

CarnotEngine Crypto Posture Assessment

Company: DemoCorp
Date: 2025-08-30
Prepared By: CarnotEngine Team (contact@carnotengine.example)
Confidentiality: Proprietary & Confidential Do not distribute.

Executive Summary
Provide a 23 paragraph highlevel summary of crypto posture, key risks, and recommended immediate actions.

- HNDL Exposure: 0%
- Total Observations: 0
- High Severity Policy Violations: 0

Key Findings
Category	Finding	Severity	Recommendation
Key Management	Example: RSA 2048 key still in use	High	Rotate to >=3072 or hybrid KEM
TLS Configuration	Missing hybrid KEM	Medium	Enable PQC hybrid via OQS provider
Hash Algorithms	SHA1 usage detected	Medium	Migrate to SHA256+
Cloud Keys	Untagged KMS keys	Low	Add Owner/SecrecyYears tags

Risk Snapshot
Embed chart (Sankey + violations bar) in final PDF if available.

Detailed Observations
Summarize notable observations with context linking to raw artifacts (runtime, static, AWS inventory).

Policy Violations
Outline each violation with remediation steps referencing 'docs/POLICY_GUIDE.md'.

Recommended Roadmap (Next 90 Days)
1. Immediate (Week 12):
2. Short Term (Month 1):
3. Mid Term (Quarter):

Methodology
Describe data sources: static code scanning, eBPF runtime handshake correlation, AWS inventory, OPA policy evaluation,

Appendix
- Attestation Summary
- Metrics (latency overhead)
- Raw JSON Artifacts (attached separately)

Copyright ' 2025 CarnotEngine. All rights reserved.