



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates-Google Chrome Browser

Tracking #:432315909

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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 30, 2024, Google released security updates to address multiple high-severity vulnerabilities in the Chrome browser. These vulnerabilities could allow attackers to remotely execute malicious code on vulnerable systems, potentially compromising data and systems. This update addressed 11 security fixes, including the following vulnerabilities:

Vulnerabilities Details:

- **High (CVE-2024-5493):** Heap Buffer Overflow in WebRTC - This vulnerability could allow attackers to execute arbitrary code on a victim's machine through a specially crafted WebRTC handshake.
- **High (CVE-2024-5494, CVE-2024-5495):** Use After Free in Dawn - Memory access errors could lead to code execution in the context of the browser.
- **High (CVE-2024-5496):** Use After Free in Media Session - Similar to the Dawn vulnerabilities, this could allow attackers to execute malicious code.
- **High (CVE-2024-5497):** Out of Bounds Memory Access in Keyboard Inputs - Improper memory access could lead to crashes or potentially code execution.
- **High (CVE-2024-5498):** Use After Free in Presentation API - Memory access errors after the API is no longer in use could lead to vulnerabilities.
- **High (CVE-2024-5499):** Out of Bounds Write in Streams API - Inadequate memory bounds checking could allow attackers to inject malicious code.

Fixed Versions:

- Stable Channel Update
 - Chrome 125.0.6422.141/.142 for Windows, Mac
 - Chrome 125.0.6422.141 for Linux
- Extended Stable Channel Update
 - Chrome 124.0.6367.243 for Windows and Mac
- Chrome 125 (125.0.6422.146/.147) for Android
- Chrome Stable 125 (125.0.6422.145) 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/>