DOCUMENTATION PAGE

# Preflight Delta, Queue Age, Blocker, and Ownership Analysis

# Preflight Delta, Queue Age, Blocker, and Ownership Analysis

This candidate-only analysis is for agent-orch maintainers reviewing the selected Internal Knowledge workstream. It compares exactly the three queue records declared by the product inputs and keeps product observations, platform-owned evaluation evidence, and unresolved ownership distinct. It does not schedule work, mutate queues, publish, promote, roll back, activate, change a release pointer, or write a live directory.

## Preflight Delta

The declared product records contain exactly three queues: `internal` / Internal Knowledge, `onboarding` / Employee Onboarding, and `customer` / Customer Education. Internal Knowledge remains the selected oldest underserved eligible queue with recorded age `3` and age rank `3`; Employee Onboarding records age `2` and age rank `2`; Customer Education records age `1` and age rank `1`. The recorded relative age differences are therefore one age-value unit from internal to onboarding and two from internal to customer, with onboarding one unit older than customer. These are comparisons of supplied values only: no time unit, timestamp, threshold, freshness window, or priority is inferred.

Nothing in this step changes either declared product record. The selection receipt still says all three queues are eligible in scheduling tier `1`, only Internal Knowledge is underserved, and Internal Knowledge is selected before item-level impact or feasibility. The new analysis page, its page-registry entry, its reader-journey manifest, and the deterministic projection are additional handoff outputs; they are not a queue update, scheduling command, or new queue authority. The queue registry also does not establish an independent queue-source identity or revision, so that provenance remains unresolved.

# Queue-Age Record

The queue-age record is reproduced without assigning a meaning to the numeric unit. Internal Knowledge has `age: 3`, `age_rank: 3`, `eligible: true`, `underserved: true`, and `scheduling_tier: 1`; its receipt reason says it is selected as the oldest eligible underserved workstream in the highest tier. Employee Onboarding has `age: 2`, `age_rank: 2`, `eligible: true`, `underserved: false`, and `scheduling_tier: 1`; it remains visible but is not selected because the ordered rule excludes a non-underserved queue before item-level scoring. Customer Education has `age: 1`, `age_rank: 1`, `eligible: true`, `underserved: false`, and `scheduling_tier: 1`; it remains visible for the same stated reason.

The difference between a recorded age value and a live queue-age fact is material. The inputs provide no queue-entered timestamps, clock, unit, freshness result, age threshold, or independent queue-source authority. The analysis therefore records values and ranks, not elapsed time or operational priority. No schedule follows from the comparison, and the two non-selected queues are not described as unimportant, infeasible, permanently excluded, or clear of failures.

# Failure-Coverage Matrix

Recent-failure coverage is an explicit omission for all three queues. No declared input supplies a per-queue failure sample, recent-failure window, timestamp, retry count, recurrence measure, affected claim, or affected work item. The omission does not mean that a queue is failing or that it is clear; it means the evidence needed to make either product conclusion is unavailable in this bounded record.

| Queue | Declared age / selection record | Recent-failure coverage | Owner route | Next action | Stop condition |
|---|---|---|---|---|---|
| `internal` / Internal Knowledge | `3` / rank `3`; eligible, underserved, tier `1`, selected | Missing; no per-queue sample, recurrence, retry, timestamp, or affected work is declared | Agent-orch maintainer or the evidence-producing queue/evaluation route; no individual is named | Request a governed recent-failure record for Internal Knowledge while preserving the supplied selection fields | Stop at candidate-only analysis if coverage or source authority is absent or contradictory; do not infer a failure or schedule work |
| `onboarding` / Employee Onboarding | `2` / rank `2`; eligible, not underserved, tier `1`, visible comparison | Missing; no per-queue sample, recurrence, retry, timestamp, or affected work is declared | Agent-orch maintainer or the evidence-producing queue/evaluation route; no individual is named | Request the same governed coverage record for Employee Onboarding rather than treating deferral as a failure result | Stop if coverage remains unavailable; do not infer that non-selection means clear, failing, or permanently deferred |
| `customer` / Customer Education | `1` / rank `1`; eligible, not underserved, tier `1`, visible comparison | Missing; no per-queue sample, recurrence, retry, timestamp, or affected | Agent-orch maintainer or the evidence-producing queue/evaluation route; no individual is named | Request the same governed coverage record for Customer Education and retain its | Stop if coverage remains unavailable; do not infer a customer-queue failure |

| Queue | Declared age / selection record | Recent-failure coverage | Owner route | Next action | Stop condition |
|---|---|---|---|---|---|
| | | work is declared | | comparison position | state, priority, or schedule |

The declared failure evidence is separate from the matrix. It records one attempt of `journey.resolve-reader-journey-harness-decision` using the exact command `python3 tests/check_documentation_smoke.py`, with exit status `1` and observed output `Operation not permitted` because the evaluator environment denied localhost socket access. This is an environment-specific evaluation blocker only. It does not establish a recurring product harness defect, retry count, affected claim, affected work item, or repair target, and it is not a per-queue recent-failure sample.

