

13.7 Policy and Release Plane QoS Profile

Go To Phase 0 QoS Profile Model

The Policy and Release Plane QoS profile supports policy decisions and authorized release packages.

Policy and release communication must support governed release, release accountability, recipient context, policy decision review, release obligation review, and audit/provenance support. The Phase 0 implementation must preserve the distinction between internal Data Plane availability and authorized external release.

Table 13-4: Policy and Release Plane QoS profile.

QoS Concern	Phase 0 Treatment
Runtime Plane	FX Logical Policy and Release Plane
Example DDS Topics	Policy.FX.PolicyDecision; Policy.FX.ReleasePackage
Communication purpose	Exchange policy decisions, release packages, recipient context, release obligations, and authorized oversight information
Reliability expectation	Reliable delivery for policy decisions and release packages where Phase 0 demonstrates governed release
Durability expectation	Sufficient durability to support review of release decisions and release packages where Phase 0 requires it
History expectation	Retain enough policy and release history to support audit, provenance, and demonstration review
Ordering expectation	Preserve ordering where policy decisions and release packages have dependency relationships
Liveliness expectation	Support detection of unavailable policy, release, or oversight participants where Phase 0 requires it
Compatibility expectation	Policy and release publishers and consumers use compatible QoS profiles for relevant Topics
Traceability expectation	QoS profile traces to FX Policy Decision Communication Endpoint , FX Release Package Endpoint, FX Policy Decision, FX Release Package, and FX Logical Policy and Release Plane

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