Indian Computer Emergency Response Team
Ministry of Electronics and Information Technology
Government of India

CERT-In Vulnerability Note CIVN-2023-0295
Multiple vulnerabilities in Google Chrome

Original Issue Date:October 11, 2023

Severity Rating: HIGH

Software Affected

- Google Chrome versions prior to 118.0.5993.70/.71 for Windows
- Google Chrome versions prior to 118.0.5993.70 for Mac and Linux

Overview

Multiple vulnerabilities have been reported in Google Chrome which could allow a remote attacker to execute arbitrary code and cause denial of Service (DoS) condition on the targeted system.

Description

These vulnerabilities exist in Google Chrome due to Use after free in Site Isolation, Blink History and Cast; Inappropriate implementation in Fullscreen, Navigation, DevTools, Intents, Downloads, Extensions API, Autofill, Installer and Input; Heap buffer overflow in PDF. A remote attacker could exploit these vulnerabilities by sending a specially crafted request on the targeted system.

Successful exploitation of these vulnerabilities could allow a remote attacker to execute arbitrary code and cause denial of Service (DoS) condition on the targeted system.

Solution

Apply appropriate updates as mentioned by the vendor.
https://chromereleases.googleblog.com/2023/10/stable-channel-update-for-desktop_10.html

Vendor Information

Google Chrome
https://chromereleases.googleblog.com/2023/10/stable-channel-update-for-desktop_10.html

References

Google Chrome
https://chromereleases.googleblog.com/2023/10/stable-channel-update-for-desktop_10.html

CVE Name
CVE-2023-5218
CVE-2023-5473
CVE-2023-5474
CVE-2023-5475
CVE-2023-5476
CVE-2023-5477
CVE-2023-5478
CVE-2023-5479
CVE-2023-5481
CVE-2023-5483
CVE-2023-5484
CVE-2023-5485
CVE-2023-5486
CVE-2023-5487

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