

4.3 Distributed FX Node Network

Go To FX Demo Logical Profile Principles

The FX Demo Logical Profile organizes the FX Demo as a distributed network of identifiable FX logical [Nodes](#).

Each FX logical [Node](#) performs one or more FX logical [Node Roles](#), participates in one or more FX [Runtime Planes](#), communicates through explicit FX logical [Communication Endpoints](#), and handles FX logical information structures.

The distributed FX [Node](#) network supports separation of responsibilities. Transaction intake, validation, semantic interpretation, contract state management, cash-flow computation, policy and release, audit and provenance, health and observability, registry and coordination, replay and reconstruction, and oversight consumption remain distinguishable at the logical level.

This logical distribution does not prescribe separate machines, processes, services, containers, pods, threads, tasks, or deployment units. Implementation and deployment profiles select those realization mechanisms.

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