

P2-REQ-16-10-006

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Statement

An Implementation Profile / PSM SHALL preserve the Logical Architecture / PIM defined in this part.

Source

Part 2, Section 16.10: Profile and Implementation Boundary Requirements.

Rationale

Implementation Profiles realise the Logical Architecture using selected technologies without redefining the underlying logical architecture. Preserving the Logical Architecture ensures that implementation remains consistent with the platform-independent architectural intent.

Applies To

This requirement applies to Implementation Profiles / PSMs.

It applies specifically to:

- Implementation Profiles;
- Platform-Specific Models; and
- Logical Architecture / PIM.

Verification

Verification SHALL confirm that every Implementation Profile preserves the Logical Architecture / PIM.

Verification activities should include review checks confirming that:

- logical meaning is preserved;
- implementation mappings do not redefine logical elements;
- technology selections remain implementation concerns; and
- traceability to the Logical Architecture is maintained.

Traceability

This requirement supports traceability between the Logical Architecture / PIM and Implementation Profiles.

Related requirement identifiers:

- [p2-req-16-10-007](#)
- [p2-req-16-10-008](#)

Related source section:

- [16.10 Profile and Implementation Boundary Requirements](#)

Status

Draft

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