

P2-REQ-16-9-012

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Statement

Logical [Traceability](#) SHALL support later traceability from logical elements to Domain Logical Profile elements, implementation artifacts, deployment artifacts, test scenarios, runtime observations, and [Evidence](#) records.

Source

Part 2, Section 16.9: Logical Traceability Requirements.

Rationale

The Logical Architecture serves as the foundation for later architectural products. Maintaining traceability from logical elements to Domain Logical Profiles, implementation artifacts, deployment artifacts, testing, runtime observations, and Evidence records supports lifecycle governance, verification, auditability, and architectural evolution.

Applies To

This requirement applies to the Logical Traceability Model.

It applies specifically to:

- Domain Logical Profiles;
- Implementation Profiles;
- Deployment Profiles;
- Test scenarios;
- Runtime observations; and
- Evidence records.

Verification

Verification SHALL confirm that Logical Traceability supports later lifecycle traceability.

Verification activities should include review checks confirming that:

- logical elements trace to later architectural artifacts;

- deployment and testing relationships are preserved;
- runtime observations can be related to logical elements; and
- Evidence records maintain architectural context.

Traceability

This requirement supports traceability from the Logical Architecture throughout implementation, deployment, testing, operations, and evidence collection.

Related requirement identifiers:

- [P2-REQ-16-10-001](#)
- [p2-req-16-10-008](#)
- [p2-req-16-10-010](#)

Related source section:

- [16.9 Logical Traceability Requirements](#)

Status

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