



KPMG Cyber Threat Intelligence Platform

Cyber Threat Notification | Urgent Chrome update patches another zero-day



Tracker ID: TN1106 **Date:** 01/Nov/2022 **Category:** Vulnerability **Industry:** All **Region:** All

Background Google has released an urgent security update for the Chrome desktop web browser to address a known vulnerability used in attacks. The high severity vulnerability CVE-2022-3723 is a type confusion flaw in V8, Google's open-source high-performance JavaScript and WebAssembly engine. Such Type Confusion Bugs may result in unauthorized code execution and out-of-bounds memory access. There have also been reports of active exploitation attempts.

A type confusion vulnerability occurs when software allocates a resource, object, or variable with one type and then accesses it with a different, incompatible type, resulting in an out-of-bounds memory access. By accessing memory locations that should not be accessible from the context of the application, an attacker could read sensitive data from other apps, cause crashes, or run arbitrary code. Google has not disclosed the activity level with the CVE-2022-3723 exploit in the wild. Thus, affected users are encouraged to install the fixes as soon as feasible.

With the most recent patch, Google has identified Chrome's seventh zero-day vulnerability since 2022. The previous six bugs include - CVE-2022-3075 issued on September 2nd, CVE-2022-2856 on August 17th, CVE-2022-2294 on July 4th, CVE-2022-1364 on April 14th, CVE-2022-1096 on March 25th, and CVE-2022-0609 on February 14th.

Analysis

CVE ID	CVSS Score	Severity
CVE-2022-3273	NA	High

Affected Products and Versions

- Chrome Desktop Browser

Recommendations

- Immediately identify the vulnerable instances and apply the vendor-provided patches as soon as possible.
- Users are advised to update to version 107.0.5304.87 for MacOS and Linux and 107.0.5304.87/.88 for Windows.

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References

- Release updates from the Chrome team, Stable Channel Update for Desktop, Google, 27th October 2022, External Link (chromereleases.googleblog.com)
- KNOWN EXPLOITED VULNERABILITIES CATALOG, CISA, 28th October 2022, External Link (cisa.gov)
- Ravie Lakshmanan, Google Issues Urgent Chrome Update to Patch Actively Exploited Zero-Day Vulnerability, Hacker News, 28th October 2022, External Link (thehackernews.com)
- Bill Toulas, Google fixes seventh Chrome zero-day exploited in attacks this year, Bleeping Computer, 28th October 2022, External Link (bleepingcomputer.com)

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For any query or feedback, feel free to reach us at IN-FM KPMG CTI.

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