



PraisonAI Agents Affected by Environment Variable Secret Exfiltration via os.path.expandvars() Bypassing shell=False in Shell Tool

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

Summary

CVE	CVE-2026-40153
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-09 22:16:36 UTC
Updated	2026-04-09 22:16:36 UTC
Description	PraisonAI Agents is a multi-agent teams system. Prior to 1.5.128, the execute_command function in shell_tools.py calls os.p

Risk And Classification

Primary CVSS: v3.1 7.4 HIGH from security-advisories@github.com

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

Problem Types: CWE-526 | CWE-526 CWE-526: Cleartext Storage of Sensitive Information in an Environment Variable

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.4	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:H/I:N/A:N
3.1	CNA	DECLARED	7.4	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:H/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Changed

Confidentiality

High

Integrity

None

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	MervinPraison	PraisonAIAgents	affected < 1.5.128	Not specified

References

Reference	Source	Link	Tags
github.com/MervinPraison/PraisonAI/security/advisories/GHSA-v8g7-9q6v-p3x8	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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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