

15.2 Logical Nodes Remain Distinct from Runtime Deployments

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A [Logical Node](#) represents a platform-independent participant in the logical architecture. It does not represent a process, service, container, pod, virtual machine, serverless function, thread, task, library, subroutine, RPC endpoint, REST resource, DDS participant, or deployment artefact.

Implementation profiles select execution mechanisms that realise [Logical Nodes](#). Deployment profiles then describe how those implementation artefacts run in a concrete environment.

A single runtime artefact implements several [Logical Nodes](#) when the selected implementation approach combines responsibilities. Several runtime artefacts implement a single [Logical Node](#) when the selected implementation approach distributes responsibility. Neither choice redefines the [Logical Node](#).

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