COMPLIANCE REPORT

AiGovOps Foundation Framework v1.0

SHA-256 Hash Chain Verified Compliance Assessment
OpenClaw Installer — April 2026

REPORT ID
AGOF-COMPL-2026-04-001

4/4	9	SHA-256	187
Pillars Compliant	Chain Entries	Hash Algorithm	Automated Tests

AiGovOps Foundation
Co-founded by Bob Rapp & Ken Johnston
aigovopsfoundation.org

Compliance Report Overview

Report ID	AGOF-COMPL-2026-04-001
Framework	AiGovOps Framework v1.0
Report Date	April 15, 2026
Organization	AiGovOps Foundation
Subject System	OpenClaw Installer v1.0
Repository	https://github.com/bobrapp/openclaw-installer
Document Hash	b45162403ba691f4a9efbbbf8a0e2d06...
Hash Algorithm	SHA-256

This report certifies that the OpenClaw Installer system has been assessed against the AiGovOps Foundation's four core pillars: Governance as Code, AI Technical Debt Elimination, Operational Compliance, and Community-Driven Standards. Each section of this report is cryptographically hashed into a SHA-256 chain to ensure tamper-evident integrity of the compliance record.

Verification: Scan the QR code to visit aigovopsfoundation.org and verify this report against the published framework standards. The full SHA-256 hash chain for this document is included on page 4.

Framework Compliance Assessment

01 Governance as Code — COMPLIANT

- SHA-256 hash-chain audit log with tamper-evident integrity verification
- 38 YAML-based governance agent patterns shipped as code, not policy documents
- Automated preflight checks execute governance rules before any system changes
- Owner passphrase authentication (SHA-256 hashed, set-once, rate-limited)
- Signed PDF compliance report export with cryptographic chain

02 AI Technical Debt Elimination — COMPLIANT

- 2 rounds of AI Model Council review (Opus, GPT-5.4, Gemini Pro) — 40 improvements shipped
- 380KB production bundle (code-split, tree-shaken, Zod removed from prod)
- 187 automated tests (141 unit + 46 E2E) covering all critical paths
- React.lazy module-scope hoisting eliminates state loss on navigation
- apiRequest enforced everywhere — no raw fetch() calls in codebase

03 Operational Compliance — COMPLIANT

- GitHub Actions CI pipeline: TypeScript check, build, test, security audit on every push
- Production hardening checklist with 40+ security checks across 5 categories
- Hardened systemd units: ProtectSystem, PrivateTmp, NoNewPrivileges
- Real-time preflight runner with SSE streaming validates system readiness
- Deploy validation workflow lints all infrastructure configs on every PR

04 Community-Driven Standards — COMPLIANT

- Open source under MIT license at github.com/bobrapp/openclaw-installer
- 29 MCP skills marketplace with community contributions
- 15-language internationalization including RTL and Braille display mode
- Community governance patterns with structured review process
- Public GitHub Pages deployment for zero-barrier access

SHA-256 Hash Chain Verification

Each section of this compliance report is linked in a cryptographic hash chain. The current hash of each entry is computed as: SHA-256(timestamp | section | content | previousHash). Modifying any entry invalidates all subsequent hashes, providing tamper-evident integrity.

#	Section	Previous Hash (first 16)	Current Hash (first 16)
1	Report Header	`0...`	`5db5681147962b3d...`
2	Framework Assessment	`5db5681147962b3d...`	`54a983c522bfe1a4...`
3	SHA-256 Audit Chain	`54a983c522bfe1a4...`	`c6bcb9933df0e5f4...`
4	CI/CD Pipeline	`c6bcb9933df0e5f4...`	`41e904f37cdea07d...`
5	Production Hardening	`41e904f37cdea07d...`	`55bcb29922ba1a35...`
6	Internationalization	`55bcb29922ba1a35...`	`4073ff8b7a144ee0...`
7	Governance Patterns	`4073ff8b7a144ee0...`	`f2ee63e200675bea...`
8	AI Model Council	`f2ee63e200675bea...`	`0e04fec21f6e508e...`
9	Digital Signature	`0e04fec21f6e508e...`	`ffed6cc00c8bf80b...`

Full Hash Values

#1 Report Header (2026-04-15T20:00:00Z)

```
prev: 0
curr: 5db5681147962b3dbb076fe03865b5de84a29dcaa0b91665114cd5d39840e6d5
```

#2 Framework Assessment (2026-04-15T20:00:01Z)

```
prev: 5db5681147962b3dbb076fe03865b5de84a29dcaa0b91665114cd5d39840e6d5
curr: 54a983c522bfe1a401d367928a17e6c1207f879a13f72d845684253ce13c2f23
```

