



CVE-2016-5301

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

Summary

CVE	CVE-2016-5301
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-06-30 17:59:09 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The parse_chunk_header function in libtorrent before 1.1.1 allows remote attackers to cause a denial of service (crash) via

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

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

Problem Types: CWE-20 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Arvidn	Libtorrent	All	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
Libtorrent crashes while parsing invalid chunked HTTP or UPnP response · Issue #780 · arvidn/libtorrent · GitHub	af854a3a-2127-422b-91a
openSUSE-SU-2016:1683-1: moderate: Security update for libtorrent-raster	af854a3a-2127-422b-91a
openSUSE-SU-2016:1635-1: moderate: Security update for libtorrent-raster	af854a3a-2127-422b-91a
openSUSE-SU-2016:2283-1: moderate: Recommended update for libtorrent-ras	af854a3a-2127-422b-91a
fixed crash on invalid input in http_parser by arvidn · Pull Request #782 · arvidn/libtorrent · GitHub	af854a3a-2127-422b-91a
oss-security - Libtorrent http_parser.cpp denial of service	af854a3a-2127-422b-91a
Libtorrent CVE-2016-5301 Denial of Service Vulnerability	af854a3a-2127-422b-91a
oss-security - Re: Libtorrent http_parser.cpp denial of service	af854a3a-2127-422b-91a

CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
No vendor comments have been submitted for this CVE.	
There are currently no legacy QID mappings associated with this CVE.	

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