# CVE Detail – CVE-2019-10743

All versions of archiver allow attacker to perform a Zip Slip attack via the "unarchive" functions. It is exploited using a specially crafted zip archive, that holds path traversal filenames. When exploited, a filename in a malicious archive is concatenated to the target extraction directory, which results in the final path ending up outside of the target folder. For instance, a zip may hold a file with a "../../file.exe" location and thus break out of the target folder. If an executable or a configuration file is overwritten with a file containing malicious code, the problem can turn into an arbitrary code execution issue quite easily.

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.78747

## CVSS Scoring

CVSS v3.1 Score: 5.5

Severity: MEDIUM

## Mapped CWE(s)

* CWE-22: Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal')

## CAPEC(s)

* CAPEC-126: Path Traversal
* CAPEC-64: Using Slashes and URL Encoding Combined to Bypass Validation Logic
* CAPEC-76: Manipulating Web Input to File System Calls
* CAPEC-78: Using Escaped Slashes in Alternate Encoding
* CAPEC-79: Using Slashes in Alternate Encoding

## Affected Products

* cpe:2.3:a:archiver\_project:archiver:\*:\*:\*:\*:\*:\*:\*:\*