

P3-REQ-17-12-002

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Statement

An Implementation Profile / PSM SHALL preserve the FX Demo Logical Profile defined in this part.

Source

Part 3, Section 17.12: Implementation Boundary Requirements.

Rationale

An Implementation Profile or Platform-Specific Model realizes the logical architecture rather than replacing or modifying it. Preserving the FX Demo Logical Profile ensures that all implementation decisions remain faithful to the platform-independent architecture while allowing implementation-specific technologies, deployment strategies, and runtime mechanisms to vary.

This preservation maintains architectural consistency, interoperability, governance, and conformance across different implementations.

Applies To

This requirement applies to every Implementation Profile and Platform-Specific Model derived from the FX Demo Logical Profile.

It applies specifically to:

- Implementation Profiles;
- Platform-Specific Models;
- implementation architecture;
- conformance assessment; and
- implementation governance.

Verification

Verification SHALL confirm that each Implementation Profile or Platform-Specific Model preserves the FX Demo Logical Profile.

Verification activities should include review checks confirming that:

- logical architectural meaning is preserved;
- implementation-specific realizations remain consistent with the logical profile;
- architectural relationships remain intact; and
- implementation choices do not modify the logical architecture.

Traceability

This requirement establishes preservation of the FX Demo Logical Profile within derived implementations.

Related requirement identifiers:

- [P3-REQ-17-12-001](#)
- [P3-REQ-17-12-003](#)
- [P3-REQ-17-12-004](#)
- [P3-REQ-17-12-005](#)

Related source section:

- [17.12 Implementation Boundary Requirements](#)

Status

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