CVE-2016-7167

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-7167
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-07 14:59:08 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Multiple integer overflows in the (1) curl_escape, (2) curl_easy_escape, (3) curl_unescape, and (4) curl_easy_unescape fur

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

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

EPSS: 0.022570000 probability, percentile 0.847080000 (date 2026-05-07)

Problem Types: CWE-190 | n/a

Version	Source	Type	Score	Severity	Vector
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 v3.0 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	Fedoraproject	Fedora	23	All	All	All
Operating System	Fedoraproject	Fedora	24	All	All	All
Operating System	Fedoraproject	Fedora	25	All	All	All
Application	Haxx	Libcurl	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
CPU Oct 2018	af854a3a-2127
[SECURITY] [DLA 1568-1] curl security update	af854a3a-2127
Red Hat Customer Portal	af854a3a-2127
[SECURITY] Fedora 24 Update: curl-7.47.1-8.fc24 - package-announce - Fedora Mailing-Lists	af854a3a-2127
Red Hat Customer Portal	af854a3a-2127
Red Hat Customer Portal	af854a3a-2127

curl - curl escape and unescape integer overflows	af854a3a-2127
curl/libcURL CVE-2016-7167 Multiple Integer Overflow Vulnerabilities	af854a3a-2127
libcurl Integer Overflow in Escape Functions May Let Users Execute Arbitrary Code on the Target System - SecurityTracker	af854a3a-2127
[SECURITY] Fedora 25 Update: curl-7.50.3-1.fc25 - package-announce - Fedora Mailing-Lists	af854a3a-2127
[SECURITY] Fedora 23 Update: curl-7.43.0-10.fc23 - package-announce - Fedora Mailing-Lists	af854a3a-2127
cURL: Multiple vulnerabilities (GLSA 201701-47) — Gentoo security	af854a3a-2127
The Slackware Linux Project: Slackware Security Advisories	af854a3a-2127
[SECURITY] Fedora 25 Update: curl-7.50.3-1.fc25 - package-announce - Fedora Mailing-Lists	MITRE
[SECURITY] Fedora 24 Update: curl-7.47.1-8.fc24 - package-announce - Fedora Mailing-Lists	MITRE
[SECURITY] Fedora 23 Update: curl-7.43.0-10.fc23 - package-announce - Fedora Mailing-Lists	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 500113 Alpine Linux Security Update for curl
- 503768 Alpine Linux Security Update for curl
- 710385 Gentoo Linux cURL Multiple Vulnerabilities (GLSA 201701-47)