مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Google Chrome
Tracking #:432317390
Date:18-06-2025

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL

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 a security update for Chrome addressing multiple high-severity vulnerabilities. Exploitation of these vulnerabilities could allow attackers to execute arbitrary code or cause memory corruption by tricking users into visiting a malicious website.

High-Severity Vulnerabilities:
- **CVE-2025-6191: Integer overflow in V8**
  - An integer overflow vulnerability in the V8 JavaScript engine could allow attackers to manipulate memory allocation during JavaScript execution. Successful exploitation could result in unexpected behavior, memory corruption, or arbitrary code execution simply by visiting a malicious website.

- **CVE-2025-6192: Use after free in Profiler**
  - Use-after-free vulnerability in Chrome's Profiler component could result in memory corruption or exploitable crashes. If exploited, attackers may execute malicious code within the browser context.

Fixed versions:
- Stable Channel Update for Desktop
  - Chrome 137.0.7151.119/.120 for Windows, Mac
  - Chrome137.0.7151.119 for Linux.
  - Chrome 137 (137.0.7151.115) for Android

Addional Updates:
- Extended Stable Updates for Desktop:
  - Chrome 136.0.7103.177 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/2025/06/stable-channel-update-for-desktop_17.html
- https://chromereleases.googleblog.com/