

16.9 Logical Traceability Requirements

Go To Top

1. The Logical Architecture / PIM SHALL define a Logical Traceability Model.
2. The Logical Traceability Model SHALL define [Traceability](#) from Part 1 conceptual elements to Part 2 logical elements.
3. The Logical Traceability Model SHALL define [Logical Node Traceability](#), [Logical Endpoint Traceability](#), [Logical Data Structure Traceability](#), [Logical Runtime Plane Traceability](#), [Logical Interaction Traceability](#), and [Logical Evidence Traceability](#).
4. [Logical Node Traceability](#) SHALL relate a [Logical Node](#) to its identities, roles, responsibilities, endpoints, interactions, Runtime Planes, governance relationships, and [Evidence](#) expectations.
5. [Logical Endpoint Traceability](#) SHALL relate a [Logical Communication Endpoint](#) to participating [Nodes](#), [Communication Roles](#), information structures, Runtime Planes, governance constraints, and [Evidence](#) expectations.
6. [Logical Data Structure Traceability](#) SHALL relate logical information structures and instances to definitions, [Nodes](#), endpoints, Runtime Planes, governance constraints, [lineage](#), and [Evidence](#) expectations.
7. [Logical Runtime Plane Traceability](#) SHALL relate logical interactions and information exchanges to their Logical Runtime Plane classification.
8. [Logical Interaction Traceability](#) SHALL relate a logical interaction pattern to [Nodes](#), roles, endpoints, information structures, Runtime Planes, governance constraints, and [Evidence](#) expectations.
9. [Logical Evidence Traceability](#) SHALL relate logical elements and interactions to [Evidence](#) expectations for later realisation, deployment, testing, and review.
10. Logical [Traceability](#) SHALL support forward review from the conceptual concern to the logical model.
11. Logical [Traceability](#) SHALL support backward review from logical element to conceptual source.
12. Logical [Traceability](#) SHALL support later traceability from logical elements to Domain Logical Profile elements, implementation artefacts, deployment artefacts, test scenarios, runtime observations, and [Evidence](#) records.
13. Logical [Traceability](#) SHALL NOT require artificial one-to-one correspondence where one-to-many or many-to-one relationships better represent the architecture.

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:
<https://wiki.didosolutions.com/> - Dido Solutions, Inc Wiki

Permanent link:
<https://wiki.didosolutions.com/xdemo/02-part/16-logical-requirements/16-9-logical-traceability-requirements/start?rev=1783114716>

Last update: 2026/07/03 14:38

