



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates – Google Chrome**

Tracking #:432318142

Date:17-12-2025

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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 to address multiple high-severity vulnerabilities affecting key components, including WebGPU and the V8 JavaScript engine. Exploitation of these flaws could allow attackers to cause memory corruption and potentially execute arbitrary code within the browser.

### High-Severity Vulnerabilities

- CVE-2025-14765: Use-after-free vulnerability in the WebGPU component.
- CVE-2025-14766: Out-of-bounds read and write vulnerability in the V8 JavaScript engine.

### Potential Impact

Exploitation of these vulnerabilities may result in browser crashes, unauthorized access to sensitive information, or remote code execution in the context of the affected user.

### Fixed Versions:

- Stable Channel Update for Desktop
  - Chrome 143.0.7499.146/.147 for Windows/Mac
  - Chrome 143.0.7499.146 for Linux
- Chrome 143 (143.0.7499.146) for Android

### Additional Chrome Updates:

- Extended Stable Updates for Desktop
  - Chrome 142.0.7499.243 for Windows and Mac
- Chrome Stable 143 (143.0.7499.151) for iOS

## 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/2025/12/stable-channel-update-for-desktop\\_16.html](https://chromereleases.googleblog.com/2025/12/stable-channel-update-for-desktop_16.html)
- <https://chromereleases.googleblog.com/>