CVE-2021-32840

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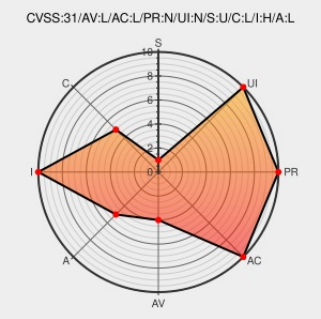
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Sharpziplib from Sharpziplib Project contain the following vulnerability:

SharpZipLib (or #ziplib) is a Zip, GZip, Tar and BZip2 library. Prior to version 1.3.3, a TAR file entry `../evil.txt` may be extracted in the parent directory of `destFolder`. This leads to arbitrary file write that may lead to code execution. The vulnerability was patched in version 1.3.3.

CVE-2021-32840 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **icsharpcode** - **sharpziplib** version **< 1.3.3**

Affected Vendor/Software: **icsharpcode** - **sharpziplib** version **>= 0.86.0**

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

test: add tests for tar path traversal · icsharpcode/SharpZipLib@a0e96de · GitHub	github.com text/html	MISC github.com/icsharpcode/SharpZipLib/commit/a0e96de70b5264f4c919b09253b1
Release v1.3.3 · icsharpcode/SharpZipLib · GitHub	github.com text/html	MISC github.com/icsharpcode/SharpZipLib/releases/tag/v1.3.3
GHSL-2021-125: Path traversal in SharpZipLib - CVE-2021-32840, CVE-2021-32841, CVE-2021-32842 | GitHub Security Lab	securitylab.github.com text/html	CONFIRM securitylab.github.com/advisories/GHSL-2021-125-sharpziplib/

Related QID Numbers

356193 Amazon Linux Security Advisory for mono : ALASMONO-2023-001

591178 Phoenix Contact FL Network Manager Path Traversal Vulnerability (CVE-2021-32840,CVE-2021-32842)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Sharpziplib Project	Sharpziplib	All	All	All	All

cpe:2.3:a:sharpziplib_project:sharpziplib:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@GHSecurityLab	GHSL-2021-125: Path traversal in SharpZipLib - CVE-2021-32840, CVE-2021-32841, CVE-2021-32842 github.co/3pGyJ7v	2021-12-08 21:50:01
@CVEreport	CVE-2021-32840 : SharpZipLib or #ziplib is a Zip, GZip, Tar and BZip2 library. Prior to version 1.3.3, a TAR file… twitter.com/i/web/status/1…	2022-01-26 21:09:39
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-32840 Description: SharpZipLib (or #ziplib) is a Zip, GZip, Tar and BZi… twitter.com/i/web/status/1…	2022-01-26 21:56:31
/r/netcve	CVE-2021-32840	2022-01-26 21:38:56

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Next ID→

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