

P4-REQ-21-15-005

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Statement

The Part 5 handoff SHALL identify QoS profile mappings.

Source

Part 4, Section 21.15: Part 5 Handoff Requirements.

Rationale

Part 5 requires the selected Phase 0 communication behavior when deploying and exercising DDS participants.

Including QoS profile mappings ensures that Part 5 uses the governed reliability, durability, history, ordering, liveliness, and compatibility expectations defined by Part 4.

Applies To

This requirement applies to:

- QoS profiles;
- DDS Topic mappings;
- publishers and subscribers;
- Runtime Plane mappings; and
- QoS configuration artifacts.

Verification

Verification SHALL confirm that the Part 5 handoff identifies applicable QoS profile mappings.

Verification activities should include review checks confirming that:

- applicable profiles are identified;
- associated DDS Topics are identifiable;
- publisher and subscriber compatibility expectations are available; and
- configuration sources are identifiable.

Traceability

This requirement carries the Part 4 QoS Profile Model into the Part 5 execution and deployment context.

Related requirement identifiers:

- [P4-REQ-21-9-001](#)
- [P4-REQ-21-9-012](#)
- [P4-REQ-21-15-006](#)

Related source section:

- [21.15 Part 5 Handoff Requirements](#)

Status

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