



THREAT ADVISORY



**VULNERABILITY
REPORT**

**Google releases Chrome 106 to address
Vulnerabilities**

Date of Publication

October 13, 2022

Admiralty code

A1







TA Number

TA2022223

Summary

Google Chrome addresses multiple vulnerabilities with its latest stable channel update for Windows, Mac, and Linux.

CVEs

| CVE | NAME | PATCH |
|---------------|---|---|
| CVE-2022-3445 | Use after free in Skia |  |
| CVE-2022-3446 | Heap buffer overflow in WebSQL |  |
| CVE-2022-3447 | Inappropriate implementation in Custom Tabs |  |
| CVE-2022-3448 | Use after free in Permissions API |  |
| CVE-2022-3449 | Use after free in Safe Browsing |  |
| CVE-2022-3450 | Use after free in Peer Connection |  |

Technical Details

Four of the six Chrome vulnerabilities are triggered by Use-After-Free (UAF) errors in Google Chrome's Skia, Permissions API, Safe Browsing, and Peer Connection components. Successfully exploiting this vulnerability may result in data corruption, software failures, or arbitrary code execution. WebSQL has a heap buffer overflow as a result of a boundary error when processing untrusted HTML content.

Vulnerability Details

| CVE ID | AFFECTED PRODUCTS | AFFECTED CPE | CWE ID |
|---------------|--|--|---------|
| CVE-2022-3445 | Google Chrome: 70.0.3538.67 - 106.0.5249.103 | cpe:2.3:a:google:googl e_chrome:- :*:*:*:*:*:* | CWE-416 |
| CVE-2022-3446 | | | CWE-122 |
| CVE-2022-3447 | | | CWE-358 |
| CVE-2022-3448 | | | CWE-416 |
| CVE-2022-3449 | | | CWE-416 |
| CVE-2022-3450 | | | CWE-416 |

Patch Details

Update Google Chrome to version 106.0.5249.119

Patch Link

<https://www.google.com/intl/en/chrome/?standalone=1>

References

https://chromereleases.googleblog.com/2022/10/stable-channel-update-for-desktop_11.html

What Next?

Book a free demo with **HivePro Uni5** to check your exposure to this advisory. HivePro Uni5 is a Continuous Threat Exposure Management Solution that proactively reduces an organization's attack surface before it gets exploited.



At Hive Pro we take a long hard look at your vulnerabilities so you can bolster your defenses and fine-tune your offensive cybersecurity tactics.

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October 13, 2022 • 1:05 AM

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