

An action is born scoped

Authority, permission, target enforcement and evidence stay connected to the same action.

The companion story, mapped through Actions Science

Deed, Gate, Chain

Three responsibilities across one governed action

DEED

Who has the right?

Authority and limits
for this exact action.

GATE

May this happen?

Decide before the effect.
The target enforces it.

CHAIN

Can others check it?

Evidence that survives
for independent review.

CHAIN retains authority and decisions before the effect,
then outcomes and later changes.

One exact action

The room-finding release used in the companion

Publish approved build 1.1 to Production

One permitted use.
Owner approval required before expiry.

Build 1.2 has different bytes.
It needs a new authorization.

Approval for build 1.1 cannot authorize build 1.2.

Content	Fixed build 1.1
Target	Production
Use	One permitted use
Time	Before expiry
Authority	Owner approval for 1.1

One action, five stages

Responsibilities run across. The action progresses down.

Stage	Existing systems	Governed action	CHAIN evidence
1 Define	AI, data, software Model, data, code checks	Pin exact build 1.1 Content, Production, parameters	Action identity and inputs
2 Authority	People and access Owners, roles, approvals	DEED: establish the right Test scope, then owner approval	Authority and policy versions
3 Decide	Policy engines Apply agreed rules	GATE: permit or refuse Bind decision to exact build	Permission or refusal
4 Enforce	Destination system Target controls	GATE: check at Production Match build, expiry and use	Observed result or refusal
5 Recheck	Audit and archives Independent reviewer	Recompute offline Evidence and trust inputs	Decision and history checked

A changed build stops. CHAIN retains the refusal and evidence at every stage.

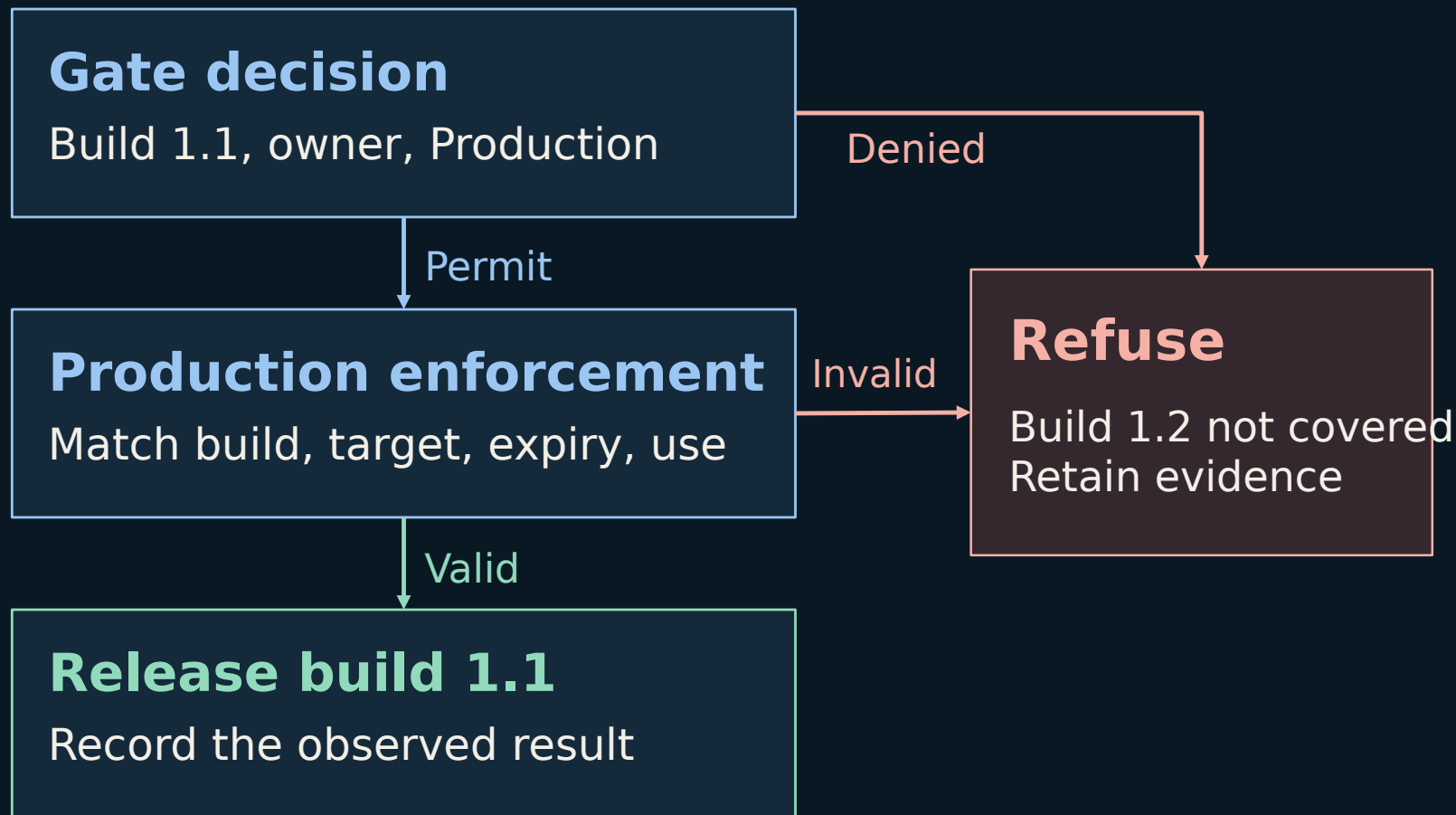
Permission meets the destination

Production checks whether permission covers the exact build.

