مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Google Chrome
Tracking #:432317602
Date:14-08-2025

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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 on the Stable channel for Windows, Mac, and Linux. These updates address multiple vulnerabilities, including high-severity flaws that could allow attackers to execute arbitrary code, cause application crashes, or access sensitive information.

Vulnerability Details:

CVE ID	Severity	Description
CVE-2025-8879	High	Heap buffer overflow in libaom – may lead to memory corruption and potential arbitrary code execution.
CVE-2025-8880	High	Race condition in V8 JavaScript engine – could enable attackers to exploit inconsistent states in memory.
CVE-2025-8901	High	Out-of-bounds write in ANGLE – may allow memory corruption and code execution.
CVE-2025-8881	Medium	Inappropriate implementation in File Picker – may lead to security policy bypass.
CVE-2025-8882	Medium	Use-after-free in Aura – could allow arbitrary code execution or browser crashes.

Fixed Versions:
- Stable Channel Update for Desktop
  - Chrome 139.0.7258.127/.128 for Windows, Mac
  - Chrome 139.0.7258.127 for Linux
- Chrome 139 (139.0.7258.123) for Android

Additional Chrome Updates:
- Early Stable Update for Desktop
  - Chrome 138.0.7204.235 for Windows and Mac

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_12.html
- https://chromereleases.googleblog.com/