



LEGACY LENS

Independent Deterministic Decision Authority

Non-Authoritative Evidence Appendix

License Mode: AUTHORITY

ISSUANCE BLOCK

Authority Decision Reference: LL-DEC-A7FE5090354B1803-2.0.0-388b2e16

Issued At (UTC): 2026-01-22T07:13:02.282976685Z

License Mode: AUTHORITY

Bundle ID: a7fe5090354b1803

Registry Version: 2.0.0 (Locked)

Policy Hash:

sha256:388b2e160aea656c55f5e53bedc0e92ad2fd4d8be690ecd06250a36b3c536ed0

Bundle Root Hash:

sha256:f96bffd51959c8df9aea40eebce2dab7ee054b0cb7495cdea517ef39bbb156ef

Findings Hash:

sha256:82413063d1e90cc579625bd68b959e095bc3518d3fec06ed24ee3588c8906971

NON-AUTHORITATIVE NOTICE

This document is a non-authoritative technical evidence appendix supporting the issued authority record.

It does not issue, modify, or override authority.

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

BOUNDARY CONDITIONS

The following boundary evidence prevents authority approval under the declared context.

BOUNDARY MODULES

Rule: BEHAVIOR_ALTER

Location: gov/nist/DB101A.CBL:536

Location: gov/nist/DB102A.CBL:469

Location: gov/nist/DB103M.CBL:467
Location: gov/nist/DB105A.CBL:743
Location: gov/nist/DB105A.CBL:763
Location: gov/nist/NC303M.CBL:20
Location: gov/nist/NC401M.CBL:170
Location: gov/nist/OBNC1M.CBL:538
Location: gov/nist/OBNC1M.CBL:556
Location: gov/nist/OBNC1M.CBL:589
Location: gov/nist/OBNC1M.CBL:605
Location: gov/nist/OBNC1M.CBL:614
Location: gov/nist/OBNC2M.CBL:595
Location: gov/nist/OBNC2M.CBL:615
Location: gov/nist/OBNC2M.CBL:682
Location: gov/nist/OBNC2M.CBL:706
Location: gov/nist/SG102A.CBL:294
Location: gov/nist/SG102A.CBL:303
Location: gov/nist/SG102A.CBL:308
Location: gov/nist/SG102A.CBL:326
Location: gov/nist/SG102A.CBL:337
Location: gov/nist/SG102A.CBL:351
Location: gov/nist/SG102A.CBL:381
Location: gov/nist/SG102A.CBL:398
Location: gov/nist/SG102A.CBL:412
Location: gov/nist/SG102A.CBL:449
Location: gov/nist/SG102A.CBL:471
Location: gov/nist/SG102A.CBL:486
Location: gov/nist/SG102A.CBL:497
Location: gov/nist/SG102A.CBL:498
Location: gov/nist/SG102A.CBL:577
Location: gov/nist/SG102A.CBL:595
Location: gov/nist/SG102A.CBL:596
Location: gov/nist/SG102A.CBL:605
Location: gov/nist/SG102A.CBL:606
Location: gov/nist/SG103A.CBL:402
Location: gov/nist/SG103A.CBL:454
Location: gov/nist/SG103A.CBL:474
Location: gov/nist/SG201A.CBL:1628
Location: gov/nist/SG201A.CBL:1639
Location: gov/nist/SG201A.CBL:1650
Location: gov/nist/SG201A.CBL:1661
Location: gov/nist/SG201A.CBL:1672
Location: gov/nist/SG201A.CBL:1683

