtk3 (RLSA-2023:4202)
960970	Rocky Linux Security Update for webkit2gtk3 (RLSA-2023:4201)

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