



# PraisonAI Affected by Implicit Execution of Arbitrary Code via Automatic `tools.py` Loading

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

## Summary

<b>CVE</b>	CVE-2026-40156
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-10 17:17:13 UTC
<b>Updated</b>	2026-04-10 17:17:13 UTC
<b>Description</b>	PraisonAI is a multi-agent teams system. Prior to 4.5.128, PraisonAI automatically loads a file named tools.py from the curr

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from security-advisories@github.com

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

**Problem Types:** CWE-94 | CWE-426 | CWE-829 | CWE-94 CWE-94: Improper Control of Generation of Code ('Code Injection') | CWE-426 CWE-426: Untrusted Search Path | CWE-829 CWE-829: Inclusion of Functionality from Untrusted Control Sphere

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">MervinPraison</a>	<a href="#">PraisonAI</a>	affected < 4.5.128	Not specified

### References

Reference	Source	Link	Tags
<a href="https://github.com/MervinPraison/PraisonAI/security/advisories/GHSA-2g3w-cpc4-chr4">github.com/MervinPraison/PraisonAI/security/advisories/GHSA-2g3w-cpc4-chr4</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>	
CVE Program record	<a href="https://www.cve.org">CVE.ORG</a>	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	<a href="https://nvd.nist.gov">NVD</a>	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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