

13.9 QoS Profile Mapping Summary

Go To Phase 0 QoS Profile Model

The Phase 0 QoS Profile Model maps [Runtime Plane](#) purposes and [DDS](#) Topic families to selected QoS profile families.

Table 13-6: Summary of Phase 0 QoS profile mappings.

QoS Profile Family	Primary Runtime Plane	Example DDS Topics	Primary Purpose
Control Plane QoS profile	FX Logical Control Plane	Control.FX.ControlCommand; Control.FX.CommandAcknowledgement	Coordinate commands, acknowledgments, retry, recovery, and operational control
Data Plane QoS profile	FX Logical Data Plane	Data.FX.TransactionCandidate; Data.FX.ValidationResult; Data.FX.SemanticAssertion; Data.FX.ContractState; Data.FX.CashFlowObligation	Carry FX transaction, validation, semantic, contract state, and cash-flow information
Health and Observability Plane QoS profile	FX Logical Health and Observability Plane	Health.FX.NodeStatus	Report Node status, lifecycle state, degradation, failure, and recovery
Policy and Release Plane QoS profile	FX Logical Policy and Release Plane	Policy.FX.PolicyDecision; Policy.FX.ReleasePackage	Support governed release, policy decisions, release packages, and obligations
Audit and Provenance Plane QoS profile	FX Logical Audit and Provenance Plane	Audit.FX.AuditRecord; Audit.FX.ProvenanceRecord; Audit.FX.ReplayRequest; Audit.FX.ReplayResult	Support audit, provenance, lineage, replay, reconstruction, and review

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