CVE-2022-27780

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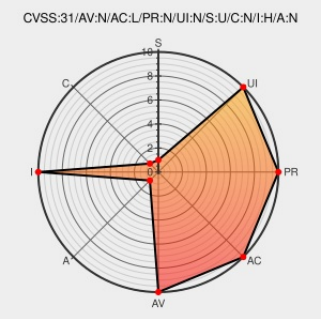
Source: Mitre | Source: Nist | Print: PDF



Certain versions of Curl from Haxx contain the following vulnerability:

The curl URL parser wrongly accepts percent-encoded URL separators like '/'when decoding the host name part of a URL, making it a *different* URL usingthe wrong host name when it is later retrieved.For example, a URL like `http://example.com%2F127.0.0.1/`, would be allowed bythe parser and get transposed into `http://example.com/127.0.0.1/`. This flawcan be used to circumvent filters, checks and more.

CVE-2022-27780 has been assigned by support@hackerone.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
June 2022 Libcurl Vulnerabilities in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20220609-0009/

HackerOne	hackerone.com text/html	MISC hackerone.com/reports/1553841

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Related QID Numbers

198780 Ubuntu Security Notification for curl Vulnerabilities (USN-5412-1)

282696 Fedora Security Update for curl (FEDORA-2022-d15a736748)

502213 Alpine Linux Security Update for curl

502408 Alpine Linux Security Update for curl

690868 Free Berkeley Software Distribution (FreeBSD) Security Update for curl (11e36890-d28c-11ec-a06f-d4c9ef517024)

902169 Common Base Linux Mariner (CBL-Mariner) Security Update for curl (9895)

902174 Common Base Linux Mariner (CBL-Mariner) Security Update for curl (9909)

902387 Common Base Linux Mariner (CBL-Mariner) Security Update for curl (9909-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Haxx	Curl	All	All	All	All

cpe:2.3:a:haxx:curl:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@bagder	CVE-2022-27778: removes wrong file on error CVE-2022-27779: cookie for trailing dot TLD CVE-2022-27780: percent-enc… twitter.com/i/web/status/1…	2022-05-11 06:44:32
@sidfm_jp	cURL に URL の解釈を誤る問題 (CVE-2022-27780) [42170] sid.softek.jp/content/show/4… #SIDfm #脆弱性情報	2022-05-12 08:00:06
@CVEreport	cve.report/CVE-2022-27780 The curl URL parser wrongly accepts percent-encoded URL separators like '/'when decoding t… twitter.com/i/web/status/1…	2022-06-02 16:36:01
@LinInfoSec	Curl - CVE-2022-27780: hackerone.com/reports/1553841	2022-06-02 17:00:13
/r/opnsense	already curl-7.83.0 is vulnerable:	2022-05-13 21:52:27

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