

P2-REQ-16-4-004

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Statement

A [Communication Role](#) SHALL identify how a [Logical Node](#) participates in a [Logical Communication Endpoint](#).

Source

Part 2, Section 16.4: Logical Communication Requirements.

Rationale

Communication Roles describe the manner in which Logical Nodes participate in logical exchanges. Separating participation from the endpoint itself provides a reusable and technology-independent means of modeling communication relationships while supporting multiple interaction patterns and architectural specialisations.

Applies To

This requirement applies to the Logical Communication Model.

It applies specifically to:

- Communication Roles;
- Logical Nodes;
- Logical Communication Endpoints; and
- Logical Interaction Patterns.

Verification

Verification SHALL confirm that each Communication Role identifies how a Logical Node participates in a Logical Communication Endpoint.

Verification activities should include review checks confirming that:

- Communication Roles are explicitly associated with Logical Nodes;
- Communication Roles define participation in Logical Communication Endpoints;
- participation remains platform independent; and

- Communication Roles support the Logical Interaction Patterns defined by the architecture.

Traceability

This requirement supports traceability between Logical Nodes, Communication Roles, Logical Communication Endpoints, and Logical Interaction Patterns.

Related requirement identifiers:

- [P2-REQ-16-4-001](#)
- [P2-REQ-16-4-003](#)
- [P2-REQ-16-7-001](#)

Related source section:

- [16.4 Logical Communication Requirements](#)

Status

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