

12.6 Logical Architecture Provides the Basis for Implementation Profiles

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Implementation profiles use the [Logical Architecture](#) / [PIM](#) as their source for technology mapping.

For example, a later implementation profile may map:

- Logical [Communication Endpoint](#) to a DDS Topic
- Logical [Data Structure Definition](#) to an IDL structure
- Logical [Node](#) to a Python process or service
- Logical [Runtime Plane](#) to a topic namespace, partition, or configuration grouping
- Logical [Evidence](#) class to a test output, captured message, audit record, or evidence package

Those implementation mappings realize the logical architecture for a selected technology stack. They do not redefine the logical elements or the conceptual elements behind them.

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