

Operational Lifecycle State

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Discussion

An Operational Lifecycle State identifies the condition of an operational subject at a particular point within an [Operational Lifecycle](#).

The governing Operational Lifecycle defines:

- The permitted Operational Lifecycle States
- The events associated with state transitions
- The permitted transitions between Operational Lifecycle States
- The conditions that govern each transition

An Operational Lifecycle State represents one state within the Operational Lifecycle of an operational subject.

Examples of operational subjects include:

- An [Infrastructure Environment](#)
- An [Infrastructure Configuration](#)
- An [Infrastructure Blueprint](#)
- A [Machine Image](#)
- A deployed service
- A software component
- A controlled [Artifact](#)

Examples of Operational Lifecycle States include:

- Defined
- Created
- Configured
- Validated
- Approved
- Provisioned
- Deployed
- Active
- Operational
- Under Maintenance
- Modified
- Recovering
- Replaced
- Retired
- Decommissioned
- Archived

The governing Operational Lifecycle determines the Operational Lifecycle States that apply to an operational subject.

Definition

condition of an operational subject at a particular point within an [Operational Lifecycle](#)

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

An Operational Lifecycle State identifies the operational subject's position within its Operational Lifecycle.

An Operational Lifecycle State does not represent the complete configuration, resource inventory, runtime condition, or observed technical condition of the operational subject.

An operational subject progresses from one Operational Lifecycle State to another through a permitted transition when the applicable transition conditions are satisfied.

The plural display text [Operational Lifecycle States](#) refers to multiple instances of this singular concept.

Example

An Infrastructure Environment occupies the Operational Lifecycle State **Deployed** after its deployment transition completes and the conditions defined for the Deployed state are satisfied.

An activation event transitions the Infrastructure Environment from the Deployed state to the Operational state when the applicable transition conditions are satisfied.

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