



Cleartext storage of HMAC signing key in Amazon SageMaker Python SDK ModelBuilder/Serve path

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

Summary

CVE	CVE-2026-8596
State	PUBLISHED
Assigner	AMZN
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-14 20:17:21 UTC
Updated	2026-05-15 14:10:17 UTC
Description	Cleartext storage of sensitive information in the ModelBuilder/Serve component in Amazon SageMaker Python SDK before

Risk And Classification

Primary CVSS: v4.0 8.5 HIGH from ff89ba41-3aa1-4d27-914a-91399e9639e5

CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/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: 0.001650000 probability, percentile 0.371190000 (date 2026-05-18)

Problem Types: CWE-312 | CWE-312 CWE-312 Cleartext storage of sensitive information

Version	Source	Type	Score	Severity	Vector
4.0	ff89ba41-3aa1-4d27-914a-91399e9639e5	Secondary	8.5	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/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
4.0	CNA	CVSS	8.5	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/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
3.1	ff89ba41-3aa1-4d27-914a-91399e9639e5	Secondary	7.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

None

Availability

None

Sub Conf.

High

Sub Integrity

High

Sub Availability

High

CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:H/SI:H/SA:H/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSG:X/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

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Amazon SageMaker Python SDK	AWS	affected 2.199.0 2.257.1 custom	Not specified
CNA	Amazon SageMaker Python SDK	AWS	affected 3.0.0 3.7.1 custom	Not specified

References

References

Reference	Source	Link
github.com/aws/sagemaker-python-sdk/releases/tag/v3.8.0	ff89ba41-3aa1-4d27-914a-91399e9639e5	github.com
aws.amazon.com/security/security-bulletins/2026-031-aws	ff89ba41-3aa1-4d27-914a-91399e9639e5	aws.amazon.com
github.com/aws/sagemaker-python-sdk/security/advisories/GHSA-7hh5-prp2-mfh5	ff89ba41-3aa1-4d27-914a-91399e9639e5	github.com
github.com/aws/sagemaker-python-sdk/releases/tag/v2.257.2	ff89ba41-3aa1-4d27-914a-91399e9639e5	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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