

Containerized Workload

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Discussion

A Containerized Workload is a [Workload](#) realized through one or more containers and their associated runtime configuration.

A Containerized Workload may include:

- One or more [Container Images](#)
- Container instances
- Runtime parameters
- Resource requirements
- Network configuration
- Storage configuration
- Identity and access configuration
- Security controls
- Service-discovery configuration
- Scaling configuration
- Health-check configuration

A Containerized Workload may perform:

- An application function
- A service function
- A processing function
- A platform function
- A data-management function

A Containerized Workload differs from a Container Image:

- A Container Image packages the content required to instantiate a container
- A Containerized Workload is the Workload realized through one or more instantiated containers

A Containerized Workload may use multiple Container Images and may include multiple cooperating container instances.

Definition

[workload](#) realized through one or more containers and their associated runtime configuration

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

A Containerized Workload does not require Kubernetes. It may operate through any applicable container runtime or orchestration platform.

The term does not prescribe:

- A container-image format
- A container runtime
- An orchestration platform
- A deployment topology
- A provider implementation

Example

A web service consisting of an application container, a supporting sidecar container, network configuration, storage relationships, and resource limits forms a Containerized Workload.

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