



CVE-2015-3148

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

Summary

CVE	CVE-2015-3148
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-04-24 14:59:00 UTC
Updated	2018-10-30 16:27:00 UTC
Description	cURL and libcurl 7.10.6 through 7.41.0 do not properly re-use authenticated Negotiate connections, which allows remote at

Risk And Classification

Problem Types: CWE-284

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Mac Os X	10.10.0	All	All	All
Operating System	Apple	Mac Os X	10.10.1	All	All	All
Operating System	Apple	Mac Os X	10.10.2	All	All	All
Operating System	Apple	Mac Os X	10.10.3	All	All	All
Operating System	Apple	Mac Os X	10.10.4	All	All	All
Operating System	Apple	Mac Os X	10.10.0	All	All	All
Operating System	Apple	Mac Os X	10.10.1	All	All	All
Operating System	Apple	Mac Os X	10.10.2	All	All	All
Operating System	Apple	Mac Os X	10.10.3	All	All	All
Operating System	Apple	Mac Os X	10.10.4	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.10	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.10	All	All	All

Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Fedoraproject	Fedora	21	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Operating System	Fedoraproject	Fedora	21	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Application	Haxx	Curl	7.10.6	All	All	All
Application	Haxx	Curl	7.10.7	All	All	All
Application	Haxx	Curl	7.10.8	All	All	All
Application	Haxx	Curl	7.11.0	All	All	All
Application	Haxx	Curl	7.11.1	All	All	All
Application	Haxx	Curl	7.11.2	All	All	All
Application	Haxx	Curl	7.12.0	All	All	All
Application	Haxx	Curl	7.12.1	All	All	All
Application	Haxx	Curl	7.12.2	All	All	All
Application	Haxx	Curl	7.12.3	All	All	All
Application	Haxx	Curl	7.13.0	All	All	All
Application	Haxx	Curl	7.13.1	All	All	All
Application	Haxx	Curl	7.13.2	All	All	All
Application	Haxx	Curl	7.14.0	All	All	All
Application	Haxx	Curl	7.14.1	All	All	All
Application	Haxx	Curl	7.15.0	All	All	All
Application	Haxx	Curl	7.15.1	All	All	All
Application	Haxx	Curl	7.15.2	All	All	All
Application	Haxx	Curl	7.15.3	All	All	All
Application	Haxx	Curl	7.15.4	All	All	All
Application	Haxx	Curl	7.15.5	All	All	All
Application	Haxx	Curl	7.16.0	All	All	All
Application	Haxx	Curl	7.16.1	All	All	All
Application	Haxx	Curl	7.16.2	All	All	All
Application	Haxx	Curl	7.16.3	All	All	All
Application	Haxx	Curl	7.16.4	All	All	All
Application	Haxx	Curl	7.17.0	All	All	All
Application	Haxx	Curl	7.17.1	All	All	All

Application	Haxx	Curl	7.18.0	All	All	All
Application	Haxx	Curl	7.18.1	All	All	All
Application	Haxx	Curl	7.18.2	All	All	All
Application	Haxx	Curl	7.19.0	All	All	All
Application	Haxx	Curl	7.19.1	All	All	All
Application	Haxx	Curl	7.19.2	All	All	All
Application	Haxx	Curl	7.19.3	All	All	All
Application	Haxx	Curl	7.19.4	All	All	All
Application	Haxx	Curl	7.19.5	All	All	All
Application	Haxx	Curl	7.19.6	All	All	All
Application	Haxx	Curl	7.19.7	All	All	All
Application	Haxx	Curl	7.20.0	All	All	All
Application	Haxx	Curl	7.20.1	All	All	All
Application	Haxx	Curl	7.21.0	All	All	All
Application	Haxx	Curl	7.21.1	All	All	All
Application	Haxx	Curl	7.21.2	All	All	All
Application	Haxx	Curl	7.21.3	All	All	All
Application	Haxx	Curl	7.21.4	All	All	All
Application	Haxx	Curl	7.21.5	All	All	All
Application	Haxx	Curl	7.21.6	All	All	All
Application	Haxx	Curl	7.21.7	All	All	All
Application	Haxx	Curl	7.22.0	All	All	All
Application	Haxx	Curl	7.23.0	All	All	All
Application	Haxx	Curl	7.23.1	All	All	All
Application	Haxx	Curl	7.24.0	All	All	All
Application	Haxx	Curl	7.25.0	All	All	All
Application	Haxx	Curl	7.26.0	All	All	All
Application	Haxx	Curl	7.27.0	All	All	All
Application	Haxx	Curl	7.28.0	All	All	All
Application	Haxx	Curl	7.28.1	All	All	All
Application	Haxx	Curl	7.29.0	All	All	All
Application	Haxx	Curl	7.30.0	All	All	All
Application	Haxx	Curl	7.31.0	All	All	All
Application	Haxx	Curl	7.32.0	All	All	All
Application	Haxx	Curl	7.33.0	All	All	All
Application	Haxx	Curl	7.34.0	All	All	All

