

P4-REQ-21-4-008

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Statement

Each implementation node artefact SHALL report or record observable behaviour according to the Phase 0 logging and exception-handling baseline.

Source

Part 4, Section 21.4: Logical Node Mapping Requirements.

Rationale

Observable implementation behavior is necessary for troubleshooting, review, operational understanding, testability, and later evidence planning.

Applying the Phase 0 logging and exception-handling baseline ensures that implementation node artefacts expose important lifecycle, processing, warning, failure, and recovery conditions consistently.

Applies To

This requirement applies to:

- implementation node artefacts;
- logging behavior;
- exception handling;
- health and status reporting; and
- applicable audit and provenance behavior.

Verification

Verification SHALL confirm that implementation node artefacts report or record observable behavior according to the Phase 0 baseline.

Verification activities should include review checks confirming that:

- required lifecycle and processing outcomes are recorded;
- warnings and failures are not silently suppressed;

- exception handling follows the approved pattern;
- recovery conditions are reportable where applicable; and
- observable information supports later Part 5 use.

Traceability

This requirement connects implementation node execution behavior to the Phase 0 logging, exception-handling, observation, and later evidence-planning concerns.

Related requirement identifiers:

- [P4-REQ-21-4-004](#)
- [P4-REQ-21-4-007](#)

Related source section:

- [21.4 Logical Node Mapping Requirements](#)

Status

Draft

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Last update: **2026/08/06 16:03**

