

P2-REQ-16-5-010

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Statement

A [Logical Record](#) SHALL represent a [Logical Data Structure Instance](#) preserved for continuity, review, audit, provenance, replay, reconstruction, or [Evidence](#).

Source

Part 2, Section 16.5: Logical Information Requirements.

Rationale

Logical Records preserve information beyond its immediate operational use. They provide the platform-independent foundation for auditability, provenance, replay, reconstruction, governance, and evidence planning while remaining independent of storage technologies and implementation mechanisms.

Applies To

This requirement applies to the Logical Information Model.

It applies specifically to:

- Logical Records;
- Logical Data Structure Instances;
- Audit and Provenance activities; and
- Evidence planning.

Verification

Verification SHALL confirm that each Logical Record represents a preserved Logical Data Structure Instance.

Verification activities should include review checks confirming that:

- Logical Records are explicitly identified;
- preserved information supports one or more stated architectural purposes;
- Logical Records remain platform independent; and

- implementation technologies do not redefine Logical Records.

Traceability

This requirement supports traceability between Logical Records, preserved Logical Data Structure Instances, audit information, provenance information, and evidence expectations.

Related requirement identifiers:

- [P2-REQ-16-5-011](#)
- [P2-REQ-16-7-008](#)
- [P2-REQ-16-7-009](#)

Related source section:

- [16.5 Logical Information Requirements](#)

Status

Draft

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Last update: **2026/07/11 12:57**