Application	Haxx	Curl	7.34.0	All	All	All
Application	Haxx	Curl	7.35.0	All	All	All
Application	Haxx	Curl	7.36.0	All	All	All
Application	Haxx	Curl	7.37.0	All	All	All
Application	Haxx	Curl	7.37.1	All	All	All
Application	Haxx	Curl	7.38.0	All	All	All
Application	Haxx	Curl	7.39.0	All	All	All
Application	Haxx	Curl	7.40.0	All	All	All
Application	Haxx	Curl	7.41.0	All	All	All
Application	Haxx	Curl	7.10.6	All	All	All
Application	Haxx	Curl	7.10.7	All	All	All
Application	Haxx	Curl	7.10.8	All	All	All
Application	Haxx	Curl	7.11.0	All	All	All
Application	Haxx	Curl	7.11.1	All	All	All
Application	Haxx	Curl	7.11.2	All	All	All
Application	Haxx	Curl	7.12.0	All	All	All
Application	Haxx	Curl	7.12.1	All	All	All
Application	Haxx	Curl	7.12.2	All	All	All
Application	Haxx	Curl	7.12.3	All	All	All
Application	Haxx	Curl	7.13.0	All	All	All
Application	Haxx	Curl	7.13.1	All	All	All
Application	Haxx	Curl	7.13.2	All	All	All
Application	Haxx	Curl	7.14.0	All	All	All
Application	Haxx	Curl	7.14.1	All	All	All
Application	Haxx	Curl	7.15.0	All	All	All
Application	Haxx	Curl	7.15.1	All	All	All
Application	Haxx	Curl	7.15.2	All	All	All
Application	Haxx	Curl	7.15.3	All	All	All
Application	Haxx	Curl	7.15.4	All	All	All
Application	Haxx	Curl	7.15.5	All	All	All
Application	Haxx	Curl	7.16.0	All	All	All
Application	Haxx	Curl	7.16.1	All	All	All
Application	Haxx	Curl	7.16.2	All	All	All
Application	Haxx	Curl	7.16.3	All	All	All
Application	Haxx	Curl	7.16.4	All	All	All
Application	Haxx	Curl	7.17.0	All	All	All

Application	Haxx	Curl	7.17.1	All	All	All
Application	Haxx	Curl	7.18.0	All	All	All
Application	Haxx	Curl	7.18.1	All	All	All
Application	Haxx	Curl	7.18.2	All	All	All
Application	Haxx	Curl	7.19.0	All	All	All
Application	Haxx	Curl	7.19.1	All	All	All
Application	Haxx	Curl	7.19.2	All	All	All
Application	Haxx	Curl	7.19.3	All	All	All
Application	Haxx	Curl	7.19.4	All	All	All
Application	Haxx	Curl	7.19.5	All	All	All
Application	Haxx	Curl	7.19.6	All	All	All
Application	Haxx	Curl	7.19.7	All	All	All
Application	Haxx	Curl	7.20.0	All	All	All
Application	Haxx	Curl	7.20.1	All	All	All
Application	Haxx	Curl	7.21.0	All	All	All
Application	Haxx	Curl	7.21.1	All	All	All
Application	Haxx	Curl	7.21.2	All	All	All
Application	Haxx	Curl	7.21.3	All	All	All
Application	Haxx	Curl	7.21.4	All	All	All
Application	Haxx	Curl	7.21.5	All	All	All
Application	Haxx	Curl	7.21.6	All	All	All
Application	Haxx	Curl	7.21.7	All	All	All
Application	Haxx	Curl	7.22.0	All	All	All
Application	Haxx	Curl	7.23.0	All	All	All
Application	Haxx	Curl	7.23.1	All	All	All
Application	Haxx	Curl	7.24.0	All	All	All
Application	Haxx	Curl	7.25.0	All	All	All
Application	Haxx	Curl	7.26.0	All	All	All
Application	Haxx	Curl	7.27.0	All	All	All
Application	Haxx	Curl	7.28.0	All	All	All
Application	Haxx	Curl	7.28.1	All	All	All
Application	Haxx	Curl	7.29.0	All	All	All
Application	Haxx	Curl	7.30.0	All	All	All
Application	Haxx	Curl	7.31.0	All	All	All
Application	Haxx	Curl	7.32.0	All	All	All

