

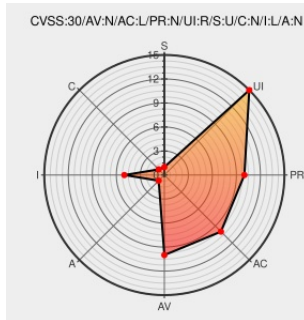


CVE-2016-5163

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CVE-2016-5163

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

The bidirectional-text implementation in Google Chrome before 53.0.2785.89 on Windows and OS X and before 53.0.2785.92 on Linux does not ensure left-to-right (LTR) rendering of URLs, which allows remote attackers to spoof the address bar via crafted right-to-left (RTL) Unicode text, related to omnibox/SuggestionView.java and omnibox/UrlBar.java in Chrome for Android.

CVE-2016-5163 has been assigned by [Google](#) security@google.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.3 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Chromium: Multiple vulnerabilities (GLSA 201610-09) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-201610-09

[security-announce] openSUSE-SU-2016:2250-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2016:2250
[security-announce] openSUSE-SU-2016:2296-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2016:2296
openSUSE-SU-2016:2349-1: moderate: Security update for opera	Third Party Advisory lists.opensuse.org text/html	 SUSE openSUSE-SU-2016:2349
Chrome Releases: Stable Channel Update for Desktop	Vendor Advisory googlechromereleases.blogspot.com text/html	 CONFIRM googlechromereleases.blogspot.com/2016/08/stable-channel-update-for-desktop_31.html
[security-announce] SUSE-SU-2016:2251-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2016:2251
Debian -- Security Information -- DSA-3660-1 chromium-browser	www.debian.org Deprecated Link text/html	 DEBIAN DSA-3660
Issue 1988553002: Android omnibox: Force paragraph direction to LTR. - Code Review	Issue Tracking codereview.chromium.org text/html	 CONFIRM codereview.chromium.org/1988553002
Google Chrome Multiple Flaws Lets Remote Users Bypass Security Restrictions, Conduct Cross-Site Scripting Attacks, Spoof URLs, and Execute Arbitrary Code - SecurityTracker	www.securitytracker.com text/html	 SECTRAK 1036729
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	 REDHAT RHSA-2016:1854
495933 - Security: RTL character + IP address = spoofed domain - chromium - Monorail	Issue Tracking crbug.com text/html	 MISC crbug.com/495933
Google Chrome Prior to 53.0.2785.89 Multiple Security Vulnerabilities	cve.report (archive) text/html	 BID 92717
609680 - Chrome For Android Address Bar Spoofing Issue Due To Mishandling Of RTL Characters - chromium - Monorail	Permissions Required crbug.com text/html	 CONFIRM crbug.com/609680

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Chrome	All	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All

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

cpe:2.3:o:opensuse:leap:42.1:*****:

cpe:2.3:o:opensuse:leap:42.1:*****:

No vendor comments have been submitted for this CVE

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