

P3-REQ-17-9-001

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Statement

The FX Demo Logical Profile SHALL define logical interaction patterns for FX.

Source

Part 3, Section 17.9: FX Logical Interaction Requirements.

Rationale

Logical interaction patterns define the platform-independent exchanges of information and responsibilities among FX logical Nodes. They provide the architectural description of how logical processing activities are coordinated while remaining independent of communication technologies, deployment mechanisms, and implementation frameworks.

By defining interaction patterns at the logical architecture level, the FX Demo Logical Profile establishes a consistent architectural foundation for interoperability, governance, traceability, and implementation independence across multiple Implementation Profiles.

Applies To

This requirement applies to the definition, maintenance, review, and evolution of the FX Demo Logical Profile.

It applies specifically to:

- logical interaction modeling;
- logical architecture;
- architectural governance;
- interoperability planning; and
- derived Implementation Profiles.

Verification

Verification SHALL confirm that the FX Demo Logical Profile defines logical interaction patterns for FX.

Verification activities should include review checks confirming that:

- logical interaction patterns are defined;
- interaction patterns remain platform independent;
- interaction patterns support the logical architecture; and
- interaction patterns are applied consistently throughout the profile.

Traceability

This requirement establishes the logical interaction model used throughout the FX Demo Logical Profile.

Related requirement identifiers:

- [P3-REQ-17-9-002](#)
- [P3-REQ-17-9-003](#)
- [P3-REQ-17-9-004](#)
- [P3-REQ-17-9-005](#)
- [P3-REQ-17-9-006](#)
- [P3-REQ-17-9-007](#)
- [P3-REQ-17-9-008](#)
- [P3-REQ-17-9-009](#)
- [P3-REQ-17-9-010](#)

Related source section:

- [17.9 FX Logical Interaction Requirements](#)

Status

Draft

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