

13.4 Core Conceptual Element Requirements

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1. The Conceptual Architecture SHALL define Node, Node Identity, Node Role, Runtime Plane, Communication Endpoint, Data Structure Definition, Data Structure Instance, Evidence, and Traceability as core conceptual elements.
2. The Conceptual Architecture SHALL distinguish a Node as an architectural participant in a distributed financial system.
3. A Node Identity SHALL uniquely distinguish a Node within a defined architectural context.
4. A Node Role SHALL identify a responsibility performed by a Node.
5. A Runtime Plane SHALL classify runtime communication and behaviour by architectural purpose.
6. A Communication Endpoint SHALL identify a point of information exchange used by one or more Nodes.
7. A Data Structure Definition SHALL describe the structure, meaning, and constraints of a class of information.
8. A Data Structure Instance SHALL identify a populated occurrence of a Data Structure Definition.
9. Evidence SHALL identify recorded information supporting a claim.
10. Traceability SHALL identify a relationship connecting one architectural, logical, implementation, deployment, or evidence element to another.
11. The Conceptual Architecture SHALL distinguish among a Node, a Node Role, a Node Identity, a Communication Endpoint, a Data Structure Definition, a Data Structure Instance, a Runtime Plane, an implementation artefact, and a deployment artefact.
12. The Conceptual Architecture SHALL distinguish a Data Structure Definition from a Data Structure Instance.
13. The Conceptual Architecture SHALL distinguish a Communication Endpoint from the information exchanged through that endpoint.

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