

9.17 Endpoint-to-Topic Mapping Summary

[Go To Mapping from FX Logical Communication Endpoints to DDS Topics](#)

The Phase 0 Implementation Profile maps selected FX logical [Communication Endpoints](#) to [DDS Topics](#) that realize endpoint-level information exchange for the Phase 0 implementation baseline.

Table 9-14: Summary of FX logical Communication Endpoint to DDS Topic mappings.

FX Logical Communication Endpoint	DDS Topic	Primary Information Structure	Primary Runtime Plane
FX Transaction Intake Endpoint	Data.FX.TransactionCandidate	FX Transaction Candidate	FX Logical Data Plane
FX Validation Result Endpoint	Data.FX.ValidationResult	FX Validation Result	FX Logical Data Plane
FX Semantic Interpretation Endpoint	Data.FX.SemanticAssertion	FX Semantic Assertion	FX Logical Data Plane
FX Contract State Endpoint	Data.FX.ContractState	FX Contract State	FX Logical Data Plane
FX Cash-Flow Obligation Endpoint	Data.FX.CashFlowObligation	FX Cash-Flow Obligation	FX Logical Data Plane
FX Policy Decision Endpoint	Policy.FX.PolicyDecision	FX Policy Decision	FX Logical Policy and Release Plane
FX Release Package Endpoint	Policy.FX.ReleasePackage	FX Release Package	FX Logical Policy and Release Plane
FX Audit Record Endpoint	Audit.FX.AuditRecord	FX Audit Record	FX Logical Audit and Provenance Plane
FX Provenance Record Endpoint	Audit.FX.ProvenanceRecord	FX Provenance Record	FX Logical Audit and Provenance Plane
FX Node Status Endpoint	Health.FX.NodeStatus	FX Node Status	FX Logical Health and Observability Plane
FX Control Command Endpoint	Control.FX.ControlCommand	FX Control Command	FX Logical Control Plane
FX Control Command Endpoint	Control.FX.CommandAcknowledgement	FX Command Acknowledgement	FX Logical Control Plane
FX Replay Request Endpoint	Audit.FX.ReplayRequest	FX Replay Request	FX Logical Audit and Provenance Plane
FX Replay Result Endpoint	Audit.FX.ReplayResult	FX Replay Result	FX Logical Audit and Provenance Plane

The summary records Phase 0 topic mappings only. Later development phases may extend, refine, supersede, or replace these mappings while preserving [traceability](#) to the applicable FX logical Communication Endpoints and implementation artifacts.

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