



CVE-2017-8817

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

Summary

CVE	CVE-2017-8817
State	PUBLISHED
Assigner	debian
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-11-29 18:29:00 UTC
Updated	2026-04-15 21:16:58 UTC
Description	The FTP wildcard function in curl and libcurl before 7.57.0 allows remote attackers to cause a denial of service (out-of-bound

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from ADP

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.008520000 probability, percentile 0.749430000 (date 2026-04-15)

Problem Types: CWE-125 | out-of-bounds read | CWE-125 CWE-125 Out-of-bounds Read

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Haxx	Curl	All	All	All	All
Application	Haxx	Libcurl	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	Curl And Libcurl Before 7.57.0	affected curl and libcurl before 7.57.0	Not specified

References

Reference

[Debian -- Security Information -- DSA-4051-1 curl](#)

[\[SECURITY\] \[DLA 1195-1\] curl security update](#)

[Red Hat Customer Portal](#)

[CLD-162 Details](#)

[cURL/libcURL CVE-2017-8817 Memory Corruption Vulnerability](#)

[libcurl Out-of-Bounds Memory Read Error in FTP Wildcard Function Lets Remote Users Redirect the Target Client to an Arbitrary Site - Security](#)

[curl - FTP wildcard out of bounds read](#)

[cURL: Multiple vulnerabilities \(GLSA 201712-04\) — Gentoo security](#)

[CVE Program record](#)

[NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[500121](#) Alpine Linux Security Update for curl

[503776](#) Alpine Linux Security Update for curl

[710458](#) Gentoo Linux cURL Multiple Vulnerabilities (GLSA 201712-04)

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