



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates-Google Chrome Browser

Tracking #:432315953

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Google recently released security updates to address multiple vulnerabilities in the Chrome browser.

TECHNICAL DETAILS:

On June 11, 2024, Google released security updates to address multiple vulnerabilities in the Chrome browser. An attacker could exploit these vulnerabilities to remotely execute arbitrary code, bypass security restrictions, or cause a denial-of-service condition on a vulnerable system. This update includes 21 security fixes, including the following highlighted vulnerabilities:

Vulnerabilities Details:

CVE	Severity	Description
CVE-2024-5830	High	Type Confusion in V8
CVE-2024-5831	High	Use after free in Dawn
CVE-2024-5832	High	Use after free in Dawn
CVE-2024-5833	High	Type Confusion in V8
CVE-2024-5834	High	Inappropriate implementation in Dawn
CVE-2024-5835	High	Heap buffer overflow in Tab Groups
CVE-2024-5836	High	Inappropriate Implementation in DevTools
CVE-2024-5837	High	Type Confusion in V8
CVE-2024-5838	High	Type Confusion in V8
CVE-2024-5839	Medium	Inappropriate Implementation in Memory Allocator
CVE-2024-5840	Medium	Policy Bypass in CORS
CVE-2024-5841	Medium	Use after free in V8
CVE-2024-5842	Medium	Use after free in Browser UI
CVE-2024-5843	Medium	Inappropriate implementation in Downloads
CVE-2024-5844	Medium	Heap buffer overflow in Tab Strip
CVE-2024-5845	Medium	Use after free in Audio
CVE-2024-5846	Medium	Use after free in PDFium
CVE-2024-5847	Medium	Use after free in PDFium

Fixed Versions:

- Chrome 126.0.6478.56/57 (Windows, Mac)
- Chrome 126.0.6478.54 (Linux)
- Chrome 126 (126.0.6478.50) for Android
- Chrome Stable 126 (126.0.6478.54) for iOS

RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating 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/>
- <https://chromereleases.googleblog.com/2024/06/stable-channel-update-for-desktop.html>