



shutil.unpack_archive() doesn't check for Windows absolute paths in ZIPs

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

Summary

CVE	CVE-2026-3087
State	PUBLISHED
Assigner	PSF
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-27 21:16:42 UTC
Updated	2026-04-28 06:16:03 UTC
Description	If `shutil.unpack_archive()` is given a ZIP archive with an absolute Windows path containing a drive (`C:\...`) then the archi

Risk And Classification

Primary CVSS: v4.0 6 MEDIUM from cna@python.org

CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:H/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-22 | CWE-22 CWE-22

Version	Source	Type	Score	Severity	Vector
4.0	cna@python.org	Secondary	6	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:H/VA:N/SC:N/SI:N/SA:N/E:X/C...
4.0	CNA	CVSS	6	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:H/VA:N/SC:N/SI:N/SA:N

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

High

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:H/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Python Software Foundation	CPython	affected python	Not specified

References

Reference	Source	Link
github.com/python/cpython/issues/146581	cna@python.org	github.com
mail.python.org/archives/list/security-announce@python.org/thread/X6FXE5C6KDK...	cna@python.org	mail.pyt
github.com/python/cpython/pull/146591	cna@python.org	github.com
www.openwall.com/lists/oss-security/2026/04/28/9	af854a3a-2127-422b-91ae-364da2661108	www.op
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.

Vendor Comments And Credit

Discovery Credit

CNA: Serhiy Storchaka (<https://github.com/serhiy-storchaka>) (en)

CNA: Seth Larson (<https://github.com/sethmlarson>) (en)

CNA: GGAutomaton (<https://github.com/GGAutomaton>) (en)

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

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