



Improper Restriction of XML External Entity Reference vulnerability in RTI Connex Professional (Routing Service, Observability Collector, Recording Service, Queueing Service, Cloud Discovery Service) allows Serialized Data External Linking, Data Serializat...

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

Summary

CVE	CVE-2026-4374
State	PUBLISHED
Assigner	RTI
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-01 02:16:03 UTC
Updated	2026-04-01 14:23:37 UTC
Description	Improper Restriction of XML External Entity Reference vulnerability in RTI Connex Professional (Routing Service, Observat

Risk And Classification

Primary CVSS: v4.0 8.8 HIGH from 3f572a00-62e2-4423-959a-7ea25eff1638

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/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

EPSS: 0.000370000 probability, percentile 0.109460000 (date 2026-04-01)

Problem Types: CWE-611 | CWE-611 CWE-611 Improper Restriction of XML External Entity Reference

Version	Source	Type	Score	Severity	Vector
4.0	3f572a00-62e2-4423-959a-7ea25eff1638	Secondary	8.8	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/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	8.8	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/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	7	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/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

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexitv

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/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	RTI	Connext Professional	affected 7.4.0 7.7.0 custom	Not specified
CNA	RTI	Connext Professional	affected 7.1.0 7.3.1.1 custom	Not specified
CNA	RTI	Connext Professional	affected 6.1.0 6.1.* custom	Not specified
CNA	RTI	Connext Professional	affected 6.0.0 6.0.* custom	Not specified
CNA	RTI	Connext Professional	affected 5.3.0 5.3.* custom	Not specified

References

Reference	Source	Link	Tags
www.rti.com/vulnerabilities	3f572a00-62e2-4423-959a-7ea25eff1638	www.rti.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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