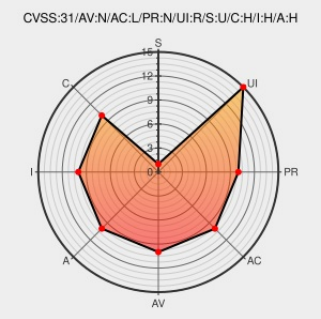
# CVE-2020-6383

Published on: 02/27/2020 12:00:00 AM UTC

Last Modified on: 11/07/2023 03:24:00 AM UTC

## CVE-2020-6383

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Debian Linux from Debian contain the following vulnerability:

Type confusion in V8 in Google Chrome prior to 80.0.3987.116 allowed a remote attacker to potentially exploit heap corruption via a crafted HTML page.

CVE-2020-6383 has been assigned by chrome-cve-admin@google.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Google** - **Chrome** version **< 80.0.3987.116**

### CVSS3 Score: 8.8 - HIGH

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

### CVSS2 Score: 6.8 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | MEDIUM | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| PARTIAL | PARTIAL | PARTIAL |

### CVE References

| Description | Tags | Link |
|---|---|---|
| Red Hat Customer Portal | access.redhat.com<br>text/html | REDHAT RHSA-2020:0738 |

| | | |
|---|---|---|
| [SECURITY] Fedora 30 Update: chromium-80.0.3987.149-1.fc30 - package-announce - Fedora Mailing-Lists | lists.fedoraproject.org<br>text/html | FEDORA FEDORA-2020-39e0b8bd14 |
| Chrome Releases: Stable Channel Update for Desktop | Release Notes<br>Vendor Advisory<br>chromereleases.googleblog.com<br>text/html | MISC chromereleases.googleblog.com/2020/02/stable-channel-update-for-desktop_18.html |
| 1051017 - chromium - An open-source project to help move the web forward. - Monorail | Permissions Required<br>Vendor Advisory<br>crbug.com<br>text/html | MISC crbug.com/1051017 |
| [SECURITY] Fedora 31 Update: chromium-80.0.3987.132-1.fc31 - package-announce - Fedora Mailing-Lists | lists.fedoraproject.org<br>text/html | FEDORA FEDORA-2020-f6271d7afa |
| Debian -- Security Information -- DSA-4638-1 chromium | www.debian.org<br>Depreciated Link<br>text/html | DEBIAN DSA-4638 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Debian | Debian Linux | 10.0 | All | All | All |
| Operating System | Debian | Debian Linux | 9.0 | All | All | All |
| Operating System | Fedoraproject | Fedora | 30 | All | All | All |
| Operating System | Fedoraproject | Fedora | 31 | All | All | All |
| Application | Google | Chrome | All | All | All | All |
| Application | Google | Chrome | All | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 6.0 | All | All | All |

cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:30:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:31:*:*:*:*:*:*:*:

cpe:2.3:a:google:chrome:*:*:*:*:*:*:*:*:

cpe:2.3:a:google:chrome:*:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_desktop:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_server:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux_workstation:6.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
| --- | --- | --- |
| @RemotelyAlerts | Severity: ?? \| Type confusion in V8 in Google Chrome pr... \| CVE-2020-6383 \| Link for more: alerts.remotelyrmm.com/CVE-2020-6383 | 2022-03-31 18:29:14 |

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