

9.13 FX Node Status Topic Mapping

Go To Mapping from FX Logical Communication Endpoints to DDS Topics

The FX Node Status [Endpoint](#) maps to the [DDS](#) Topic that carries the Phase 0 implementation representation of FX Node Status information.

Table 9-10: FX Node Status Endpoint to DDS Topic mapping.

Mapping Concern	Phase 0 Implementation Treatment
FX logical Communication Endpoint	FX Node Status Endpoint
DDS Topic	Health.FX.NodeStatus
Primary information structure	FX Node Status
IDL structure / generated type	Phase 0 representation of the FX Node Status
Producing Node Role	Health Reporting Role
Consuming Node Roles	Health Reporting Role; Registry and Coordination Role; Audit Recording Role
Primary Runtime Plane	FX Logical Health and Observability Plane
Supporting Runtime Planes	FX Logical Control Plane; FX Logical Audit and Provenance Plane
QoS profile family	Health and Observability Plane QoS profile
Traceability expectation	DDS Topic traces to the FX Node Status Endpoint and the FX Node Status.

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