

PLS Security Advisory

PLS Security Advisory 2025-07-30

The following information provides knowledge and guidance on information-security vulnerabilities and threats in UDE products.

	Description
Published	2025-07-30
Updated	2025-07-31
Summary	A Python interpreter included in UDE contains a security vulnerability caused by a defect in the CPython "tarfile" module affecting the "TarFile" extraction and entry enumeration APIs. The tar implementation would process tar archives with negative offsets without error, resulting in an infinite loop and deadlock during the parsing of maliciously crafted tar archives.
URLs	https://wid.cert-bund.de/portal/wid/securityadvisory?name=WID-SEC-2025-1664 https://github.com/python/cpython/issues/130577
Affected CVEs	CVE-2025-8194
Affected products	UDE®
Affected versions	5.02.01, 5.02.02, 5.02.03, 5.02.04, 5.02.05, 5.02.06, 5.02.07, 5.02.08, 5.02.09 2021.01, 2021.02, 2021.03, 2021.04, 2021.05, 2021.06, 2021.07 2022.01, 2022.02, 2022.03, 2022.04, 2022.05, 2022.06, 2022.07 2023.01, 2023.02, 2023.03, 2023.04, 2023.05, 2023.06, 2023.07 2024.01, 2024.02, 2024.03, 2024.04, 2024.05, 2024.06 2025.01, 2025.02 2026.00.01, 2026.00.02
Severity	High
Recommendation	Hotfix: Remove the library <UDE Install Folder>\3rdparty\python\Lib\tarfile.py until the fixed versions are available.
Fixed versions	Vulnerability not yet fixed