



CVE-2017-12634

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

Summary

CVE	CVE-2017-12634
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-11-15 15:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The camel-castor component in Apache Camel 2.x before 2.19.4 and 2.20.x before 2.20.1 is vulnerable to Java object de-s

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: 0.064810000 probability, percentile 0.911770000 (date 2026-05-13)

Problem Types: CWE-502 | Apache Camel's Castor unmarshalling operation is vulnerable to Remote Code Execution attacks

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

ntegrity

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

ntegrity

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
Application	Apache	Camel	All	All	All	All
Application	Apache	Camel	2.20.0	All	All	All

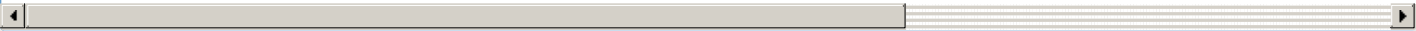
Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Apache Software Foundation	Apache Camel	affected 2.19.0 to 2.19.3
CNA	Apache Software Foundation	Apache Camel	affected 2.20.0
CNA	Apache Software Foundation	Apache Camel	affected The unsupported Camel 2.x (2.18 and earlier) versions may be also affect

References

Reference	Source	Link
[CAMEL-11929] camel-castor - Add more configuration - ASF JIRA	af854a3a-2127-422b-91ae-364da2661108	issues.a
Pony Mail!	af854a3a-2127-422b-91ae-364da2661108	lists.ap
Pony Mail!	af854a3a-2127-422b-91ae-364da2661108	lists.ap
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	access.

camel.apache.org/security-advisories.data/CVE-2017-12634.txt.asc	af854a3a-2127-422b-91ae-364da2661108	camel.a
Apache Camel CVE-2017-12634 Deserialization Remote Code Execution Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.se
Pony Mail!	MITRE	lists.apa
Pony Mail!	MITRE	lists.apa
CVE Program record	CVE.ORG	www.cv
NVD vulnerability detail	NVD	nvd.nist



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

980844 Java (maven) Security Update for org.apache.camel:camel-castor (GHSA-vf4q-8mr7-5c5c)