

P2-REQ-16-6-002

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Statement

The [Logical Control Plane](#) SHALL support operational coordination among [Logical Nodes](#).

Source

Part 2, Section 16.6: Logical Runtime Plane Requirements.

Rationale

The Logical Control Plane provides the architectural foundation for coordinating the behavior of Logical Nodes. Separating operational coordination from information exchange and governance preserves a clear separation of architectural concerns while supporting platform-independent control interactions.

Applies To

This requirement applies to the Logical Control Plane.

It applies specifically to:

- Logical Control Plane;
- Logical Nodes;
- Control interactions; and
- Logical Interaction Patterns.

Verification

Verification SHALL confirm that the Logical Control Plane supports operational coordination among Logical Nodes.

Verification activities should include review checks confirming that:

- operational coordination responsibilities are assigned to the Logical Control Plane;
- participating Logical Nodes are identified;
- control interactions remain platform independent; and
- implementation technologies do not redefine the Logical Control Plane.

Traceability

This requirement supports traceability between Logical Control Plane interactions, Logical Nodes, and Logical Control interaction patterns.

Related requirement identifiers:

- [P2-REQ-16-6-001](#)
- [P2-REQ-16-7-005](#)
- [P2-REQ-16-7-006](#)

Related source section:

- [16.6 Logical Runtime Plane Requirements](#)

Status

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