

Logical Node Responsibility

[Return to L Terms](#)

Discussion

Logical Node Responsibility describes the obligation, function, or accountability associated with a Logical Node or Logical Node Role.

Logical Node Roles identify categories of responsibility. Logical Node Responsibilities describe the specific responsibilities that a Logical Node carries within the logical architecture. Examples of responsibilities include producing, consuming, and validating information; preserving state; recording provenance; enforcing policy; reporting health; acknowledging commands; and supporting replay.

Logical Node Responsibilities help reviewers understand why a Logical Node exists, which interactions it participates in, which information structures it handles, and which evidence expectations apply to it.

Definition

Obligation, function, or accountability associated with a Logical Node or Logical Node Role.

Source

Specialization of Node Role and Traceability from Part 1, Sections 7.4 and 7.10; generalises responsibility material from the original FX Demo Reference Architecture.

Note

Logical Node Responsibility does not prescribe an implementation component, a team assignment, an operational owner, or a deployment unit. Later implementation, deployment, operation, or governance layers provide those associations when needed.

Example

A logical validation Node carries responsibility for receiving candidate transaction records, applying validation logic, publishing validation results, and recording provenance for each validation outcome.

[Return to Top](#)

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Last update: **2026/07/18 12:33**

