



# python-utcp: Command Injection via Unsanitized Argument Substitution in CLI Communication Protocol

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

## Summary

<b>CVE</b>	CVE-2026-45369
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-14 21:16:48 UTC
<b>Updated</b>	2026-05-14 21:16:48 UTC
<b>Description</b>	python-utcp is the python implementation of UTCP. Prior to 1.1.3, the <code>_substitute_utcp_args</code> method in <code>cli_communication_</code>

## Risk And Classification

**Primary CVSS:** v3.1 8.3 HIGH from security-advisories@github.com

**CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:C/C:H/I:H/A:H**

**Problem Types:** CWE-78 | CWE-78 CWE-78: Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection')

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.3	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:C/C:H/I:H/A:H
3.1	CNA	DECLARED	8.3	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:C/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**High**

Privileges Required

**None**

User Interaction

**Required**

Scope

**Changed**

Confidentiality

**High**

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:C/C:H/I:H/A:H

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Universal-tool-calling-protocol</a>	<a href="#">Python-utcp</a>	affected < 1.1.2	Not specified

### References

Reference	Source	Link	Tags
<a href="#">github.com/universal-tool-calling-protocol/python-utcp/security/advisori...</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="#">github.com</a>	
CVE Program record	<a href="#">CVE.ORG</a>	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	<a href="#">NVD</a>	<a href="#">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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