

Report generated at: 2025-03-14T11:24:47.080Z

Risk Summary

Trivy Results

Target: docker.io/library/alpine:3.10 (alpine 3.10.9)

Class: os-pkgsType: alpine

Vulnerability: CVE-2021-36159

Package: apk-tools (2.10.6-r0)

Fixed Version: 2.10.7-r0

Severity: CRITICAL

- Description: libfetch before 2021-07-26, as used in apk-tools, xbps, and other products, mishandles numeric strings for the FTP and HTTP protocols. The FTP passive mode implementation allows an out-of-bounds read because strtol is used to parse the relevant numbers into address bytes. It does not check if the line ends prematurely. If it does, the for-loop condition checks for the '\0' terminator one byte too late.
- · References:
 - https://access.redhat.com/security/cve/CVE-2021-36159
 - https://github.com/freebsd/freebsd-src/commits/main/lib/libfetch
 - https://gitlab.alpinelinux.org/alpine/apk-tools/-/issues/10749
 - $\bullet \underline{ \text{https://lists.apache.org/thread.html/r61db8e7dcb56dc000a5387a88f7a473bacec5ee01b9ff3f553} } \underline{ 08aacc\%40\%3Cdev.kafka.apache.org\%3E}$

- https://lists.apache.org/thread.html/r61db8e7dcb56dc000a5387a88f7a473bacec5ee01b9ff3f553 08aacc%40%3Cusers.kafka.apache.org%3E
- https://lists.apache.org/thread.html/rbf4ce74b0d1fa9810dec50ba3ace0caeea677af7c27a97111c0 6ccb7%40%3Cdev.kafka.apache.org%3E
- https://lists.apache.org/thread.html/rbf4ce74b0d1fa9810dec50ba3ace0caeea677af7c27a97111c0 6ccb7%40%3Cusers.kafka.apache.org%3E
- https://nvd.nist.gov/vuln/detail/CVE-2021-36159
- https://www.cve.org/CVERecord?id=CVE-2021-36159

Checkov Summary

Passed checks: 38
Failed checks: 52
Skipped checks: 0
Parsing errors: 0

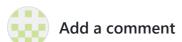
Recommended Actions

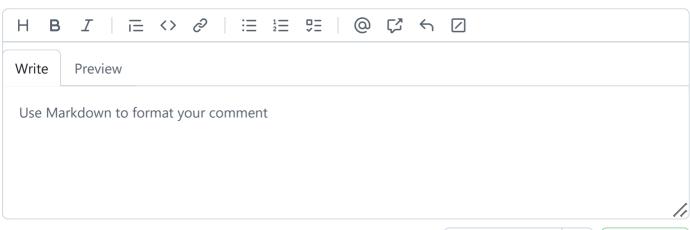
- Update vulnerable dependencies.
- Apply available patches or workarounds.\n\nCheckov Summary:

Passed checks: 38 Failed checks: 52 Skipped checks: 0 Parsing errors: 0

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Metadata **(2) Assignees** No one - Assign yourself Labels **(જ)** security **193** Туре No type **Projects (3)** No projects Milestone **(b)** No milestone Relationships **193** None yet **(2)** Development Create a branch for this issue or link a pull request. Notifications Customize Subscribe You're not receiving notifications from this thread. **Participants** No participants → Transfer issue Lock conversation

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