

Illustrative fictional sample — AWS Deprecation Evidence Report

ILLUSTRATIVE SAMPLE. This report was generated from a published fictional repository fixture. It is not a customer report or evidence of a live AWS account scan.

Generated: 2026-08-22 21:00 UTC

Report engine: 2.0

Rule pack: audit-v2-2026-08-22.2+ded83b5774ba

Uploaded artifact: fictional-repository.zip

Input SHA-256:

3fd7c4f6cfdb27d436399a0a639d4990303030839a0a338bb343a1ef12031b67

Evidence fingerprint:

e96abc1d709f84e1525e7945ac03628a4c01f5ea5db1691857b3f28a633c1ee8

Executive summary

The static scan found **4 distinct risk types** across **4** of 4 scanned source files, supported by 5 file/line evidence records.

Category	Risk types	Evidence records
AL2023 compatibility	1	1
Lambda runtime	1	2
Operating system	1	1
Python compatibility	1	1

Observed scope: 4 supported text files; 231 decoded bytes. 1 unsupported/binary file was skipped.

Important limitation: This is a static scan of the uploaded artifact. It does not query a live AWS account, execute code, prove exploitability, inspect files that were not uploaded, or guarantee a complete resource inventory. Validate every recommended change in a non-production environment.

Prioritized findings

CRITICAL Lambda Python 3.9 runtime reference

Python 3.9 is deprecated in Lambda and no longer receives runtime updates.

Observed reach: 2 files, 2 evidence lines.

Remediation: Move to a supported Python runtime and resolve Python 3.12+ compatibility findings before deployment.

Rule or package reference: <https://docs.aws.amazon.com/lambda/latest/dg/lambda-runtimes.html>

Location	Observed text
infra/template.yaml:5	Runtime: python3.9
serverless.yml:3	runtime: python3.9

CRITICAL Amazon Linux 2 dependency

Amazon Linux 2 has reached end of life. Continued operation and any temporary support updates do not replace a migration plan.

Observed reach: 1 file, 1 evidence line.

Remediation: Move the image or host build to Amazon Linux 2023, then validate package names, service names, firewall rules, and application dependencies.

Rule or package reference: <https://aws.amazon.com/amazon-linux-2/faqs/>

Location	Observed text
images/Dockerfile:1	FROM amazonlinux:2

CRITICAL distutils removed in Python 3.12

Python 3.12 removed distutils from the standard library.

Observed reach: 1 file, 1 evidence line.

Remediation: Replace distutils usage with setuptools and packaging, and upgrade dependencies that still import it.

Rule or package reference: <https://docs.python.org/3/whatsnew/3.12.html#distutils>

Location	Observed text
src/compat.py:1	from distutils import core

HIGH amazon-linux-extras command removed in AL2023

Amazon Linux 2023 does not provide the Amazon Linux Extras mechanism.

Observed reach: 1 file, 1 evidence line.

Remediation: Replace the Extras topic with the corresponding dnf package, versioned package, or supported repository.

Rule or package reference: <https://docs.aws.amazon.com/linux/al2023/ug/compare-with-al2.html>

Location	Observed text
images/Dockerfile:2	RUN amazon-linux-extras enable epel

Roll-forward order

1. **Lambda Python 3.9 runtime reference** — Move to a supported Python runtime and resolve Python 3.12+ compatibility findings before deployment.
2. **Amazon Linux 2 dependency** — Move the image or host build to Amazon Linux 2023, then validate package names, service names, firewall rules, and application dependencies.
3. **distutils removed in Python 3.12** — Replace distutils usage with setuptools and packaging, and upgrade dependencies that still import it.
4. **amazon-linux-extras command removed in AL2023** — Replace the Extras topic with the corresponding dnf package, versioned package, or supported repository.

Tracked AWS dates

Dates below come from the cited public rule pack and should be rechecked before production planning.

- **Lambda Python 3.10 — projected deprecation** — 2026-10-31 — [source](#)
- **Lambda Node.js 18 — block new functions** — 2027-02-01 — [source](#)
- **Lambda Node.js 20 — block new functions** — 2027-02-01 — [source](#)
- **Lambda Python 3.8 — block new functions** — 2027-02-01 — [source](#)
- **Lambda Python 3.9 — block new functions** — 2027-02-01 — [source](#)
- **Lambda Node.js 22 — projected deprecation** — 2027-04-30 — [source](#)
- **Lambda Python 3.11 — projected deprecation** — 2027-06-30 — [source](#)

Sample evidence fingerprint

This fictional sample fingerprint is intentionally not registered in the customer verification store. The [published sample manifest](#) records the input and PDF hashes so the artifact can still be checked byte-for-byte.

The evidence fingerprint covers the input hash, report-engine/rule-pack versions, and canonical findings. It is not a digital signature of the PDF file.