



# CVE-2021-37998

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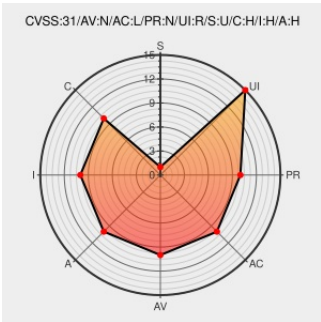
Last Modified on: 11/24/2021 04:34:00 PM UTC

## CVE-2021-37998

Source: Mitre

Source: Nist

Print: PDF



Certain versions of [Chrome](#) from [Google](#) contain the following vulnerability:

Use after free in Garbage Collection in Google Chrome prior to 95.0.4638.69 allowed a remote attacker to potentially exploit heap corruption via a crafted HTML page.

CVE-2021-37998 has been assigned by chrome-cve-admin@google.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Google - Chrome** version < 95.0.4638.69

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description  | Tags   | Link                                   |
|--|--|--|
| 1259587 - chromium - An open-source project to help move the web forward. - Monorail | <a href="#">crbug.com</a><br><a href="#">text/html</a> | <a href="#">MISC crbug.com/1259587</a> |

Chrome Releases: Stable Channel Update for Desktop

[chromereleases.googleblog.com](https://chromereleases.googleblog.com)

text/html

MISC

[chromereleases.googleblog.com/2021/10/stable-channel-update-for-desktop\\_28.html](https://chromereleases.googleblog.com/2021/10/stable-channel-update-for-desktop_28.html)

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### Related QID Numbers

376000 Google Chrome Prior to 95.0.4638.69 Multiple Vulnerabilities

376010 Microsoft Edge Based on Chromium Prior to 95.0.1020.40 Multiple Vulnerabilities

690221 Free Berkeley Software Distribution (FreeBSD) Security Update for chromium (976d7bf9-38ea-11ec-b3b0-3065ec8fd3ec)



751335 OpenSUSE Security Update for chromium (openSUSE-SU-2021:1462-1)

### Known Affected Configurations (CPE V2.3)

| Type  | Vendor                 | Product                | Version | Update | Edition | Language |
|---|------------------------|------------------------|---------|--------|---------|----------|
| Application                                     | <a href="#">Google</a> | <a href="#">Chrome</a> | All     | All    | All     | All      |
| <code>cpe:2.3:a:google:chrome:*:*:*:*:*:</code> |                        |                        |         |        |         |          |

No vendor comments have been submitted for this CVE

### Social Mentions

| Source   | Title  | Posted (UTC)        |
|--|--|---------------------|
|  @CVEreport          | <a href="https://twitter.com/i/web/status/1...">CVE-2021-37998 : Use after free in Garbage Collection in Google Chrome prior to 95.0.4638.69 allowed a remote attac... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a></a> | 2021-11-23 21:33:14 |
|  /r/k12cybersecurity | <a href="#">MS-ISAC CYBERSECURITY ADVISORY - Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution</a>  | 2021-11-01 13:16:00 |

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