



CVE-2017-8311

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2017-8311
State	PUBLISHED
Assigner	checkpoint
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-05-23 21:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Potential heap based buffer overflow in ParseJSS in VideoLAN VLC before 2.2.5 due to skipping NULL terminator in an inp

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-119 | Allows attacker to execute arbitrary code.

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.8		AV:N/AC:M/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown	
Attack Vector	Local
Attack Complexity	Low
Privileges Required	None
User Interaction	Required
Scope	Unchanged
Confidentiality	High
Integrity	High
Availability	

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Videolan	Vlc Media Player	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	VideoLAN	VLC	affected <2.2.5	Not specified

References

Reference	Source
git.videolan.org Git - vlc.git/commitdiff	af854a3a-2127-422b-91ae-...
VideoLAN VLC CVE-2017-8311 Heap Based Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-...
VLC: Multiple vulnerabilities (GLSA 201707-10) — Gentoo security	af854a3a-2127-422b-91ae-...
Debian -- Security Information -- DSA-3899-1 vlc	af854a3a-2127-422b-91ae-...
VLC Media Player/Kodi/PopcornTime 'Red Chimera' < 2.2.5 - Memory Corruption (PoC) - Windows dos Exploit	af854a3a-2127-422b-91ae-...
git.videolan.org Git - vlc.git/commitdiff	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[710428](#) Gentoo Linux VLC Multiple Vulnerabilities (GLSA 201707-10)

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