## Blocker Ownership

The localhost permission observation belongs to the platform-owned evaluator/environment route. The declared inputs do not name an individual platform owner, so owner identity is unresolved and must remain so. The product page author does not own a product repair for that observation. The missing recent-failure coverage for `internal`, `onboarding`, and `customer` belongs to the agent-orch maintainer or the evidence-producing queue/evaluation route that can supply a governed record; that is a role-level route, not an invented person or independent queue-source identity.

| Unresolved finding | Owner route | Next action | Explicit stop condition |
|---|---|---|---|
| Environment-specific localhost permission blocker | Platform-owned evaluator/environment route; individual identity unresolved | Request a permitted rerun of the exact journey and preserve its command, status, output, and recurrence fields | Stop without calling it a recurring product defect or naming a repair target |
| Missing recent-failure coverage for all three queues | Agent-orch maintainer or evidence-producing queue/evaluation route; individual identity unresolved | Request one governed record with per-queue samples, retries, recurrence, timestamps, source references, and affected work | Stop with omission if any required coverage is absent, stale, or contradictory |
| Independent queue-source identity and revision not established | Agent-orch maintainer or evidence-producing queue/evaluation route | Request an authoritative queue-source ID and revision before strengthening the comparison | Stop without assigning queue authority, freshness, threshold, or priority |
| Product defect or repair target not established | Analysis author preserves the unset status | Wait for product-specific governed feedback that names affected product work | Stop all product repair work until a defect and affected work are established |

The independent queue-source identity and revision are also unresolved. The maintainer route owns the next request for that provenance, and the stop condition is to withhold any stronger queue authority, freshness claim, threshold, or priority until an authoritative record supplies it. Product repair status is unresolved in a narrower sense: no product defect or repair target is established. The analysis author owns preserving that status, the next action is to wait for product-specific governed feedback, and the stop condition is no repair work until such feedback names a product issue and affected work. A later product repair, if actually established, remains limited to this analysis page, its synchronized registry entry, and its journey manifest under the declared contract.

The ownership boundary does not rewrite the failed observation. A later permitted evaluator may rerun the exact journey in an environment with the required reader service and socket access, but that follow-up remains platform-owned evidence. It may add recurrence, source references, affected work, and an owner; it may not be backfilled by this page or converted into a platform attestation by a product conclusion.

## Next Actions and Stop Conditions

The smallest permitted next action is to request one governed follow-up evaluation that preserves the exact journey ID, allowlisted command, exit status, observed output, retry or recurrence evidence, source references, affected work item, and recent-failure coverage for each of the three compared queues. Keep the candidate parked and preserve the current selection receipt, including the age values and ranks. Ask the evidence-producing queue or evaluation route to identify its authoritative queue-source identity and revision, and ask the platform-owned evaluator/environment route to retain the localhost-denied observation rather than replacing it.

Stop the analysis at the candidate-only boundary whenever recent-failure coverage, recurrence, affected work, or authoritative ownership is missing, stale, or contradictory. Also stop if a reader attempts to turn age values into a time threshold, a non-selected queue into a failure or clearance result, or the environment permission error into a recurring product defect. No queue mutation, schedule, approval, publication, promotion, rollback, activation, release-pointer change, live-directory write, or guessed repair prose is permitted by this record. The outcome remains unresolved coverage with no product repair target and no transition until governed evidence changes that conclusion.

## Acceptance Checks

- **AC-1 — Delta:** The reader verifies that the comparison contains exactly Internal Knowledge, Employee Onboarding, and Customer Education, records age values and ranks `3`, `2`, and `1`, and states relative deltas without inventing an age unit or queue authority.
- **AC-2 — Queue age:** The reader retains eligibility, underserved status, and tier for all three queues, confirms Internal Knowledge as the selected oldest underserved eligible queue, and does not infer a time threshold, freshness result, or schedule.
- **AC-3 — Failure coverage:** The reader preserves the exact one-attempt journey ID, command, exit status `1`, and `Operation not permitted` observation as an environment-specific evaluation

blocker, while recording per-queue recent-failure coverage, recurrence, retries, timestamps, affected work, and samples as missing.

- **AC-4 — Ownership:** The reader routes the environment observation to the platform-owned evaluator/environment route and missing queue coverage to the agent-orch maintainer or evidence-producing route, while stating that no named individual or independent queue-source owner is established.
- **AC-5 — Next action:** The reader recommends only a permitted follow-up evaluation capturing the missing evidence fields, preserves the candidate-only handoff, and leaves any product repair target unset.
- **AC-6 — Stop condition:** The reader stops when required coverage, recurrence, affected work, or ownership evidence is absent or contradictory and confirms that no queue mutation, scheduling, publication, promotion, rollback, activation, pointer, or live-directory action follows.

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**Provenance:** registry-listed (no candidate packet)
**Registry Source:** `content/preflight-delta-queue-age-blocker-ownership-analysis.md`