

Workload

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Discussion

A Workload is a deployable or operational computing subject that performs an application, service, processing, platform, or data function.

A Workload may include:

- Executable software
- Runtime configuration
- Processing logic
- Data
- Dependencies
- Network endpoints
- Storage relationships
- Identity and access configuration
- Resource requirements
- Operational metadata

A Workload may operate through:

- A [Virtual Machine](#)
- A container
- A group of containers
- A physical computing resource
- A serverless execution environment
- A distributed computing platform

A Workload differs from an [Image](#):

- An Image is an Artifact used to instantiate a computing subject
- A Workload is the deployable or operational subject that performs a computing function

A Workload may be instantiated from one or more Images.

Definition

deployable or operational computing subject that performs an application, service, processing, platform, or data function

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

A Workload may be:

- Stateful
- Stateless
- Persistent
- Temporary
- Centralized
- Distributed
- Interactive
- Batch-oriented
- Event-driven

The term does not prescribe a particular runtime, orchestration platform, operating system, execution model, provider, or implementation technology.

Example

A transaction-processing service and its runtime configuration form a Workload deployed to an Infrastructure Environment.

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