



elinsky execution-system-mcp add_action Tool server.py _get_context_file_path path traversal

MITRE

NVD

CVE.ORG

JSON API

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Summary

CVE	CVE-2026-7319
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-28 22:16:52 UTC
Updated	2026-04-29 21:16:21 UTC
Description	A flaw has been found in elinsky execution-system-mcp 0.1.0. The impacted element is the function _get_context_file_path

Risk And Classification

Primary CVSS: v4.0 5.5 MEDIUM from cna@vulldb.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: 0.001020000 probability, percentile 0.275600000 (date 2026-05-04)

Problem Types: CWE-22 | CWE-22 Path Traversal

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.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@vulldb.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@vulldb.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

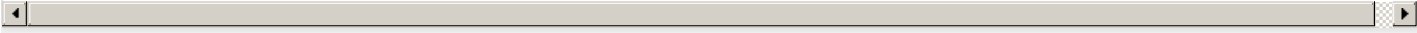
Integrity

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	Elinsky	Execution-system-mcp	affected 0.1.0	Not specified

References

Reference	Source	Link	Tags
vuldb.com/vuln/359972	cna@vuldb.com	vuldb.com	
vuldb.com/submit/803085	cna@vuldb.com	vuldb.com	
github.com/elinsky/execution-system-mcp	cna@vuldb.com	github.com	
github.com/elinsky/execution-system-mcp/issues/1	cna@vuldb.com	github.com	
vuldb.com/vuln/359972/cti	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: LittleW (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-04-28T00:00:00.000Z	Advisory disclosed
CNA	2026-04-28T02:00:00.000Z	VulDB entry created

CNA	2026-04-28T15:47:06.000Z	VulDB entry last update
There are currently no legacy QID mappings associated with this CVE.		

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