Location: gov/nist/SG201A.CBL:1694
Location: gov/nist/SG201A.CBL:1705
Location: gov/nist/SG201A.CBL:1716
Location: gov/nist/SG201A.CBL:1727
Location: gov/nist/SG201A.CBL:1738
Location: gov/nist/SG201A.CBL:1749
Location: gov/nist/SG201A.CBL:1760
Location: gov/nist/SG201A.CBL:1771
Location: gov/nist/SG201A.CBL:1782
Location: gov/nist/SG201A.CBL:1793
Location: gov/nist/SG201A.CBL:1804
Location: gov/nist/SG201A.CBL:1815
Location: gov/nist/SG201A.CBL:1826
Location: gov/nist/SG201A.CBL:1837
Location: gov/nist/SG201A.CBL:1846
Location: gov/nist/SG201A.CBL:1855
Location: gov/nist/SG201A.CBL:1864
Location: gov/nist/SG201A.CBL:1873
Location: gov/nist/SG201A.CBL:1882
Location: gov/nist/SG201A.CBL:1891
Location: gov/nist/SG201A.CBL:1900
Location: gov/nist/SG201A.CBL:1909
Location: gov/nist/SG201A.CBL:1918
Location: gov/nist/SG201A.CBL:1927
Location: gov/nist/SG201A.CBL:1936
Location: gov/nist/SG202A.CBL:332
Location: gov/nist/SG202A.CBL:406
Location: gov/nist/SG202A.CBL:410
Location: gov/nist/SG203A.CBL:360
Location: gov/nist/SG203A.CBL:363
Location: gov/nist/SG203A.CBL:369
Location: gov/nist/SG203A.CBL:382
Location: gov/nist/SG203A.CBL:403
Location: gov/nist/SG203A.CBL:424
Location: gov/nist/SG203A.CBL:478
Location: gov/nist/SG203A.CBL:501
Location: gov/nist/SG203A.CBL:664
Location: gov/nist/SG203A.CBL:747
Location: gov/nist/SG203A.CBL:753
Location: gov/nist/SG203A.CBL:778

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further

guarantees can be asserted beyond this point based on source evidence.

Rule: BEHAVIOR_COMPUTED_GOTO
Location: gov/nist/DB105A.CBL:642
Location: gov/nist/DB105A.CBL:716
Location: gov/nist/DB201A.CBL:413
Location: gov/nist/DB201A.CBL:547
Location: gov/nist/IC115A.CBL:131
Location: gov/nist/IC227A.CBL:1138
Location: gov/nist/IX104A.CBL:340
Location: gov/nist/IX108A.CBL:367
Location: gov/nist/IX204A.CBL:350
Location: gov/nist/IX216A.CBL:359
Location: gov/nist/NC102A.CBL:416
Location: gov/nist/NC102A.CBL:498
Location: gov/nist/NC102A.CBL:523
Location: gov/nist/NC102A.CBL:524
Location: gov/nist/NC102A.CBL:559
Location: gov/nist/NC102A.CBL:560
Location: gov/nist/NC102A.CBL:597
Location: gov/nist/NC102A.CBL:628
Location: gov/nist/NC107A.CBL:1891
Location: gov/nist/NC123A.CBL:1075
Location: gov/nist/NC123A.CBL:1104
Location: gov/nist/OBIC3A.CBL:310
Location: gov/nist/RL104A.CBL:298
Location: gov/nist/RL111A.CBL:318
Location: gov/nist/RL112A.CBL:298
Location: gov/nist/RL204A.CBL:302

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further guarantees can be asserted beyond this point based on source evidence.

Rule: BEHAVIOR_DYNAMIC_CALL
Location: gov/nist/IC201A.CBL:338
Location: gov/nist/IC201A.CBL:353
Location: gov/nist/IC201A.CBL:368
Location: gov/nist/IC201A.CBL:430
Location: gov/nist/IC201A.CBL:474
Location: gov/nist/IC201A.CBL:557
Location: gov/nist/IC201A.CBL:572
Location: gov/nist/IC203A.CBL:322

