



Apache NiFi: Missing Execute Code Required Permission on TinkerpopClientService

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

Summary

CVE	CVE-2026-39816
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-08 14:16:32 UTC
Updated	2026-05-09 02:16:07 UTC
Description	The optional extension component TinkerpopClientService is missing the Restricted annotation with the Execute Code Req

Risk And Classification

Primary CVSS: v4.0 7.5 HIGH from security@apache.org

CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/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:Y/R:IV:C/RE:L/U:Green

Problem Types: CWE-862 | CWE-862 CWE-862 Missing Authorization

Version	Source	Type	Score	Severity	Vector
4.0	security@apache.org	Secondary	7.5	HIGH	CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/E:X/
4.0	CNA	CVSS	7.5	HIGH	CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/AU:Y
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

Low

Sub Integrity

Low

Sub Availability

Low

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

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Nifi	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
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CNA	Apache Software Foundation	Apache NiFi	affected 2.0.0-M1 2.8.0 semver	Not specified
References				
Reference	Source	Link	Tags	
zeropath.com/blog/nifi-cve-2026-39816-privesc-rce	af854a3a-2127-422b-91ae-364da2661108	zeropath.com		
www.openwall.com/lists/oss-security/2026/04/13/8	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	Mailing List,	
lists.apache.org/thread/gh9g7xwvv4l20gzff6q3367snf35ctcb	security@apache.org	lists.apache.org	Mailing List,	
CVE Program record	CVE.ORG	www.cve.org	canonical	
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a	
Vendor Comments And Credit				
Discovery Credit				
CNA: John Walker from ZeroPath (en)				
Additional Advisory Data				
Source	Time	Event		
CNA	2026-04-03T12:00:00.000Z	reported		
CNA	2026-04-06T12:00:00.000Z	patched		
There are currently no legacy QID mappings associated with this CVE.				

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