



# CVE-2019-8720

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

## Summary

<b>CVE</b>	CVE-2019-8720
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-03-06 23:15:00 UTC
<b>Updated</b>	2023-03-11 02:53:00 UTC
<b>Description</b>	A vulnerability was found in WebKit. The flaw is triggered when processing maliciously crafted web content that may lead to

## Risk And Classification

**EPSS:** 0.040990000 probability, percentile 0.885390000 (date 2026-04-01)

**CISA KEV:** Listed on 2022-05-23; due 2022-06-13; ransomware use Unknown

**Problem Types:** CWE-119

## CISA Known Exploited Vulnerability

<b>Vendor</b>	WebKitGTK
<b>Product</b>	WebKitGTK
<b>Name</b>	WebKitGTK Memory Corruption Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2019-8720">https://nvd.nist.gov/vuln/detail/CVE-2019-8720</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder</a>	8.0	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder Eus</a>	8.4	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder Eus</a>	8.6	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder For Arm64 Eus</a>	8.0	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder For Arm64 Eus</a>	8.4	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder For Arm64 Eus</a>	8.6	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder For Ibm Z Systems Eus</a>	8.0	All
Application	<a href="#">Redhat</a>	<a href="#">Codeready Linux Builder For Ibm Z Systems Eus</a>	8.4	All

Application	Redhat	Codeready Linux Builder For Ibm Z Systems Eus	8.6	All
Application	Redhat	Codeready Linux Builder For Power Little Endian Eus	8.0	All
Application	Redhat	Codeready Linux Builder For Power Little Endian Eus	8.4	All
Application	Redhat	Codeready Linux Builder For Power Little Endian Eus	8.6	All
Operating System	Redhat	Enterprise Linux	8.0	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Arm64	8.0	All
Operating System	Redhat	Enterprise Linux For Arm64 Eus	8.4	All
Operating System	Redhat	Enterprise Linux For Arm64 Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	7.0	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	8.0	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems Eus	8.4	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Power Big Endian	7.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	7.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.4	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	8.6	All
Operating System	Redhat	Enterprise Linux For Scientific Computing	7.0	All
Operating System	Redhat	Enterprise Linux Server	7.0	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All
Operating System	Redhat	Enterprise Linux Server Aus	8.6	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.4	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	8.6	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All
Operating System	Redhat	Enterprise Linux Server Tus	8.6	All
Operating System	Redhat	Enterprise Linux Server Update Services For Sap Solutions	8.4	All
Operating System	Redhat	Enterprise Linux Server Update Services For Sap Solutions	8.6	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All
Application	Webkitgtk	Webkitgtk	All	All
Application	Wpewebkit	Wpe Webkit	All	All

Reference	Source
WebKitGTK and WPE WebKit Security Advisory WSA-2019-0005 - The WebKitGTK Project	MISC
1876611 – (CVE-2019-8720) CVE-2019-8720 webkitgtk: Multiple memory corruption issues leading to arbitrary code execution	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)

[377553](#) Alibaba Cloud Linux Security Update for webkitgtk4 (ALINUX2-SA-2020:0147)

[501286](#) Alpine Linux Security Update for webkit2gtk

[501936](#) Alpine Linux Security Update for webkit2gtk

[505507](#) Alpine Linux Security Update for webkit2gtk

[770068](#) Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021:0436)

[940362](#) AlmaLinux Security Update for GNOME (ALSA-2020:4451)

[960761](#) Rocky Linux Security Update for GNOME (RLSA-2020:4451)

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