

MaxOps – Reference Deployment Template & Simulation Layer

Version: 1.0

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License: MaxOneOpen License v2.2 – Structurally Enforced

1. Purpose

This document defines a minimal, functional reference deployment for MaxAudit-based systems. It enables internal teams to simulate a verified MaxOneInstance structure, execute audits, and understand structural flows without requiring production data.

2. Components of the Deployment

- MaxAudit Verifier container (read-only mode)
- Simulated MaxOneInstance (signed reference fork)
- Pre-seeded audit schema and result chain
- Dongle emulation stub (trigger response logic)
- Optional frontend snapshot (visual output)
- All in pseudonymized, cryptographic dummy state

3. Deployment Methods

- Docker Compose (default setup)
- Terraform (optional local VM provisioning)
- Airgap ISO image (for disconnected training labs)

4. Training Features

- Audit triggers via CLI or test harness
- Injection of deviations to observe Verifier response
- Result trace export for inspection
- AuditChain, License, Fork linkage all verifiable

5. Scope & Limitations

- Does not include production-ready signing keys
- Audit logic is operational, but audit output is non-certifiable
- Simulation is deterministic but not cryptographically active

6. Download & Documentation

- Template repository hosted in public MaxAudit Simulation Space
- Includes README, install script, component manifest, fork registry stub
- Updated quarterly with schema and Verifier releases