Location: gov/nist/IC203A.CBL:372
Location: gov/nist/IC203A.CBL:478
Location: gov/nist/IC203A.CBL:534
Location: gov/nist/IC203A.CBL:627
Location: gov/nist/IC207A.CBL:320
Location: gov/nist/IC223A.CBL:351
Location: gov/nist/IC223A.CBL:367
Location: gov/nist/IC223A.CBL:383
Location: gov/nist/IC223A.CBL:447
Location: gov/nist/IC223A.CBL:492
Location: gov/nist/IC223A.CBL:578
Location: gov/nist/IC223A.CBL:594
Location: gov/nist/IC224A.CBL:357
Location: gov/nist/IC224A.CBL:368
Location: gov/nist/IC224A.CBL:379
Location: gov/nist/IC224A.CBL:435
Location: gov/nist/IC224A.CBL:495
Location: gov/nist/IC224A.CBL:513
Location: gov/nist/IC225A.CBL:589
Location: gov/nist/IC225A.CBL:651
Location: gov/nist/IC225A.CBL:850
Location: gov/nist/IC227A.CBL:659
Location: gov/nist/IC227A.CBL:793

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further guarantees can be asserted beyond this point based on source evidence.

Rule: DATA_CICS_NO_RESP
Location: ast/variable/ExecCics.cbl:20
Location: ast/variable/ExecCics.cbl:27
Location: preprocessor/fixed/ExecCics.cbl:20
Location: preprocessor/fixed/ExecCics.cbl:27
Location: preprocessor/variable/ExecCics.cbl:20
Location: preprocessor/variable/ExecCics.cbl:27

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further guarantees can be asserted beyond this point based on source evidence.

Rule: DATA_CICS_RETURN
Location: procedure/execcics/ExecCics.cbl:32
Location: ast/variable/ExecCics.cbl:32
Location: ast/variable/ExecCicsEof.cbl:4

Location: preprocessor/fixed/ExecCics.cbl:32
Location: preprocessor/tandem/ExecCics.cbl:32
Location: preprocessor/variable/ExecCics.cbl:32

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further guarantees can be asserted beyond this point based on source evidence.

Rule: DATA_TXN_FILE_IO_OPAQUE
Location: proleap/cobol/Cobol.g4:1345
Location: proleap/cobol/Cobol.g4:1348

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further guarantees can be asserted beyond this point based on source evidence.

Rule: DEPENDENCY_EXTERNAL_UNRESOLVED
Location: proleap/cobol/Cobol.g4:1
Location: gov/nist/SG202A.CBL:1

Boundary Cause: HARD_PROVABILITY_TERMINATION

Explanation: Deterministic guarantees terminate at this construct. No further guarantees can be asserted beyond this point based on source evidence.

RE-EVALUATION STATEMENT

Authority may be re-evaluated only after all listed boundary conditions are eliminated and new evidence is generated.

SELF-VERIFICATION (OFFLINE)

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

VERIFICATION INPUTS

Evidence Bundle ID: a7fe5090354b1803

Registry Version (Locked): 2.0.0

Policy Hash:

sha256:388b2e160aea656c55f5e53bedc0e92ad2fd4d8be690ecd06250a36b3c536ed0

Bundle Root Hash (SHA-256):

sha256:f96bffd51959c8df9aea40eebce2dab7ee054b0cb7495cdea517ef39bbb156ef

Findings Hash (SHA-256):

sha256:82413063d1e90cc579625bd68b959e095bc3518d3fec06ed24ee3588c8906971

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: sha256:388b2e160aea656c55f5e53bedc0e92ad2fd4d8be690ecd06250a36b3c536ed0

License hash:

sha256:ba5e8e223887c8e7e9f89c69d43787f4ce8c9749c71fb05c97b5ec53354933bb

Hardware fingerprint:

hwfp_v1:99e66adfb306794eb50d67b77d07199880c48ea49fd20664629487393876eade

Kit manifest hash:

sha256:4baf0343b520b815fd7457f0225e0f96593753780774bd4fb6763fca879b7c51

Rules hash:

sha256:780464ad2786120f3d9e885788e7005b49265c56976a7ed3f38d1ef76b0aba44