مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Google Chrome
Tracking #:432317571
Date:06-08-2025

TLP: WHITE

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Google has released security updates to address multiple vulnerabilities in the Chrome browser.

TECHNICAL DETAILS:

Google has released security updates for the Chrome browser addressing multiple medium- and low-severity vulnerabilities. These flaws could lead to use-after-free conditions, improper handling of user input, and inappropriate implementation of components, potentially resulting in browser crashes, data leakage, or unauthorized behavior within browser extensions and features.

Medium-Severity Vulnerabilities:
- CVE-2025-8576 Use after free in Extensions
- CVE-2025-8577 Inappropriate implementation in Picture In Picture
- CVE-2025-8578 Use after free in Cast

Low-Severity Vulnerabilities:
- CVE-2025-8579 Inappropriate implementation in Gemini Live in Chrome
- CVE-2025-8580 Inappropriate implementation in Filesystems
- CVE-2025-8581 Inappropriate implementation in Extensions
- CVE-2025-8582 Insufficient validation of untrusted input in DOM
- CVE-2025-8583 Inappropriate implementation in Permissions

Affected Platforms and Fixed Versions:
- Stable Channel Update for Desktop
    - Chrome 139.0.7258.66/67 Windows and Mac
    - Chrome 139.0.7258.66 (Linux)

Additional Chrome Updates:
- Early Stable Update for Desktop
    - Chrome 138.0.7204.224 for Windows and Mac
- Chrome 139 (139.0.7258.62) for Android
- Chrome Stable 139 (139.0.7258.76) for iOS

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to update Google Chrome to the latest version.

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/2025/08/stable-channel-update-for-desktop.html
- https://chromereleases.googleblog.com/