

مجلس الأمان السيبراني CYBER SECURITY COUNCIL



Security Updates-ChromeOS
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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Google has released a new Long-Term Support (LTS) update for ChromeOS devices to address multiple security vulnerabilities.

TECHNICAL DETAILS:

Google has released a new Long-Term Support (LTS) update for ChromeOS devices — version 132.0.6834.227 (Platform Version: 16093.109.0) — now being rolled out to most supported ChromeOS devices. This release addresses several security vulnerabilities, including a high-severity use-after-free flaw in the Chrome Profiler component, along with multiple medium-severity vulnerabilities impacting Blink, BFCache, and the V8 JavaScript engine.

These vulnerabilities could potentially be exploited by attackers to achieve arbitrary code execution, data corruption, or application crashes, especially through malicious web content. Organizations using ChromeOS in sensitive environments or with large user bases should prioritize deploying this update promptly.

Security Vulnerability Details:

- CVE-2025-6192 Use after free in Profiler- High
- CVE-2025-5068 Use after free in Blink- Medium
- CVE-2025-5281 Inappropriate implementation in BFCache- Medium
- CVE-2025-6554 Type Confusion in V8- Medium

Fixed Versions:

- ChromeOS 132.0.6834.227 (Platform Version: 16093.109.0)

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to update ChromeOS systems to fixed versions or later as soon as possible to mitigate risks from these vulnerabilities.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- <https://chromereleases.googleblog.com/2025/07/long-term-support-channel-update-for.html>