

P4-REQ-21-3-002

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Statement

The Phase 0 Implementation Profile / PSM SHALL identify DDS as the selected Phase 0 communication technology.

Source

Part 4, Section 21.3: Technology Selection Requirements.

Rationale

DDS provides the selected communication mechanism through which Phase 0 implementation participants realise applicable FX logical Communication Endpoints and interaction flows.

Explicitly identifying DDS as the Phase 0 communication technology establishes a controlled communication baseline while preserving the distinction between logical communication and its implementation realisation.

Applies To

This requirement applies to:

- Phase 0 implementation participants;
- DDS Topics;
- publishers and subscribers;
- communication configuration; and
- FX logical Communication Endpoint mappings.

Verification

Verification SHALL confirm that DDS is identified as the selected Phase 0 communication technology.

Verification activities should include review checks confirming that:

- Phase 0 communication mappings use DDS where required by the implementation baseline;
- DDS Topics realise selected FX logical Communication Endpoints;
- implementation participants use the applicable DDS communication mechanisms; and

- DDS usage remains distinguishable from the logical endpoint definitions.

Traceability

This requirement establishes the Phase 0 communication-technology realisation of selected FX logical Communication Endpoints.

Related requirement identifiers:

- [P4-REQ-21-3-001](#)
- [P4-REQ-21-3-003](#)
- [P4-REQ-21-3-004](#)

Related source section:

- [21.3 Technology Selection Requirements](#)

Status

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