CVE-2022-44749

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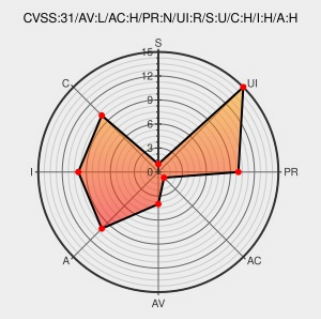

Certain versions of Knime Analytics Platform from Knime contain the following vulnerability:

A directory traversal vulnerability in the ZIP archive extraction routines of KNIME Analytics Platform 3.2.0 and above can result in arbitrary files being overwritten on the user's system. This vulnerability is also known as 'Zip-Slip'. An attacker can create a KNIME workflow that, when being opened by a user, can overwrite arbitrary files that the user has write access to. It's not necessary to execute the workflow, opening the workflow is sufficient. The user will notice that something is wrong because an error is being reported but only after the files have already been written. This can impact data integrity (file contents are changed) or cause errors in other software (vital files being corrupted). It can even lead to remote code execution if executable files are being replaced and subsequently executed by the user. In all cases the attacker has to know the location of files on the user's system, though.

CVE-2022-44749 has been assigned by security@knime.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **KNIME** - **KNIME Analytics Platform** version **= 4.5.0**

Affected Vendor/Software: **KNIME** - **KNIME Analytics Platform** version **= 4.6.0**

Affected Vendor/Software: **KNIME** - **KNIME Analytics Platform** version **= 3.2.0**

CVSS3 Score: 7 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	HIGH	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Security Advisories | KNIME	www.knime.com text/html	MISC www.knime.com/security/advisories

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Knime	Knime Analytics Platform	All	All	All	All

cpe:2.3:a:knime:knime_analytics_platform:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-44749 : A directory traversal vulnerability in the ZIP archive extraction routines of KNIME Analytics Plat… twitter.com/i/web/status/1…	2022-11-24 07:07:24
/r/netcve	CVE-2022-44749	2022-11-24 08:38:39

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