

مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates-Google Chrome**

Tracking #:432317772

Date:02-10-2025

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Google has released security update addresses 21 security vulnerabilities, including multiple high-severity and medium-severity flaws.

## TECHNICAL DETAILS:

Google has released Chrome 141.0.7390.54/55 to the stable channel for Windows, macOS, and Linux. This update addresses 21 security vulnerabilities, including multiple high-severity heap buffer overflows and several medium-severity flaws across components such as WebGPU, Video, Storage, Media, Omnibox, Tabs, and V8.

Two notable high-severity vulnerabilities—CVE-2025-11205 (WebGPU) and CVE-2025-11206 (Video)—could allow memory corruption and potential remote code execution (RCE) if exploited. Additionally, medium-severity flaws involving side-channel leaks, inappropriate implementations, and out-of-bounds reads may expose sensitive information or lead to instability.

Organizations and end-users are strongly advised to update immediately to mitigate the risk of exploitation.

### High Severity

- **CVE-2025-11205** – Heap buffer overflow in **WebGPU**
  - Impact: May lead to memory corruption and remote code execution.
- **CVE-2025-11206** – Heap buffer overflow in **Video**
  - Impact: Could be exploited via crafted video content to achieve memory corruption.

### Medium Severity

- **CVE-2025-11207** – Side-channel information leakage in **Storage**
- **CVE-2025-11208** – Inappropriate implementation in **Media**
- **CVE-2025-11209** – Inappropriate implementation in **Omnibox**
- **CVE-2025-11210** – Side-channel information leakage in **Tab**
- **CVE-2025-11211** – Out-of-bounds read in **Media**
- **CVE-2025-11212** – Inappropriate implementation in **Media**
- **CVE-2025-11213** – Inappropriate implementation in **Omnibox**
- **CVE-2025-11215** – Off-by-one error in **V8**

### Low Severity

- **CVE-2025-11216** – Inappropriate implementation in **Storage**
- **CVE-2025-11219** – Use-after-free in **V8**

### Fixed Version:

- Chrome 141.0.7390.54 (Linux) 141.0.7390.54/55 Windows and Mac

## RECOMMENDATIONS:

- Organizations and end-users are strongly advised to update immediately to mitigate the risk of exploitation.

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\\_30.html](https://chromereleases.googleblog.com/2025/09/stable-channel-update-for-desktop_30.html)