

P3-REQ-17-5-004

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Statement

Each FX logical Communication Endpoint SHALL preserve traceability to the Communication Endpoint from Part 1.

Source

Part 3, Section 17.5: FX Logical Communication Requirements.

Rationale

Preserving traceability to the Part 1 Conceptual Architecture ensures that each FX logical Communication Endpoint maintains a direct relationship to the conceptual communication constructs from which it is derived. This supports architectural governance, impact analysis, conformance assessment, and evidence generation while maintaining consistency across the layered architecture.

Maintaining this traceability enables reviewers to understand how domain-specific communication relationships evolve from the conceptual communication model established by the Reference Architecture.

Applies To

This requirement applies to every FX logical Communication Endpoint defined by the FX Demo Logical Profile.

It applies specifically to:

- communication endpoint traceability;
- architectural governance;
- logical communication architecture reviews;
- conformance assessments; and
- architectural maintenance.

Verification

Verification SHALL confirm that each FX logical Communication Endpoint preserves traceability to its

originating Communication Endpoint defined by the Part 1 Conceptual Architecture.

Verification activities should include review checks confirming that:

- traceability relationships are documented;
- originating Part 1 Communication Endpoints are identified;
- traceability remains complete throughout the profile; and
- traceability is maintained during architectural evolution.

Traceability

This requirement supports end-to-end architectural traceability from the Part 1 Conceptual Architecture through the Part 2 Logical Architecture to the FX Demo Logical Profile.

Related requirement identifiers:

- [P3-REQ-17-5-003](#)
- [P3-REQ-17-5-005](#)

Related source section:

- [17.5 FX Logical Communication Requirements](#)

Status

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