

# P2-REQ-16-3-004

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## Statement

A [Logical Node Role](#) SHALL identify a platform-independent responsibility assigned to or performed by a [Logical Node](#).

## Source

Part 2, Section 16.3: Logical Node Requirements.

## Rationale

Logical Node Roles separate responsibilities from the Logical Nodes that perform them. This separation allows multiple Logical Nodes to perform the same role, a single Logical Node to perform multiple roles, and Domain Logical Profiles to specialise responsibilities without redefining the Logical Node concept.

## Applies To

This requirement applies to the definition, review, maintenance, and interpretation of Logical Node Roles.

It applies specifically to:

- Logical Node Roles;
- Logical Nodes;
- Responsibility assignment; and
- Domain Logical Profiles.

## Verification

Verification SHALL confirm that each Logical Node Role identifies a platform-independent responsibility.

Verification activities should include review checks confirming that:

- Logical Node Roles are explicitly defined;
- responsibilities are assigned independently of implementation technologies;

- Logical Nodes perform one or more Logical Node Roles; and
- Domain Logical Profiles preserve the meaning of inherited Logical Node Roles.

## Traceability

This requirement supports traceability between Logical Node Roles and the Logical Nodes that perform them.

Related requirement identifiers:

- [P2-REQ-16-3-001](#)
- [P2-REQ-16-3-003](#)
- [P2-REQ-16-3-005](#)

Related source section:

- [16.3 Logical Node Requirements](#)

## Status

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