

P4-REQ-21-7-006

[Return to Requirements](#)

Statement

The Phase 0 Implementation Profile / PSM SHALL define Audit and Provenance Plane realization for audit records, provenance records, replay requests, replay results, lineage, reconstruction, and evidence-supporting relationships.

Source

Part 4, Section 21.7: Runtime Plane Realization Requirements.

Rationale

The Audit and Provenance Plane preserves information needed for accountability, lineage, replay, reconstruction, review, and later evidence use.

Defining a Phase 0 realization ensures that audit and provenance concerns are treated as governed architectural responsibilities rather than ordinary implementation logging.

Applies To

This requirement applies to:

- audit records;
- provenance records;
- replay requests;
- replay results;
- lineage and reconstruction information; and
- evidence-supporting implementation relationships.

Verification

Verification SHALL confirm that the Phase 0 Implementation Profile / PSM defines an Audit and Provenance Plane realization.

Verification activities should include review checks confirming that:

- audit records are supported;

- provenance records are supported;
- replay requests and replay results are supported where applicable;
- lineage and reconstruction information is preserved; and
- Audit and Provenance concerns remain distinct from ordinary logs and other Runtime Plane concerns.

Traceability

This requirement establishes the Phase 0 realization of the FX Logical Audit and Provenance Plane.

Related requirement identifiers:

- [P4-REQ-21-7-001](#)
- [P4-REQ-21-7-007](#)
- [P4-REQ-21-7-008](#)

Related source section:

- [21.7 Runtime Plane Realization Requirements](#)

Status

Draft

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:
<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:
https://wiki.didosolutions.com/dido/99_annexes/annex-d-requirements/part-04/p4-req-21-7-006

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

