

P3-REQ-17-7-001

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Statement

The FX Demo Logical Profile SHALL define participation in the FX Runtime Plane.

Source

Part 3, Section 17.7: FX Runtime Plane Requirements.

Rationale

Participation in the FX Runtime Plane establishes how the logical architectural elements of the FX Demo Logical Profile interact within the Runtime Plane model defined by the Reference Architecture. Defining Runtime Plane participation provides a consistent architectural foundation for organizing logical responsibilities, information exchange, governance, observability, and evidence while remaining independent of implementation technologies.

By defining Runtime Plane participation at the logical architecture level, the FX Demo Logical Profile enables multiple Implementation Profiles to realize the same architectural model using different deployment technologies without changing the architectural meaning.

Applies To

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

It applies specifically to:

- Runtime Plane participation;
- logical architectural modeling;
- Domain Logical Profile development;
- architectural governance; and
- derived Implementation Profiles.

Verification

Verification SHALL confirm that the FX Demo Logical Profile explicitly defines participation in the FX

Runtime Plane.

Verification activities should include review checks confirming that:

- Runtime Plane participation is defined;
- participating logical architectural elements are identified;
- Runtime Plane participation remains platform independent; and
- Runtime Plane participation is applied consistently throughout the profile.

Traceability

This requirement establishes Runtime Plane participation for the FX Demo Logical Profile while preserving traceability to the Runtime Plane concepts defined by Parts 1 and 2.

Related requirement identifiers:

- [P3-REQ-17-7-002](#)
- [P3-REQ-17-7-003](#)
- [P3-REQ-17-7-004](#)
- [P3-REQ-17-7-005](#)
- [P3-REQ-17-7-006](#)
- [P3-REQ-17-7-007](#)
- [P3-REQ-17-7-008](#)
- [P3-REQ-17-7-009](#)

Related source section:

- [17.7 FX Runtime Plane Requirements](#)

Status

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