

# P2-REQ-16-9-007

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## Statement

[Logical Runtime Plane Traceability](#) SHALL relate logical interactions and information exchanges to their Logical Runtime Plane classification.

## Source

Part 2, Section 16.9: Logical Traceability Requirements.

## Rationale

Logical Runtime Plane Traceability preserves the architectural purpose assigned to each interaction and information exchange. Explicit Runtime Plane classification supports governance, review, impact analysis, and consistent architectural interpretation across multiple implementations.

## Applies To

This requirement applies to Logical Runtime Plane Traceability.

It applies specifically to:

- Logical Runtime Planes;
- Logical Interaction Patterns;
- Logical information exchanges; and
- Logical Communication Endpoints.

## Verification

Verification SHALL confirm that logical interactions and information exchanges are related to their Logical Runtime Plane classifications.

Verification activities should include review checks confirming that:

- Runtime Plane classifications are identified;
- interactions are consistently classified;
- information exchanges preserve Runtime Plane semantics; and
- Runtime Plane Traceability supports governance.

## Traceability

This requirement supports traceability between Logical Runtime Planes and the interactions and information exchanges assigned to them.

Related requirement identifiers:

- [P2-REQ-16-6-001](#)
- [P2-REQ-16-6-008](#)
- [P2-REQ-16-9-008](#)

Related source section:

- [16.9 Logical Traceability Requirements](#)

## Status

Draft

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