Apache Camel: CoAP URI Query Parameter to Exchange Header Injection in camel-coap Allows Single-Packet Pre-Auth Remote Code Execution

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

Summary

CVE	CVE-2026-33453
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-27 11:16:01 UTC
Updated	2026-04-27 15:16:19 UTC
Description	Improperly Controlled Modification of Dynamically-Determined Object Attributes vulnerability in Apache Camel Camel-Coap

Risk And Classification

Primary CVSS: v3.1 10 CRITICAL from ADP

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H

Problem Types: CWE-915 | CWE-915 CWE-915 Improperly Controlled Modification of Dynamically-Determined Object Attributes

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	10	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	10	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Changed

Confidentiality

High

ntegrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apache Software Foundation	Apache Camel	affected 4.14.0 4.14.5 semver	Not specified
CNA	Apache Software Foundation	Apache Camel	affected 4.18.0 4.18.1 semver	Not specified
CNA	Apache Software Foundation	Apache Camel	affected 4.19.0 semver	Not specified

References

Reference	Source	Link	Tags
camel.apache.org/security/CVE-2026-33453.html	security@apache.org	camel.apache.org	
www.openwall.com/lists/oss-security/2026/04/26/3	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Hyunwoo Kim (@v4bel) (en)

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