

4.4 Logical Meaning Before Physical Realization

[Go to Top](#)

The architecture defines logical meaning before physical realization.

A [Node](#) has a [Node Role](#) and [Node Identity](#) before an implementation profile decides whether it runs as a process, container, pod, virtual machine, or service. A [Runtime Plane](#) serves an architectural purpose, while an implementation profile decides whether to represent it through topic naming, DDS partitions, Kubernetes namespaces, network segmentation, or security policy.

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:

<https://wiki.didosolutions.com/> - Dido Solutions, Inc Wiki

Permanent link:

<https://wiki.didosolutions.com/fxdemo/01-part/05-conceptual-architecture-principles/05-4-logical-meaning-before-physical-realisation?rev=1785852490>

Last update: 2026/08/04 07:08

