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RHSA Advis

25-12-17

Overview

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In addition to the services they provide to Red Hat, certain Red Hat authorized partners may also use this data for their own purposes or for targeted advertising. This activity may qualify as a "sale" or "targeted advertising" under certain data protection laws. You can make choices using the buttons below to allow or prevent such uses.

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Required Cookies only will set your cookie preferences to "Required Cookies" only. This will prevent our partners from collecting and using this data but may also prevent us from providing you a personalized web experience and more relevant ads on third party websites. Cookie preferences will provide further information and allow you to customize your cookie settings. Setting your cookie preferences to "Required Cookies only" will opt you out of "sales" and "targeted advertising".

Topic

Clearing your browser cookies may delete your cookie preferences. If you re-visit this site after clearing browser cookies, you will need to reset your preferences at that time. If you have set your browser's global privacy

An update for webkit2gtk3 is now available for Red Hat Enterprise Linux 8.2 Advanced Update Support.

Red Hat Product Security has rated this update as having a security impact of Important. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

Description

WebKitGTK is the port of the portable web rendering engine WebKit to the GTK platform.

Security Fix(es):

- webkit: WebKitGTK / WPE WebKit: Out-of-bounds read and integer underflow vulnerability leading to DoS (CVE-2025-13502)
- webkitgtk: A website may exfiltrate image data cross-origin (CVE-2025-43392)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43425)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43427)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43429)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43430)
- webkitgtk: Processing maliciously crafted web content may lead to memory corruption (CVE-2025-43431)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43432)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected Safari crash (CVE-2025-43434)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43440)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43443)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43421)
- webkit: WebKitGTK: Remote user-assisted information disclosure via file drag-and-drop (CVE-2025-13947)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-43458)
- webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash (CVE-2025-66287)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

Solution

For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258>

Affected Products

- Red Hat Enterprise Linux Server - AUS 8.2 x86_64

Fixes

- [BZ - 2416300](#) - CVE-2025-13502 webkit: WebKitGTK / WPE WebKit: Out-of-bounds read and integer underflow vulnerability leading to DoS
- [BZ - 2416325](#) - CVE-2025-43392 webkitgtk: A website may exfiltrate image data cross-origin
- [BZ - 2416327](#) - CVE-2025-43425 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416329](#) - CVE-2025-43427 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416330](#) - CVE-2025-43429 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416331](#) - CVE-2025-43430 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416332](#) - CVE-2025-43431 webkitgtk: Processing maliciously crafted web content may lead to memory corruption
- [BZ - 2416334](#) - CVE-2025-43432 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416335](#) - CVE-2025-43434 webkitgtk: Processing maliciously crafted web content may lead to an unexpected Safari crash
- [BZ - 2416336](#) - CVE-2025-43440 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416337](#) - CVE-2025-43443 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2416355](#) - CVE-2025-43421 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash
- [BZ - 2418576](#) - CVE-2025-13947 webkit: WebKitGTK: Remote user-assisted information disclosure via file drag-and-drop
- [BZ - 2418855](#) - CVE-2025-43458 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash

- [BZ - 2418857](#) - CVE-2025-66287 webkitgtk: Processing maliciously crafted web content may lead to an unexpected process crash

CVEs

- [CVE-2025-13502](#)
- [CVE-2025-13947](#)
- [CVE-2025-43392](#)
- [CVE-2025-43421](#)
- [CVE-2025-43425](#)
- [CVE-2025-43427](#)
- [CVE-2025-43429](#)
- [CVE-2025-43430](#)
- [CVE-2025-43431](#)
- [CVE-2025-43432](#)
- [CVE-2025-43433](#)
- [CVE-2025-43434](#)
- [CVE-2025-43438](#)
- [CVE-2025-43440](#)
- [CVE-2025-43441](#)
- [CVE-2025-43443](#)
- [CVE-2025-43458](#)
- [CVE-2025-66287](#)

References

- <https://access.redhat.com/security/updates/classification/#important>

The Red Hat security contact is secalert@redhat.com. More contact details at <https://access.redhat.com/security/team/contact/>.



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