



# Command Injection in mlflow/mlflow

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

## Summary

<b>CVE</b>	CVE-2025-14287
<b>State</b>	PUBLISHED
<b>Assigner</b>	@huntr_ai
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-16 14:17:55 UTC
<b>Updated</b>	2026-04-14 16:48:14 UTC
<b>Description</b>	A command injection vulnerability exists in mlflow/mlflow versions before v3.7.0, specifically in the `mlflow/sagemaker/`__init__

## Risk And Classification

**Primary CVSS:** v3.1 8.8 HIGH from nvd@nist.gov

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

**Problem Types:** CWE-94 | CWE-94 CWE-94 Improper Control of Generation of Code

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	security@huntr.dev	Secondary	7.5	HIGH	CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	CNA	DECLARED	7.5	HIGH	CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Lfprojects</a>	<a href="#">Mlflow</a>	All	-	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Mlflow</a>	<a href="#">Mlflow/mlflow</a>	affected unspecified latest custom	Not specified

### References

Reference	Source	Link	Tags
<a href="https://huntr.com/bounties/229cd526-41aa-4819-b6f0-e2d0371c89e3">huntr.com/bounties/229cd526-41aa-4819-b6f0-e2d0371c89e3</a>	<a href="mailto:security@huntr.dev">security@huntr.dev</a>	<a href="https://huntr.com">huntr.com</a>	Exploit, Third Party Advisory
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">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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