

assafelovic gpt-researcher ws Endpoint server_utils.py extract_command_data code injection

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[NVD](#)

[CVE.ORG](#)

[JSON API](#)

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Summary	
CVE	CVE-2026-5631
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-06 07:16:01 UTC
Updated	2026-04-29 01:00:01 UTC
Description	A vulnerability has been found in assafelovic gpt-researcher up to 3.4.3. This affects the function extract_command_data of

Risk And Classification					
Primary CVSS: v4.0 5.5 MEDIUM from cna@vuldb.com					
CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/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					
EPSS: 0.000610000 probability, percentile 0.189980000 (date 2026-04-27)					
Problem Types: CWE-74 CWE-94 CWE-94 Code Injection CWE-74 Injection					
Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	5.5	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Primary	7.3	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	7.3	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	7.3	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R
2.0	cna@vuldb.com	Secondary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P
2.0	CNA	DECLARED	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P/E:POC/RL:ND/RC:UR

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/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



CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

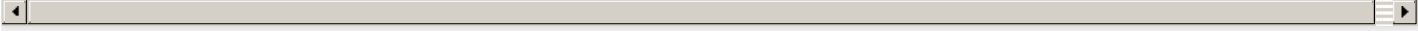
Integrity

Low

Availability

Low

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



CVSS v3.0 Breakdown

Attack Vector

Network

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:X/RC:R



Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Assafelovic	Gpt-researcher	affected 3.4.0	Not specified
CNA	Assafelovic	Gpt-researcher	affected 3.4.1	Not specified
CNA	Assafelovic	Gpt-researcher	affected 3.4.2	Not specified
CNA	Assafelovic	Gpt-researcher	affected 3.4.3	Not specified

References

Reference	Source	Link	Tags
github.com/assafelovic/gpt-researcher/issues/1694	cna@vuldb.com	github.com	
github.com/assafelovic/gpt-researcher	cna@vuldb.com	github.com	
vuldb.com/vuln/355419	cna@vuldb.com	vuldb.com	
vuldb.com/vuln/355419/cti	cna@vuldb.com	vuldb.com	
vuldb.com/submit/785858	cna@vuldb.com	vuldb.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Yu-Bao (VulDB User) (en)

CNA: VulDB CNA Team (en)

Additional Advisory Data		
Source	Time	Event
CNA	2026-04-05T00:00:00.000Z	Advisory disclosed
CNA	2026-04-05T02:00:00.000Z	VulDB entry created
CNA	2026-04-05T21:17:56.000Z	VulDB entry last update
There are currently no legacy QID mappings associated with this CVE.		

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