

12.10 Request FX Policy Decision

Go To Phase 0 Interaction Pattern Realization

The Request FX Policy Decision pattern realizes Phase 0 policy evaluation for governed handling or release of FX information.

The implementation participant performing the Policy Evaluation Role consumes or receives selected FX information and release context, applies the selected Phase 0 policy evaluation approach, produces an FX Policy Decision, and publishes that decision to the policy decision DDS Topic.

Table 12-8: Request FX Policy Decision implementation realization.

Realization Concern	Phase 0 Implementation Treatment
FX logical interaction pattern	Request FX Policy Decision
Primary implementation participant	Policy and release implementation participant
Primary Runtime Plane	FX Logical Policy and Release Plane
Supporting Runtime Planes	FX Logical Data Plane; FX Logical Audit and Provenance Plane
Input DDS Topics	Selected Data Plane Topics as required by Phase 0
Output DDS Topic	Policy.FX.PolicyDecision
Primary IDL / generated types	FxPolicyDecision; selected source-information generated types
Expected processing outcome	Implementation publishes a policy decision with evaluated information, intended recipient, purpose, decision result, rationale, obligations, producing participant, and timestamp.
Logging and exception handling	Missing source information, missing policy context, policy evaluation failure, denied release, publication failure, and retry conditions follow the logging and exception-handling baseline.
Audit and provenance expectation	Policy decision records preserve source references, policy context, decision rationale, obligations, producing participant, and timestamp.
Traceability expectation	Interaction traces to FX Policy and Release Node, Policy Evaluation Role, FX Policy Decision Endpoint, FX Policy Decision, and implementation participant.

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