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New issue



# Security advisory: Critical vulnerabilities discovered #113

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security



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Security advisory: Critical vulnerabilities discovered #113



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-pkgs
- Type: 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>
  - <https://lists.apache.org/thread.html/r61db8e7dcb56dc000a5387a88f7a473bacec5ee01b9ff3f55308aacc%40%3Cdev.kafka.apache.org%3E>

- <https://lists.apache.org/thread.html/r61db8e7dcb56dc000a5387a88f7a473bacec5ee01b9ff3f55308aacc%40%3Cusers.kafka.apache.org%3E>
- <https://lists.apache.org/thread.html/rbf4ce74b0d1fa9810dec50ba3ace0caeea677af7c27a97111c06ccb7%40%3Cdev.kafka.apache.org%3E>
- <https://lists.apache.org/thread.html/rbf4ce74b0d1fa9810dec50ba3ace0caeea677af7c27a97111c06ccb7%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.
- Checkov Summary:  
Passed checks: 38  
Failed checks: 52  
Skipped checks: 0  
Parsing errors: 0

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