Declared action surface

Test every declared route
that can deploy.

A bypass finding restricts
affected routes.



Independent review after the action

The gateway can stop. The evidence remains.

Before the effect

Build 1.1, authority, policy and permission or refusal

At the destination

Observed result: succeeded, failed or unknown

Through later change

Build 1.2 and later changes revocations and history



Two ways to connect the existing stack

Actions Science applies the same method and tests to either architecture.

Existing capabilities

Identity and access	Models and data	Apps and workflows	Destination systems	Audit and archives
------------------------	--------------------	-----------------------	------------------------	-----------------------

RSBIS

Deed, Gate, Chain bind the action across the integrated controls.

Complete Best-SAL construction

Mature components plus a complete binding architecture of their own.

Best-SAL describes a constructed alternative. Qualification depends on the whole path.

Six views of the whole journey

The six Actions Science pillars

Semantics

What exactly changes?

Execution

Where is permission enforced before the effect?

Continuity

What happens during failure, delay or change?

Each pillar applies across the action stages.

Authority

Who may authorize it, under which limits?

Evidence

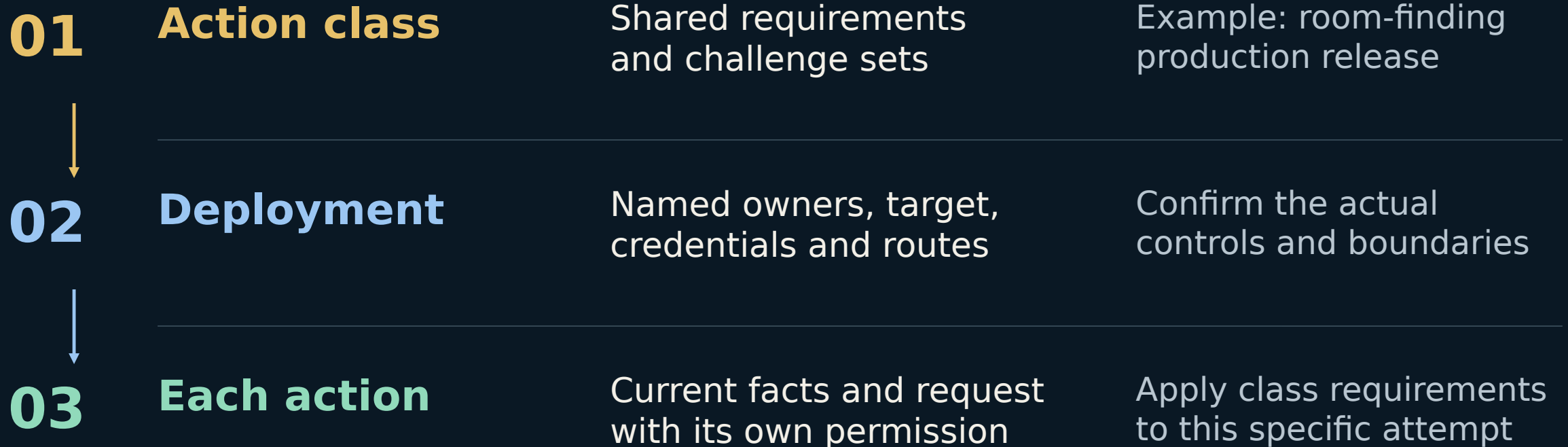
What can another person verify?

Assurance

How strong is the finding, and what challenges it?

Requirements that become reusable

The intended operating model for classes of actions



Relevant changes reopen the affected requirements and tests.

The Actions Science working cycle

Teams build and refine an action record together.



The cycle produces bounded findings and reusable requirements.

Six tests of the complete action path

Tests 1 to 3: authorization and execution

01 Pre-action decision + rejection

Make a deterministic decision before the effect. Refuse unauthorized actions and retain the refusal.

02 Historical policy + authority

Reconstruct the rules and legitimate authority that applied at that time.

03 Decision-bound execution

Approval for build 1.1 cannot authorize build 1.2, another target or a replay.

The tests assess the integrated path and its evidence.

Six tests of the complete action path

Tests 4 to 6: coverage and independent verification

04 Mediation assurance

Test the declared routes to the effect. Contradictions restrict affected operation.

05 Operator-independent replay

Recompute the decision offline using retained evidence and established trust inputs.

06 End-to-end semantic coherence

Keep identity, authority, permission, effect and verification tied to the same event.

Acceptance is bounded to the tested deployment, surface and trust assumptions.