

8.14 External Oversight Participant Mapping

Go To Mapping from FX Logical Nodes to Implementation Artifacts

The External Oversight Participant maps to the Phase 0 implementation artifact, test participant, demonstration participant, or simulated subscriber that receives authorized release information.

The implementation artifact performs the Oversight Consumption [Role](#). It consumes the implementation representation of the FX Release Package through the selected communication mechanism. It supports demonstrating a governed release without accessing internal FX Logical Data Plane information beyond the authorized release.

Table 8-12: External Oversight Participant implementation mapping.

Mapping Concern	Phase 0 Implementation Treatment
FX logical Node	External Oversight Participant
Primary Node Role	Oversight Consumption Role
Primary Runtime Plane	FX Logical Policy and Release Plane
Supporting Runtime Planes	FX Logical Audit and Provenance Plane
Primary implementation responsibility	Receive authorized FX Release Package information.
Primary DDS interaction	Subscribe to the DDS Topic that realizes the FX Release Package Endpoint, where Phase 0 models external oversight through DDS.
Primary data artifact	IDL and the generated type representing the FX Release Package.
Supporting artifacts	Demonstration subscriber, release receipt helper, logging helper, and traceability metadata.
Traceability expectation	Implementation artifact traces to the External Oversight Participant, Oversight Consumption Role, FX Release Package Endpoint, and the FX Release Package.

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