

THREAT ADVISORY

 **VULNERABILITY REPORT**

**Google addressed several flaws with
Chrome 107**

Date of Publication

November 10, 2022

Admiralty code

A1

TA Number

TA2022252







Summary

First Seen: November 8, 2022

Affected Product: Google Chrome

Impact: Arbitrary code execution

CVEs

CVE	NAME	PATCH
CVE-2022-3885	Use after free in V8	
CVE-2022-3886	Use after free in Speech Recognition	
CVE-2022-3887	Use after free in Web Workers	
CVE-2022-3888	Use after free in WebCodecs	
CVE-2022-3889	Type Confusion in V8	
CVE-2022-3890	Heap buffer overflow in Crashpad	

Vulnerability Details

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

The Use-After-Free (UAF) issue is responsible for four of the six Chrome vulnerabilities. This is a vulnerability caused by the improper use of dynamic memory during program execution. Exploiting this vulnerability successfully may result in arbitrary code execution.

Vulnerability

CVE ID	AFFECTED PRODUCTS	AFFECTED CPE	CWE ID
CVE-2022-3885	Google Chrome: 70.0.3538.67 - 107.0.5304.88	cpe:2.3:a:google:googl e_chrome:- :*:*:*:*:*:*	CWE-416
CVE-2022-3886			CWE-416
CVE-2022-3887			CWE-416
CVE-2022-3888			CWE-416
CVE-2022-3889			CWE-843
CVE-2022-3890			CWE-122

Recommendations



Security Leaders

Phishing simulations and routine education and awareness training and communications rarely account for MFA fatigue and web browser hygiene. Integrate and communicate all lessons learned.



Security Engineers

- **Uni5 Users:** This is an actionable threat advisory in HivePro Uni5. Prioritize the vulnerability, identify the impacted assets, and patch them through your Command Center. Test your controls with Uni5's Breach & Attack Simulation.
- **All Engineers:** Refer to and action upon the 'Patch Details' on the following page.

Patch Details

Update Google Chrome to version 107.0.5304.110 for Mac and Linux and 107.0.5304.106/.107 for Windows

Patch Link

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

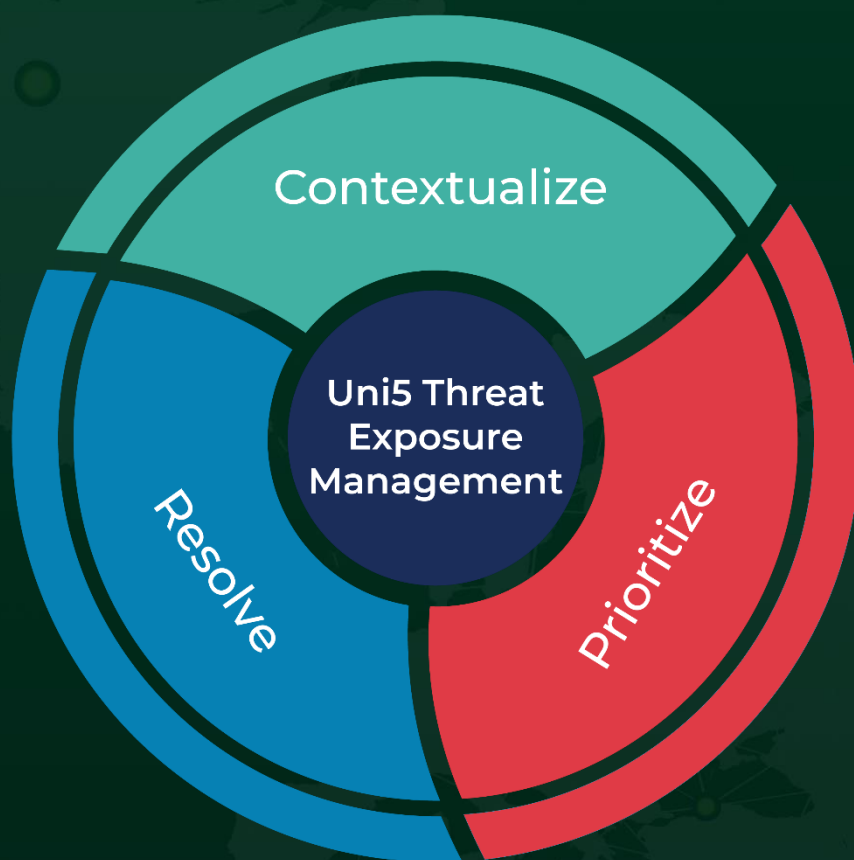
References

<https://chromereleases.googleblog.com/2022/11/stable-channel-update-for-desktop.html>

What Next?

At HivePro, it is our mission to detect the most likely threats to your organization and to help you prevent them from happening.

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