

P2-REQ-16-6-004

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Statement

The [Logical Health and Observability Plane](#) SHALL support observation of operational condition and behavior.

Source

Part 2, Section 16.6: Logical Runtime Plane Requirements.

Rationale

The Logical Health and Observability Plane provides architectural support for observing the operational condition and behavior of the distributed system. Separating observability from operational control and domain information improves governance, monitoring, diagnostics, and architectural review while remaining independent of monitoring technologies.

Applies To

This requirement applies to the Logical Health and Observability Plane.

It applies specifically to:

- Logical Health and Observability Plane;
- Operational observation;
- Health reporting; and
- Behavior reporting.

Verification

Verification SHALL confirm that the Logical Health and Observability Plane supports observation of operational condition and behavior.

Verification activities should include review checks confirming that:

- operational condition is represented within the Logical Health and Observability Plane;
- behavioral observations are represented;
- observability concerns remain distinct from control and data concerns; and

- implementation technologies do not redefine the Runtime Plane.

Traceability

This requirement supports traceability between operational observations, Logical Nodes, and the Logical Health and Observability Plane.

Related requirement identifiers:

- [P2-REQ-16-6-001](#)
- [P2-REQ-16-7-002](#)
- [P2-REQ-16-9-004](#)

Related source section:

- [16.6 Logical Runtime Plane Requirements](#)

Status

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