P2-REQ-16-5-002

Return to Requirements

Statement

The Logical Architecture / PIM SHALL define logical information categories, including Logical Message, Logical Event, Logical Command, Logical Acknowledgement, Logical Assertion, Logical Record, and Logical Information Lineage.

Source

Part 2, Section 16.5: Logical Information Requirements.

Rationale

Logical information categories classify information according to its architectural purpose rather than its implementation representation. Establishing these categories provides a consistent vocabulary for communication, governance, traceability, auditability, and later implementation mapping across all Domain Logical Profiles.

Applies To

This requirement applies to the Logical Information Model.

It applies specifically to:

- Logical Messages;
- Logical Events;
- Logical Commands;
- Logical Acknowledgements;
- Logical Assertions;
- Logical Records; and
- Logical Information Lineage.

Verification

Verification SHALL confirm that the Logical Information Model defines each required logical information category.

Verification activities should include review checks confirming that:

- each logical information category is explicitly defined;
- each category has a distinct architectural purpose;
- categories remain platform independent; and
- Domain Logical Profiles preserve the inherited information categories.

Traceability

This requirement supports traceability between Logical Data Structure Instances and their architectural information categories.

Related requirement identifiers:

- p2-req-16-5-001
- p2-req-16-5-005
- p2-req-16-5-011

Related source section:

- 16.5 Logical Information Requirements

Status

Draft
