



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates-Google Chrome Browser

Tracking #:432315832

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EXECUTIVE SUMMARY:

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

TECHNICAL DETAILS:

On May 7, 2024, Google released a critical security update for its Chrome browser to address multiple high-severity vulnerabilities. Successful exploitation of these vulnerabilities could allow an attacker to remotely execute arbitrary code on a victim's machine in the context of the logged-in user. This could lead to a complete compromise of the system, including data theft, installation of malware, or impersonation of the user.

Vulnerabilities Details:

- **CVE-2024-4558 (High Severity):**
 - A use-after-free vulnerability exists in ANGLE, a graphics library used by Chrome. This vulnerability could allow an attacker to crash Chrome or potentially execute arbitrary code.
- **CVE-2024-4559 (High Severity):**
 - A heap buffer overflow vulnerability exists in WebAudio, the Web API for audio processing. This vulnerability could allow an attacker to corrupt memory and potentially execute arbitrary code.

Fixed Versions:

- Stable Channel Update
 - Chrome 124.0.6367.155/.156 for MAC and Windows
 - Chrome 124.0.6367.155 for Linux
- Extended Stable Channel Update
 - Chrome 124.0.6367.155 for MAC and Windows
- Chrome 124 (124.0.6367.159) for Android

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/2024/05/stable-channel-update-for-desktop_7.html