

Level5 External Admit Authority v1.0.2

External Deterministic Admission Layer

1. Context

AI systems increasingly initiate actions that produce irreversible side effects:

- financial transactions
- bulk communication
- data mutation
- external API execution
- automated contract execution

Most control systems operate after execution.

Level5 fixes the boundary before execution.

2. What Level5 Is

Level5 is an external admit authority layer that:

- receives execution intent
- evaluates it deterministically
- returns ALLOW or DENY
- signs the decision
- produces a deterministic decision hash
- supports replay verification

It is not logging.

It is not audit.

It is not monitoring.

It is a pre-execution admission boundary.

3. Operational Principle

1. A client forms an execution payload.
2. The payload is sent to the external authority.
3. The authority evaluates it deterministically.
4. A signed decision record is returned.
5. Verification checks may include:

- pinned public authority reference
- pinned public key hash
- deterministic replay

- decision hash verification
- fail-closed admission semantics

6. Any missing, invalid, unverifiable, expired, or denied admission results in fail-closed behavior.

No Admission = No Execution.

4. Architectural Properties

- External admit authority
- Deterministic replay guarantee
- Signed decision record
- Deterministic decision hash
- Pinned public key hash
- Public proof/status reference
- Domain-based public reference anchors
- Fail-closed semantics

5. Why It Matters

Level5 provides:

- a cryptographically fixed admission layer
- verifiable execution intent control
- replay-provable decisions
- externalized authority separation
- elimination of silent execution drift

It converts execution from implicit trust to explicit, verifiable authorization.

6. What It Is Not

Level5 is not:

- an enforcement gateway
- a SaaS platform
- a monitoring dashboard
- a key distribution system
- an uptime or SLA commitment
- a deployment package
- a commercial license
- an operational service promise

It is a cryptographically anchored admission boundary reference.

7. Fixed Public Reference Anchors (v1.0.2)

PUBLIC AUTHORITY REFERENCE

<https://admit.ai-admissibility.com/pubkey>

PUBLIC PROOF STATUS

<https://ai-admissibility.com/proof-status.json>

PUBLIC PROJECT SURFACE

<https://ai-admissibility.com/>

REFERENCE RECORD

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This artifact does not publish an operational raw IP endpoint.

Public references are domain-based verification and project surfaces only.

8. Prior Cryptographic Anchors

BUNDLE_SHA256

c0e1c5ff1d5285977ee1cdbc9cecb238d411286eecf60a91caf619d2ae9b7465

PUBLIC_KEY_SHA256

4aa640e6023e16347ec17cfc4a9cef29d4873b6bc8c6d40f43a97162faad29ca

IMAGE_DIGEST

sha256:6bb6709ebe520ff798cc08b8035d1e2acca71a9b0eeda0edeba16e7eb6f8bdf8

Source artifact version

v1.0.1

Source tag

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Source commit

3996c71

Anchor note

These cryptographic anchors are retained as prior fixed reference values from the v1.0.1 source artifact.

Version v1.0.2 updates the public reference presentation only and replaces the raw operational IP:port with domain-based public reference anchors.

9. Version Note

Version v1.0.2 replaces the raw operational IP:port presentation from v1.0.1 with domain-based public reference anchors.

This change is a public reference correction.

It does not grant deployment rights, implementation rights, commercial rights, evaluation rights, conformity rights, endorsement rights, or authoritative interpretation rights.

Any operational use, hosted access, commercial use, evaluation access, deployment, integration, or conformity assessment requires separate explicit written authorization from the author.

10. Status

Authority-Closed

Deterministic

Reproducible

Fail-Closed by Design

Public Reference Corrected