Application	Haxx	Curl	7.33.0	All	All	All
Application	Haxx	Curl	7.34.0	All	All	All
Application	Haxx	Curl	7.35.0	All	All	All
Application	Haxx	Curl	7.36.0	All	All	All
Application	Haxx	Curl	7.37.0	All	All	All
Application	Haxx	Curl	7.37.1	All	All	All
Application	Haxx	Curl	7.38.0	All	All	All
Application	Haxx	Curl	7.39.0	All	All	All
Application	Haxx	Curl	7.40.0	All	All	All
Application	Haxx	Curl	7.41.0	All	All	All
Application	Haxx	Libcurl	7.10.6	All	All	All
Application	Haxx	Libcurl	7.10.7	All	All	All
Application	Haxx	Libcurl	7.10.8	All	All	All
Application	Haxx	Libcurl	7.11.0	All	All	All
Application	Haxx	Libcurl	7.11.1	All	All	All
Application	Haxx	Libcurl	7.11.2	All	All	All
Application	Haxx	Libcurl	7.12.0	All	All	All
Application	Haxx	Libcurl	7.12.1	All	All	All
Application	Haxx	Libcurl	7.12.2	All	All	All
Application	Haxx	Libcurl	7.12.3	All	All	All
Application	Haxx	Libcurl	7.13.0	All	All	All
Application	Haxx	Libcurl	7.13.1	All	All	All
Application	Haxx	Libcurl	7.13.2	All	All	All
Application	Haxx	Libcurl	7.14.0	All	All	All
Application	Haxx	Libcurl	7.14.1	All	All	All
Application	Haxx	Libcurl	7.15.0	All	All	All
Application	Haxx	Libcurl	7.15.1	All	All	All
Application	Haxx	Libcurl	7.15.2	All	All	All
Application	Haxx	Libcurl	7.15.3	All	All	All
Application	Haxx	Libcurl	7.15.4	All	All	All
Application	Haxx	Libcurl	7.15.5	All	All	All
Application	Haxx	Libcurl	7.16.0	All	All	All
Application	Haxx	Libcurl	7.16.1	All	All	All
Application	Haxx	Libcurl	7.16.2	All	All	All
Application	Haxx	Libcurl	7.16.3	All	All	All
Application	Haxx	Libcurl	7.16.4	All	All	All

Application	Haxx	Libcurl	7.16.4	All	All	All
Application	Haxx	Libcurl	7.17.0	All	All	All
Application	Haxx	Libcurl	7.17.1	All	All	All
Application	Haxx	Libcurl	7.18.0	All	All	All
Application	Haxx	Libcurl	7.18.1	All	All	All
Application	Haxx	Libcurl	7.18.2	All	All	All
Application	Haxx	Libcurl	7.19.0	All	All	All
Application	Haxx	Libcurl	7.19.1	All	All	All
Application	Haxx	Libcurl	7.19.2	All	All	All
Application	Haxx	Libcurl	7.19.3	All	All	All
Application	Haxx	Libcurl	7.19.4	All	All	All
Application	Haxx	Libcurl	7.19.5	All	All	All
Application	Haxx	Libcurl	7.19.6	All	All	All
Application	Haxx	Libcurl	7.19.7	All	All	All
Application	Haxx	Libcurl	7.20.0	All	All	All
Application	Haxx	Libcurl	7.20.1	All	All	All
Application	Haxx	Libcurl	7.21.0	All	All	All
Application	Haxx	Libcurl	7.21.1	All	All	All
Application	Haxx	Libcurl	7.21.2	All	All	All
Application	Haxx	Libcurl	7.21.3	All	All	All
Application	Haxx	Libcurl	7.21.4	All	All	All
Application	Haxx	Libcurl	7.21.5	All	All	All
Application	Haxx	Libcurl	7.21.6	All	All	All
Application	Haxx	Libcurl	7.21.7	All	All	All
Application	Haxx	Libcurl	7.22.0	All	All	All
Application	Haxx	Libcurl	7.23.0	All	All	All
Application	Haxx	Libcurl	7.23.1	All	All	All
Application	Haxx	Libcurl	7.24.0	All	All	All
Application	Haxx	Libcurl	7.25.0	All	All	All
Application	Haxx	Libcurl	7.26.0	All	All	All
Application	Haxx	Libcurl	7.27.0	All	All	All
Application	Haxx	Libcurl	7.28.0	All	All	All
Application	Haxx	Libcurl	7.28.1	All	All	All
Application	Haxx	Libcurl	7.29.0	All	All	All
Application	Haxx	Libcurl	7.30.0	All	All	All
Application	Haxx	Libcurl	7.31.0	All	All	All

