

8.8 FX Cash-Flow Computation Node Mapping

[Go To Mapping from FX Logical Nodes to Implementation Artifacts](#)

The FX Cash-Flow Computation [Node](#) maps to the Phase 0 implementation artifact that computes projected or derived FX cash-flow obligations from FX Contract State and related context.

The implementation artifact performs the Cash-Flow Computation [Role](#). It consumes FX Contract State and related semantic or transaction context, applies the selected Phase 0 computation approach, produces an implementation representation of FX Cash-Flow Obligation, and publishes that obligation through the [DDS](#) Topic that realizes the FX Cash-Flow Obligation [Endpoint](#).

Table 8-6: FX Cash-Flow Computation Node implementation mapping.

Mapping Concern	Phase 0 Implementation Treatment
FX logical Node	FX Cash-Flow Computation Node
Primary Node Role	Cash-Flow Computation Role
Primary Runtime Plane	FX Logical Data Plane
Supporting Runtime Planes	FX Logical Audit and Provenance Plane
Primary implementation responsibility	Compute projected or derived FX cash-flow obligations.
Primary DDS interactions	Subscribe to the DDS Topic that realizes the FX Contract State Endpoint; publish to the DDS Topic that realizes the FX Cash-Flow Obligation Endpoint.
Primary data artifacts	IDL and generated types representing the FX Contract State and the FX Cash-Flow Obligation.
Supporting artifacts	Computation helper module, model or calculation configuration, logging helper, and traceability metadata.
Traceability expectation	Implementation artifact traces to the FX Cash-Flow Computation Node, Cash-Flow Computation Role, FX Contract State Endpoint, FX Cash-Flow Obligation Endpoint, and FX Cash-Flow Obligation.

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