#3 SHA-256 Audit Chain (2026-04-15T20:00:02Z)

```
prev: 54a983c522bfe1a401d367928a17e6c1207f879a13f72d845684253ce13c2f23
curr: c6bcb9933df0e5f4659df3831bbe2bee74f04bc7eb73add0e7bcfdc411f9e746
```

#4 CI/CD Pipeline (2026-04-15T20:00:03Z)

```
prev: c6bcb9933df0e5f4659df3831bbe2bee74f04bc7eb73add0e7bcfdc411f9e746
curr: 41e904f37cdea07d84b566e1f9557ee18819ce43fa2a442410f711fe222b1f00
```

#5 Production Hardening (2026-04-15T20:00:04Z)

```
prev: 41e904f37cdea07d84b566e1f9557ee18819ce43fa2a442410f711fe222b1f00
curr: 55bcb29922ba1a356c2951b716ce6b0a7b2355953a0c350439452fe8306b41f2
```

#6 Internationalization (2026-04-15T20:00:05Z)

```
prev: 55bcb29922ba1a356c2951b716ce6b0a7b2355953a0c350439452fe8306b41f2
curr: 4073ff8b7a144ee09276b049d3105a0b07e32cf2c0b9ae986b84ea6aa13906b5
```

#7 Governance Patterns (2026-04-15T20:00:06Z)

```
prev: 4073ff8b7a144ee09276b049d3105a0b07e32cf2c0b9ae986b84ea6aa13906b5
```

curr: f2ee63e200675bea8340d1be8a7ce451b1c78ac8d52ba429a0687bef1f83ed81

#8 AI Model Council (2026-04-15T20:00:07Z)

prev: f2ee63e200675bea8340d1be8a7ce451b1c78ac8d52ba429a0687bef1f83ed81

curr: 0e04fec21f6e508e6a76df30ca23f6ca8903a052a08563edcbbb9ac12df21d2c

#9 Digital Signature (2026-04-15T20:00:08Z)

prev: 0e04fec21f6e508e6a76df30ca23f6ca8903a052a08563edcbbb9ac12df21d2c

curr: ffed6cc00c8bf80b8a3978b4d819848db868f15a02f2b53843665d15fdd7708b

Document Hash (SHA-256 of chain): b45162403ba691f4a9efbbbf8a0e2d0677782731ccfa8aedc4d24cb1644af715

Technical Compliance Summary

Category	Requirement	Status	Evidence
Audit Trail	Immutable hash-chain logging	PASS	SHA-256 linked audit_logs table
Audit Trail	Chain integrity verification	PASS	One-click verify + API endpoint
Audit Trail	Tamper detection	PASS	Hash mismatch alerts on verification
Authentication	Owner passphrase (set-once)	PASS	SHA-256 hashed, rate-limited
Authentication	Brute-force protection	PASS	5 attempts/min per IP
CI/CD	Automated build + test	PASS	ci.yml: TS check, build, Vitest, Playwright
CI/CD	Security scanning	PASS	npm audit on every build
CI/CD	Deploy validation	PASS	ShellCheck + YAML lint on PR
Hardening	Network security	PASS	UFW, SSH hardening, VPN-only binding
Hardening	Process isolation	PASS	systemd: ProtectSystem, PrivateTmp
Hardening	Secrets management	PASS	macOS Keychain, no .env files
i18n	Multi-language support	PASS	15 languages + RTL + Braille
Testing	Unit test coverage	PASS	141 Vitest tests
Testing	E2E test coverage	PASS	46 Playwright tests
Governance	Agent pattern library	PASS	38 YAML governance patterns
Governance	Framework comparison	PASS	8 frameworks, 8 dimensions

Attestation & Digital Signatures

We, the undersigned co-founders of the AiGovOps Foundation, hereby attest that the OpenClaw Installer system (v1.0) has been reviewed and assessed against the AiGovOps Framework v1.0 standards. The system demonstrates compliance with all four core pillars as documented in this report.

Bob Rapp

Co-Founder, AiGovOps Foundation

Former Vodafone, IBM Watson, GE Healthcare, Microsoft

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Co-Founder, AiGovOps Foundation

Ken Johnston

Co-Founder, AiGovOps Foundation

Former Microsoft, Ford Motor Company

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Digital Signature Metadata

Signing Algorithm: SHA-256

Document Hash: b45162403ba691f4a9efbbbf8a0e2d0677782731ccfa8aedc4d24cb1644af715

Signing Date: April 15, 2026

Report ID: AGOF-COMPL-2026-04-001

Framework Version: AiGovOps Framework v1.0

Chain Length: 9 entries

Genesis Hash: 0

Final Chain Hash: ffed6cc00c8bf80b8a3978b4d819848db868f15a02f2b53843665d15fdd7708b

AiGovOps Foundation
https://www.aigovopsfoundation.org/

OpenClaw Installer Repository
https://github.com/bobrapp/openclaw-installer

Live Demo
https://bobrapp.github.io/openclaw-installer/