Application	Haxx	Libcurl	7.32.0	All	All	All
Application	Haxx	Libcurl	7.33.0	All	All	All
Application	Haxx	Libcurl	7.34.0	All	All	All
Application	Haxx	Libcurl	7.35.0	All	All	All
Application	Haxx	Libcurl	7.36.0	All	All	All
Application	Haxx	Libcurl	7.37.0	All	All	All
Application	Haxx	Libcurl	7.37.1	All	All	All
Application	Haxx	Libcurl	7.38.0	All	All	All
Application	Haxx	Libcurl	7.39	All	All	All
Application	Haxx	Libcurl	7.40.0	All	All	All
Application	Haxx	Libcurl	7.41.0	All	All	All
Application	Haxx	Libcurl	7.10.6	All	All	All
Application	Haxx	Libcurl	7.10.7	All	All	All
Application	Haxx	Libcurl	7.10.8	All	All	All
Application	Haxx	Libcurl	7.11.0	All	All	All
Application	Haxx	Libcurl	7.11.1	All	All	All
Application	Haxx	Libcurl	7.11.2	All	All	All
Application	Haxx	Libcurl	7.12.0	All	All	All
Application	Haxx	Libcurl	7.12.1	All	All	All
Application	Haxx	Libcurl	7.12.2	All	All	All
Application	Haxx	Libcurl	7.12.3	All	All	All
Application	Haxx	Libcurl	7.13.0	All	All	All
Application	Haxx	Libcurl	7.13.1	All	All	All
Application	Haxx	Libcurl	7.13.2	All	All	All
Application	Haxx	Libcurl	7.14.0	All	All	All
Application	Haxx	Libcurl	7.14.1	All	All	All
Application	Haxx	Libcurl	7.15.0	All	All	All
Application	Haxx	Libcurl	7.15.1	All	All	All
Application	Haxx	Libcurl	7.15.2	All	All	All
Application	Haxx	Libcurl	7.15.3	All	All	All
Application	Haxx	Libcurl	7.15.4	All	All	All
Application	Haxx	Libcurl	7.15.5	All	All	All
Application	Haxx	Libcurl	7.16.0	All	All	All
Application	Haxx	Libcurl	7.16.1	All	All	All
Application	Haxx	Libcurl	7.16.2	All	All	All

Application	Haxx	Libcurl	7.16.3	All	All	All
Application	Haxx	Libcurl	7.16.4	All	All	All
Application	Haxx	Libcurl	7.17.0	All	All	All
Application	Haxx	Libcurl	7.17.1	All	All	All
Application	Haxx	Libcurl	7.18.0	All	All	All
Application	Haxx	Libcurl	7.18.1	All	All	All
Application	Haxx	Libcurl	7.18.2	All	All	All
Application	Haxx	Libcurl	7.19.0	All	All	All
Application	Haxx	Libcurl	7.19.1	All	All	All
Application	Haxx	Libcurl	7.19.2	All	All	All
Application	Haxx	Libcurl	7.19.3	All	All	All
Application	Haxx	Libcurl	7.19.4	All	All	All
Application	Haxx	Libcurl	7.19.5	All	All	All
Application	Haxx	Libcurl	7.19.6	All	All	All
Application	Haxx	Libcurl	7.19.7	All	All	All
Application	Haxx	Libcurl	7.20.0	All	All	All
Application	Haxx	Libcurl	7.20.1	All	All	All
Application	Haxx	Libcurl	7.21.0	All	All	All
Application	Haxx	Libcurl	7.21.1	All	All	All
Application	Haxx	Libcurl	7.21.2	All	All	All
Application	Haxx	Libcurl	7.21.3	All	All	All
Application	Haxx	Libcurl	7.21.4	All	All	All
Application	Haxx	Libcurl	7.21.5	All	All	All
Application	Haxx	Libcurl	7.21.6	All	All	All
Application	Haxx	Libcurl	7.21.7	All	All	All
Application	Haxx	Libcurl	7.22.0	All	All	All
Application	Haxx	Libcurl	7.23.0	All	All	All
Application	Haxx	Libcurl	7.23.1	All	All	All
Application	Haxx	Libcurl	7.24.0	All	All	All
Application	Haxx	Libcurl	7.25.0	All	All	All
Application	Haxx	Libcurl	7.26.0	All	All	All
Application	Haxx	Libcurl	7.27.0	All	All	All
Application	Haxx	Libcurl	7.28.0	All	All	All
Application	Haxx	Libcurl	7.28.1	All	All	All
Application	Haxx	Libcurl	7.29.0	All	All	All
Application	Haxx	Libcurl	7.30.0	All	All	All

