



# apko dirFS has a symlink-following path traversal that allows multiple entry points to escape the build root

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

## Summary

<b>CVE</b>	CVE-2026-42574
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-09 20:16:29 UTC
<b>Updated</b>	2026-05-09 20:16:29 UTC
<b>Description</b>	apko allows users to build and publish OCI container images built from apk packages. From version 0.14.8 to before version

## Risk And Classification

**Primary CVSS:** v3.1 7.5 HIGH from security-advisories@github.com

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

**Problem Types:** CWE-22 | CWE-59 | CWE-22 CWE-22: Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal') | CWE-59 CWE-59: Improper Link Resolution Before File Access ('Link Following')

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

Availability

None

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Chainguard-dev</a>	<a href="#">Apko</a>	affected >= 0.14.8, < 1.2.5	Not specified

### References

Reference	Source	Link	Tag
<a href="https://github.com/chainguard-dev/apko/commit/f5a96e1299ac81c7ea9441705ec4676880...">github.com/chainguard-dev/apko/commit/f5a96e1299ac81c7ea9441705ec4676880...</a>	security-advisories@github.com	<a href="#">github.com</a>	
<a href="https://github.com/chainguard-dev/apko/security/advisories/GHSA-qq3r-w4hj-gjp6">github.com/chainguard-dev/apko/security/advisories/GHSA-qq3r-w4hj-gjp6</a>	security-advisories@github.com	<a href="#">github.com</a>	
<a href="https://github.com/chainguard-dev/apko/pull/2187">github.com/chainguard-dev/apko/pull/2187</a>	security-advisories@github.com	<a href="#">github.com</a>	
<a href="https://github.com/chainguard-dev/apko/releases/tag/v1.2.5">github.com/chainguard-dev/apko/releases/tag/v1.2.5</a>	security-advisories@github.com	<a href="#">github.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	can
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	can

No vendor comments have been submitted for this CVE.

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

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