

P2-REQ-16-6-006

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Statement

The [Logical Audit and Provenance Plane](#) SHALL support auditability, provenance, [Logical Information Lineage](#), reconstruction, replay, and defensibility.

Source

Part 2, Section 16.6: Logical Runtime Plane Requirements.

Rationale

The Logical Audit and Provenance Plane provides the architectural foundation for preserving historical information needed for auditability, provenance, reconstruction, replay, and defensible review. Maintaining these responsibilities within a dedicated Runtime Plane supports governance and evidence planning while remaining independent of logging, storage, or auditing technologies.

Applies To

This requirement applies to the Logical Audit and Provenance Plane.

It applies specifically to:

- Logical Audit and Provenance Plane;
- Logical Information Lineage;
- Audit activities;
- Provenance activities; and
- Evidence planning.

Verification

Verification SHALL confirm that the Logical Audit and Provenance Plane supports auditability, provenance, Logical Information Lineage, reconstruction, replay, and defensibility.

Verification activities should include review checks confirming that:

- audit responsibilities are assigned to the Runtime Plane;
- provenance and lineage activities are represented;

- replay and reconstruction are supported; and
- implementation technologies do not redefine the Runtime Plane.

Traceability

This requirement supports traceability among Logical Information Lineage, Logical Records, audit activities, provenance activities, and evidence expectations.

Related requirement identifiers:

- [p2-req-16-5-010](#)
- [p2-req-16-5-011](#)
- [p2-req-16-9-006](#)

Related source section:

- [16.6 Logical Runtime Plane Requirements](#)

Status

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