Application	Haxx	Libcurl	7.30.0	All	All	All
Application	Haxx	Libcurl	7.31.0	All	All	All
Application	Haxx	Libcurl	7.32.0	All	All	All
Application	Haxx	Libcurl	7.33.0	All	All	All
Application	Haxx	Libcurl	7.34.0	All	All	All
Application	Haxx	Libcurl	7.35.0	All	All	All
Application	Haxx	Libcurl	7.36.0	All	All	All
Application	Haxx	Libcurl	7.37.0	All	All	All
Application	Haxx	Libcurl	7.37.1	All	All	All
Application	Haxx	Libcurl	7.38.0	All	All	All
Application	Haxx	Libcurl	7.39	All	All	All
Application	Haxx	Libcurl	7.40.0	All	All	All
Application	Haxx	Libcurl	7.41.0	All	All	All
Application	Hp	System Management Homepage	All	All	All	All
Operating System	Opensuse	Opensuse	13.1	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All
Operating System	Opensuse	Opensuse	13.1	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All

References						
Reference				Source	Link	
[SECURITY] Fedora 22 Update: mingw-curl-7.42.0-1.fc22				FEDORA	lists.f	
[SECURITY] Fedora 22 Update: curl-7.40.0-3.fc22				FEDORA	lists.f	
USN-2591-1: curl vulnerabilities Ubuntu				UBUNTU	www.	
Support / Security / Advisories // MDVSA-2015:220 Mandriva				MANDRIVA	www.	
Mageia Advisory: MGASA-2015-0179 - Updated curl packages fix security vulnerabilities				CONFIRM	advis	
Gentoo Security				GENTOO	secur	
2016-04 Security Bulletin: Junos: Multiple vulnerabilities in cURL and libcurl - Juniper Networks				CONFIRM	kb.jun	
About the security content of OS X Yosemite v10.10.5 and Security Update 2015-006 - Apple Support				CONFIRM	supp	
Document Display HPE Support Center				CONFIRM	h205	
[SECURITY] Fedora 21 Update: curl-7.37.0-14.fc21				FEDORA	lists.f	
openSUSE-SU-2015:0799-1: moderate: Security update for curl				SUSE	lists.c	
[SECURITY] Fedora 20 Update: curl-7.32.0-20.fc20				FEDORA	lists.f	
cURL/libcURL CVE-2015-3148 Remote Security Bypass Vulnerability				BID	www.	
Red Hat Customer Portal				REDHAT	rhn.re	
Oracle Linux Bulletin - October 2015				CONFIRM	www.	

[SECURITY] Fedora 21 Update: mingw-curl-7.42.0-1.fc21	FEDORA	lists.f
'[security bulletin] HPSBHF03544 rev.1 - HPE iMC PLAT and other HP and H3C products using Comware 7 a' - MARC	HP	marc
APPLE-SA-2015-08-13-2 OS X Yosemite v10.10.5 and Security Update 2015-006	APPLE	lists.e
Support / Security / Advisories / / MDVSA-2015:219 Mandriva	MANDRIVA	www.
libcurl Bugs Let Remote Users Deny Service and Execute Arbitrary Code - SecurityTracker	SECTrack	www.
Debian -- Security Information -- DSA-3232-1 curl	DEBIAN	www.
cURL - Negotiate not treated as connection-oriented	CONFIRM	curl.h
Oracle Solaris Bulletin - January 2016	CONFIRM	www.
CVE Program record	CVE.ORG	www.
NVD vulnerability detail	NVD	nvd.n



No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)