



LEGACY LENS

Independent Deterministic Decision Authority

Issued Authority Record

License Mode: AUTHORITY

ISSUING AUTHORITY

Authority Name: Legacy Lens

Authority Type: Independent Deterministic Decision Authority

Authority Key ID: LL-AUTH-ROOT-01

Registry Version: 2.0.0 (Locked)

Policy Hash:

sha256:a5d18c45eec121f997dc2c9818c973f0da8e062149c87261ae62807ae2d1f786

ISSUANCE BLOCK

Authority Record: ISSUED

Decision: NO-GO

Issued At (UTC): 2026-01-22T07:09:39.714574529Z

License Mode: AUTHORITY

Authority Decision Record ID: LL-DEC-B5B0EC26E2D8E64B-2.0.0-a5d18c45

Bundle ID: b5b0ec26e2d8e64b

Registry Version: 2.0.0 (Locked)

Policy Hash:

sha256:a5d18c45eec121f997dc2c9818c973f0da8e062149c87261ae62807ae2d1f786

Bundle Root Hash:

sha256:0d8068876cdcf74546f0a8de5eae0248d459e067f0813f6d0f4ec7c4c1ce808

Findings Hash:

sha256:e972be5f2313c2bfb19a63f61c6573c563117059adc5e00bbe5452645c4fc3a6

DECLARED GOVERNANCE CONTEXT (LOCKED)

Environment: Production

Regulatory Scope: Regulated

Business Criticality: High

This context was declared prior to analysis and is immutable.

Changing context requires a new analysis and a new authority record.

AUTHORITY BASIS (STANDARD OF PROOF V2.0)

This decision is issued under Legacy Lens Standard of Proof v2.0 and Registry v2.0. Authority is granted only when system behavior is provable from source artifacts alone. Where provability terminates, authority terminates. Legacy Lens does not execute code, infer runtime behavior, or certify compliance.

Evidence is invariant; governance context does not override provability boundaries.

AUTHORITY INVOCATION

Legacy Lens authority was formally invoked for the system and scope identified below. This record constitutes an official governance act.

SCOPE

System(s): aws-mainframe-modernization-carddemo-main.zip

Artifacts Analyzed: COBOL, COPYBOOK, JCL, IMS, ASSEMBLER (as applicable)

DECLARED RUNTIME CONFIGURATION ARTIFACTS

Runtime configuration artifacts may reduce missing-artifact uncertainty, but they do not convert runtime-defined semantics into provable guarantees.

Declared CICS config — CSD: YES · PCT: NO · PPT: NO · FCT: NO

Declared IMS definitions — DBD: YES · PSB: YES · ACB: NO

Declared JCL / PROC — Jobs: YES · PROCs: NO

Present CICS config — CSD: YES · PCT: NO · PPT: NO · FCT: NO

Present IMS definitions — DBD: YES · PSB: YES · ACB: NO

Present JCL / PROC — Jobs: YES · PROCs: NO

Structural only — RACF export: NO · MQ defs: NO

License ID: LIC_b2601ae6b2bdd2c6

Authority Mode: Decision Authority

DECISION

Decision Outcome: NO-GO

AUTHORITY DETERMINATION

Legacy Lens issues this decision under Standard of Proof v2.0 and the cited registry version.

Authority is granted only when behavior is provable from source artifacts alone under the declared context.

Where provability terminates, authority terminates.

Scores and exposure metrics do not determine this outcome.

BOUNDARY STATEMENT

Provability boundaries were detected that terminate deterministic decision authority under the declared context.

Boundary Rule	Evidence	Boundary Cause	Gate	Effect on
	Tier		Impacted	Authority
ASSEMBLER_OPAQUE_ENTRY	TIER_2	HARD_PROVABILITY_TERMINATION	Gate 1: Behavioral Safety	Terminates deterministic guarantees
BEHAVIOR_ALTER	TIER_2	HARD_PROVABILITY_TERMINATION	Gate 1: Behavioral Safety	Terminates deterministic guarantees
DATA_CICS_NO_RESP	TIER_2	HARD_PROVABILITY_TERMINATION	Gate 1: Behavioral Safety	Terminates deterministic guarantees
DATA_CICS_RETURN	TIER_2	HARD_PROVABILITY_TERMINATION	Gate 1: Behavioral Safety	Terminates deterministic guarantees
DATA_TXN_FILE_IO_OPAQUE	TIER_2	HARD_PROVABILITY_TERMINATION	Gate 1: Behavioral Safety	Terminates deterministic guarantees
IMS_DLI_OPAQUE_RUNTIME	TIER_2	HARD_PROVABILITY_TERMINATION	Gate 1: Behavioral Safety	Terminates deterministic guarantees

AUTHORITY LIMITATION

Legacy Lens does not execute code, infer runtime behavior, or certify compliance. This decision reflects only provable guarantees from source-level evidence.

SELF-VERIFICATION (OFFLINE)

This authority record references a cryptographically identified evidence bundle. Verification may be performed offline.

VERIFICATION INPUTS

Evidence Bundle ID: b5b0ec26e2d8e64b

Registry Version (Locked): 2.0.0

Policy Hash:

sha256:a5d18c45eec121f997dc2c9818c973f0da8e062149c87261ae62807ae2d1f786

Bundle Root Hash (SHA-256):

sha256:0d8068876cdcf74546f0a8de5eaeb0248d459e067f0813f6d0f4ec7c4c1ce808

Findings Hash (SHA-256):

sha256:e972be5f2313c2bfb19a63f61c6573c563117059adc5e00bbe5452645c4fc3a6

VERIFICATION STEPS

Run: `legacy-lens verify <PATH_TO_BUNDLE>`

Confirm Bundle Root Hash matches verification output.

Confirm Findings Hash matches verification output.

Confirm Registry Version and Policy Hash match verification output.

INTEGRITY STATEMENT

If any value differs, this document is not a valid authority record for the referenced evidence bundle.

LICENSE WATERMARK

Customer ID: public-validation

License ID: LIC_b2601ae6b2bdd2c6

License version: legacy-lens-license/v1

Issued at: 2026-01-22T07:08:58Z

Expires at (epoch): 1769299200

Policy: sha256:a5d18c45eec121f997dc2c9818c973f0da8e062149c87261ae62807ae2d1f786

License hash:

sha256:ba5e8e223887c8e7e9f89c69d43787f4ce8c9749c71fb05c97b5ec53354933bb

Hardware fingerprint:

hwfp_v1:99e66adfb306794eb50d67b77d07199880c48ea49fd20664629487393876eade

Kit manifest hash:

sha256:4baf0343b520b815fd7457f0225e0f96593753780774bd4fb6763fca879b7c51

Rules hash:

sha256:780464ad2786120f3d9e885788e7005b49265c56976a7ed3f38d1ef76b0aba44