



# 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 <b>90</b> / 100 Grade A	SCAN COVERAGE <b>4 / 5</b> gates passed	VERIFIED AT <b>2026-03-14</b> 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

<b>0</b> Critical	<b>1</b> High	<b>1</b> Medium	<b>37</b> Info
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### CRYPTOGRAPHIC PROOF

Verify at: [altermenta.com/c/NV-6e1d35](https://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](https://altermenta.com/c/NV-6e1d35) · Public key: [altermenta.com/well-known/nucleus-public-key.pem](https://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)

