مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Google Chrome
Tracking #:432318696
Date:01-04-2026

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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 including an actively exploited vulnerability in the wild.

TECHNICAL DETAILS:

Google Chrome has released a Stable Channel update addressing 21 security vulnerabilities, including multiple high-severity memory corruption issues such as use-after-free, heap buffer overflow, and integer overflow.

Notably, **CVE-2026-5281** (Use-after-free in Dawn) is actively exploited in the wild, significantly increasing the risk to unpatched systems. Successful exploitation could allow attackers to achieve remote code execution (RCE), sandbox escape, or system compromise via malicious web content.

Actively exploited vulnerability:
- **CVE-2026-5281 (Dawn)**: Impacts Chrome's WebGPU/Dawn component, potentially enabling drive-by exploitation via crafted web pages.

High Severity Vulnerabilities
- CVE-2026-5273 – Use-after-free in CSS
- CVE-2026-5272 – Heap buffer overflow in GPU
- CVE-2026-5274 – Integer overflow in Codecs
- CVE-2026-5275 – Heap buffer overflow in ANGLE
- CVE-2026-5276 – Insufficient policy enforcement in WebUSB
- CVE-2026-5277 – Integer overflow in ANGLE
- CVE-2026-5278 – Use-after-free in Web MIDI
- CVE-2026-5279 – Object corruption in V8
- CVE-2026-5280 – Use-after-free in WebCodecs
- CVE-2026-5282 – Out-of-bounds read in WebCodecs
- CVE-2026-5283 – Inappropriate implementation in ANGLE
- CVE-2026-5284 – Use-after-free in Dawn
- CVE-2026-5285 – Use-after-free in WebGL
- CVE-2026-5286 – Use-after-free in Dawn
- CVE-2026-5287 – Use-after-free in PDF
- CVE-2026-5288 – Use-after-free in WebView
- CVE-2026-5289 – Use-after-free in Navigation
- CVE-2026-5290 – Use-after-free in Compositing

Medium Severity Vulnerabilities
- CVE-2026-5291 – Inappropriate implementation in WebGL
- CVE-2026-5292 – Out-of-bounds read in WebCodecs

Fixed Versions:
- Stable Channel Update for Desktop
  - Chrome 146.0.7680.177/178 (Windows/Mac)
  - Chrome 146.0.7680.177 (Linux)

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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/

TLP: WHITE