inetum
Positive digital flow

Vulnerabilities in Google Chrome

Threat Alert - High

On July 4th, Google announced the release of Chrome 103.0.5060.114 to the stable channel with fixes for a total of 3 vulnerabilities, all of them classified as High in severity. It should be noted that one of the vulnerabilities is an actively exploited zero-day that is being actively exploited. Google has not provided further details regarding these vulnerabilities until a majority of users are updated with a fix.

High severity vulnerabilities

Among the vulnerabilities classified as High, the following stand out:

- **CVE-2022-2294:** The vulnerability, which is being actively exploited in the wild, allows a remote attacker to execute arbitrary code on the target system. It exists due to a boundary error within WebRTC implementation. A remote attacker can trick the victim ti visit a specially crafted website, trigger a heap-based buffer overflow and execute arbitrary code on the target system.
- **CVE-2022-2295:** The vulnerability allows a remote attacker to execute arbitrary code on the target system. It exists due to a type confusion error within the V8 component in Google Chrome. A remote attacker can create a specially crafted web page, trick the victim into visiting it, trigger a type confusion error and execute arbitrary code on the target system.
- **CVE-2022-2296:** The vulnerability allows a remote attacker to compromise vulnerable system. It exists due to a use-after-free error within the Chrome OS Shell component in Google Chrome. A remote attacker can create a specially crafted web page, trick the victim into visiting it, trigger use-after-free error and execute arbitrary code on the target system. Successful exploitation of the vulnerability may allow an attacker to compromise vulnerable system.

Affected products

This vulnerabilities affect Google Chrome versions 103.0.5060.53 - 103.0.5060.66

Recommendations

- Chrome users are strongly recommended to update to the latest version
- It is recommended to always keep the operating system updated and all tools or applications used.

Links of interest

- https://chromereleases.googleblog.com/2022/07/stable-channel-update-for-desktop.html-

inetum

Positive digital flow

www.inetum.com