



Apache Log4j Core: Silent log event loss in XmlLayout due to unescaped XML 1.0 forbidden characters

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

Summary

CVE	CVE-2026-34480
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-10 16:16:31 UTC
Updated	2026-04-10 17:17:02 UTC
Description	Apache Log4j Core's XmlLayout https://logging.apache.org/log4j/2.x/manual/layouts.html#XmlLayout , in versions up to and

Risk And Classification

Primary CVSS: v4.0 6.9 MEDIUM from security@apache.org

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:N/SC:N/SI:L/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-116 | CWE-116 CWE-116 Improper Encoding or Escaping of Output

Version	Source	Type	Score	Severity	Vector
4.0	security@apache.org	Secondary	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:N/SC:N/SI:L/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:N/SC:N/SI:L/SA:N

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

Low

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:N/SC:N/SI:L/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apache Software Foundation	Apache Log4j Core	affected 2.0-alpha1 2.25.4 maven	Not specified
CNA	Apache Software Foundation	Apache Log4j Core	affected 3.0.0-alpha1 3.0.0-beta3 maven	Not specified

References

Reference	Source	Link	Tags
www.openwall.com/lists/oss-security/2026/04/10/9	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	
logging.apache.org/log4j/2.x/manual/layouts.html	security@apache.org	logging.apache.org	
github.com/apache/logging-log4j2/pull/4077	security@apache.org	github.com	
logging.apache.org/cyclonedx/vdr.xml	security@apache.org	logging.apache.org	
logging.apache.org/security.html	security@apache.org	logging.apache.org	
lists.apache.org/thread/5x0hcnng0chhghp6jgjdj3qmbbhfjzhb	security@apache.org	lists.apache.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,

Vendor Comments And Credit

Discovery Credit

CNA: Ap4sh (Samy Medjahed) and Ethicxz (Eliott Laurie) (original reporters) (en)

CNA: jabaltarik1 (independently) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-02-16T17:11:00.000Z	Vulnerability reported by Ap4sh and ethicxz

CNA	2026-03-10T20:15:00.000Z	Candidate patch shared internally by Piotr P. Karwasz
CNA	2026-03-15T05:39:00.000Z	Independent report received from jabaltarik1
CNA	2026-03-24T18:52:00.000Z	Fix shared publicly by Piotr P. Karwasz as pull request #4077
CNA	2026-03-25T09:46:00.000Z	Fix verified by reporter
CNA	2026-03-28T11:19:00.000Z	Log4j 2.25.4 released

There are currently no legacy QID mappings associated with this CVE.

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