



VERIFICATION CERTIFICATE

Alter Menta Technologies Ltd · Nucleus Verify Engine · Certificate: NV-6e1d35 · altermenta.com/c/NV-6e1d35

REPOSITORY / SOURCE

expressjs/express.git

github.com/expressjs/express.git ✓

X UNVERIFIED
Significant issues found

TRUST SCORE 90 / 100 Grade A	SCAN COVERAGE 4 / 5 gates passed	VERIFIED AT 2026-03-14 22:58 UTC
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VERIFICATION TIERS

- VERIFIED** Passed all critical gates — structure and security meet baseline
- PARTIAL** Passed most gates — minor issues detected, not blocking
- UNVERIFIED** Significant issues found — could not be certified

GATE RESULTS — CRITICAL

- ✓ **Structure**
Source tree conforms to language conventions
 - ✓ **Determinism**
Build output is reproducible across environments
 - ✓ **Contract**
Public API contracts are internally consistent
 - ✗ **Build**
Project compiles / installs without errors
 - ✓ **Structural Integrity**
No circular dependencies or dead code detected
- Score is computed from critical gates only. 4/5 critical gates passed.

SECURITY SCAN

0 Critical	1 High	1 Medium	37 Info
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CRYPTOGRAPHIC PROOF

Verify at: altermenta.com/c/NV-6e1d35

Short code: NV-6e1d35 (type into any browser)

Proof Pack Hash (SHA-256 of scanned code snapshot)
6e1d35a3951a873a6ddad3b7ed6a159844a2b65fd34a0c1287f2d4e9513dc433

Deterministic Hash (SHA-256 of Nucleus proof artifact)
0f439565165e639cbaa2d6accd2f033157329aa2d492c96050d6459407fcdd27

Specification Hash (SHA-256 of prompt + config)
e8761f647aa9baced5e7fa6b20dc4c14885ab66a796f78b24bccb33324fccac

Artifact Tree Hash (SHA-256 of file tree structure)
d3e01b08e5fb66b82d69ed9e55239887b4eabe7527a82806c4f211ec84f89afd

Verifiable at altermenta.com/c/NV-6e1d35 · Public key: altermenta.com/~well-known/nucleus-public-key.pem

COMPLIANCE FRAMEWORK MAPPING

- OWASP LLM Top 10 (2025)**
Detected: LLM04 · LLM06 · LLM09
- NIST AI RMF 1.0**
MEASURE (primary: MEASURE)
- ISO 27001:2022**
Controls: A.8.12
- DORA (EU) 2022/2554**
Controls: Art.9(2)(b) · Art.9(2)(d)

