مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Google Chrome
Tracking #:432317666
Date:03-09-2025

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 Google Chrome.

TECHNICAL DETAILS:

Google announced the promotion of Chrome 140 (140.0.7339.80/81) to the Stable Channel for Windows, macOS, and Linux. This release addresses six security vulnerabilities, including a high-severity "use after free" flaw in V8 (CVE-2025-9864), which could enable remote attackers to execute arbitrary code.

The vulnerabilities affect core browser components such as V8 JavaScript engine, Toolbar, Extensions, and Downloads, potentially exposing users to exploitation via malicious web content or compromised extensions.

Vulnerabilities:

CVE ID	Severity	Component	Description
CVE-2025-9864	High	V8 (JavaScript)	Use-after-free vulnerability. May allow remote code execution via crafted web content.
CVE-2025-9865	Medium	Toolbar	Inappropriate implementation could allow privilege misuse or unexpected behaviors.
CVE-2025-9866	Medium	Extensions	Inappropriate implementation may enable malicious extensions to bypass restrictions.
CVE-2025-9867	Medium	Downloads	Inappropriate implementation could allow malicious downloads to bypass warnings.

Fixed Version:
- Chrome 140.0.7339.80 (Linux) 140.0.7339.80/81 Windows and Mac

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently released by Google for Chrome.

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/2025/09/stable-channel-update-for-desktop.html