



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – ChromeOS and ChromeOS Flex

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Google has released security updates to address multiple vulnerabilities in ChromeOS and ChromeOS Flex.

TECHNICAL DETAILS:

Google has released a security update for ChromeOS and ChromeOS Flex to address multiple vulnerabilities. These vulnerabilities could potentially allow attackers to execute arbitrary code, cause a denial of service, or gain unauthorized access to sensitive information.

Vulnerabilities Details:

Critical Severity

- CVE-2024-10487: Out of bounds write in Dawn

High Severity

- CVE-2024-9954: Use after free in AI
- CVE-2024-10488: Use after free in WebRTC
- CVE-2024-10229: Inappropriate implementation in Extensions
- CVE-2024-10230 and CVE-2024-10231: Type Confusion in V8
- CVE-2024-7006: Fixes in libtiff (3rd party)
- CVE-2024-7971 Type Confusion in V8
- CVE-2024-9369 Insufficient data validation in Mojo

Medium Severity

- CVE-2024-9959: Use after free in DevTools
- CVE-2024-9962: Inappropriate implementation in Permissions
- CVE-2024-9960: Use after free in Dawn
- CVE-2024-9963: Insufficient data validation in Downloads
- CVE-2024-9958: Inappropriate implementation in PictureInPicture
- CVE-2024-47076, CVE-2024-47175, CVE-2024-47176, CVE-2024-47177: Fixes in CUPS (3rd party)

Low Severity

- CVE-2024-9966: Inappropriate implementation in Navigations
- CVE-2024-9964: Inappropriate implementation in Payments

Fixed Versions:

- The Stable channel for ChromeOS and ChromeOS Flex has been updated to OS version 16033.43.0 and Browser version 130.0.6723.84 for most ChromeOS devices.
- Long Term Support Channel Update for ChromeOS: LTS-126 version 126.0.6478.256 (Platform Version: 15886.81.0), for most ChromeOS devices.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently released by Google.

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/2024/10/stable-channel-update-for-chromeos_29.html
- https://chromereleases.googleblog.com/2024/10/long-term-support-channel-update-for_29.html