

9.2 Topic Mapping Principles

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The Phase 0 Implementation Profile applies the following principles when mapping FX logical [Communication Endpoints](#) to [DDS Topics](#).

Each DDS Topic mapping identifies:

- the FX logical Communication Endpoint it realizes;
- the FX logical information structure carried by the endpoint;
- the [IDL](#) structure and generated type used for the Phase 0 exchange;
- the producing FX logical [Node](#) or [Node Role](#);
- the consuming FX logical Node or Node Role;
- the [Runtime Plane](#) or Runtime Planes associated with the exchange;
- the Quality of Service (QoS) profile or QoS profile family used for the Topic;
- the applicable governance, versioning, and compatibility expectations; and
- the traceability relationship back to the Part 3 FX logical Communication Endpoint.

The mapping does not require every future endpoint to exist in Phase 0. Phase 0 maps only the selected endpoints needed for the implementation baseline.

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