

6.1 Overview

Go To FX Demo Logical Node Model

The FX Demo Logical Node Model specialises the Part 2 [Logical Node](#) Model for the [Foreign Exchange Domain](#).

An FX logical [Node](#) represents a platform-independent participant in the FX Demo Logical Profile. Each FX logical [Node](#) performs one or more FX logical [Node Roles](#), participates in one or more FX logical [Runtime Planes](#), uses one or more FX logical [Communication Endpoints](#), and handles one or more FX logical information structures.

The FX Demo Logical Node Model identifies logical responsibilities before later parts select execution mechanisms or deployment mechanisms. Part 4 maps FX logical [Nodes](#) to implementation artefacts. Part 5 deploys, tests, observes, and provides [Evidence](#) for those implementation artefacts.

The FX Demo Logical Node Model does not prescribe processes, services, containers, pods, virtual machines, libraries, threads, tasks, [RPC](#) endpoints, [REST](#) resources, [DDS](#) participants, or deployment artefacts. Implementation and deployment profiles select those realisation mechanisms.

Figure 6-1 summarises the primary FX logical Nodes used by the FX Demo Logical Profile.

```
FX Demo Logical Node Network
├── FX Transaction Intake Node
├── FX Validation Node
├── FX Semantic Interpretation Node
├── FX Contract State Node
├── FX Cash-Flow Computation Node
├── FX Policy and Release Node
├── FX Audit and Provenance Node
├── FX Health and Observability Node
├── FX Registry and Coordination Node
├── FX Replay and Reconstruction Node
└── External Oversight Participant
```

Figure 6-1: FX Demo Logical Node Network.

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