



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates-Google Chrome Browser**

Tracking #:432315748

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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 April 2, 2024, Google released a critical security update for Chrome browser to address multiple high-severity vulnerabilities. These vulnerabilities could potentially allow attackers to remotely execute malicious code on a victim's machine, leading to data theft, system compromise, or other malicious activities.

### Vulnerabilities Details:

- **CVE-2024-3156 (High Severity): Inappropriate implementation in V8**
  - This vulnerability exists in the V8 JavaScript engine, a core component of Chrome. A successful exploit could allow attackers to execute arbitrary code on affected system, potentially leading to complete system compromise.
- **CVE-2024-3158 (High Severity): Use after free in Bookmarks**
  - This vulnerability is related to the Chrome bookmarks functionality. An attacker could exploit this vulnerability to crash the browser or potentially execute malicious code.
- **CVE-2024-3159 (High Severity): Out of bounds memory access in V8**
  - Similar to CVE-2024-3156, this vulnerability resides in the V8 engine and could allow attackers to execute arbitrary code on affected system.

### Fixed Versions:

- Stable Channel Update
  - Chrome 123.0.6312.105/.106/.107 for Windows and Mac
  - Chrome 123.0.6312.105 to Linux
- Extended Stable Channel Update
  - Chrome 122.0.6261.156 for Windows and Mac
- Chrome 123 (123.0.6312.99) 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/>