

P4-REQ-21-9-011

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Statement

Each QoS profile mapping SHALL identify the configuration artifact that defines the profile.

Source

Part 4, Section 21.9: QoS Profile Requirements.

Rationale

A QoS profile must be tied to a governed configuration artifact so that its selected behavior can be reviewed, reproduced, changed, and versioned consistently.

Identifying the defining configuration artifact prevents QoS behavior from becoming an undocumented runtime choice.

Applies To

This requirement applies to:

- QoS profile mappings;
- configuration artifacts;
- DDS configuration;
- repository locations; and
- implementation governance.

Verification

Verification SHALL confirm that each QoS profile mapping identifies the configuration artifact that defines the profile.

Verification activities should include review checks confirming that:

- the configuration artifact is identifiable;
- the artifact resides in an approved repository location;
- the defined profile matches the mapping;
- changes are governed; and

- the applicable configuration version is reviewable.

Traceability

This requirement connects each Phase 0 QoS profile mapping to its governed configuration source.

Related requirement identifiers:

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

Related source section:

- [21.9 QoS Profile Requirements](#)

Status

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