



# CVE-2015-1242

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2015-1242  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | security@google.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2015-04-19 10:59:00 UTC  |
| <b>Updated</b>         | 2023-11-07 02:24:00 UTC  |
| <b>Description</b>     | The ReduceTransitionElementsKind function in hydrogen-check-elimination.cc in Google V8 before 4.2.77.8, as used in Go |

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                    | Product                      | Version | Update | Edition | Language |
|------------------|---------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 15.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 15.04   | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 8.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 8.0     | All    | All     | All      |
| Application      | <a href="#">Google</a>    | <a href="#">Chrome</a>       | All     | All    | All     | All      |
| Application      | <a href="#">Google</a>    | <a href="#">V8</a>           | All     | All    | All     | All      |

## References

### Reference

Red Hat Customer Portal

Issue 1000893003: Incorrect handling of HTransitionElementsKind in hydrogen check elimination phase fixed. - Code Review

Chromium: Multiple vulnerabilities (GLSA 201506-04) — Gentoo security

Issue 1019033004: Version 4.2.77.8 (cherry-pick) - Code Review

Debian -- Security Information -- DSA-3238-1 chromium-browser

Google Chrome Multiple Bugs Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, and Bypass Same-Origin F

openSUSE-SU-2015:0748-1: moderate: Security update for Chromium

Issue 460917 - chromium - OOB write in v8 due to elements kind confusion - An open-source project to help move the web forward. - Google I

openSUSE-SU-2015:1887-1: moderate: Security update for chromium

Chrome Releases: Stable Channel Update

USN-2570-1: Oxide vulnerabilities | Ubuntu

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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