

Infrastructure Resource

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Discussion

An Infrastructure Resource is a resource that supplies computing, storage, networking, security, identity, management, or related capabilities within an [Infrastructure Environment](#).

Infrastructure Resources may include:

- Physical computing resources
- Virtual computing resources
- Storage resources
- Network resources
- Identity resources
- Security resources
- Load-balancing resources
- Monitoring resources
- Logging resources
- Name-resolution resources
- Key-management resources
- Provider-managed services

An Infrastructure Resource may be:

- Created
- Configured
- Allocated
- Associated with other resources
- Updated
- Replaced
- Released
- Transferred
- Retired

An Infrastructure Resource differs from an [Infrastructure Configuration](#):

- An Infrastructure Resource supplies an infrastructure capability
- An Infrastructure Configuration specifies the desired state of Infrastructure Resources and their relationships

An Infrastructure Resource may be physical, virtual, logical, or provider-managed.

Definition

resource that supplies computing, storage, networking, security, identity, management, or related capability within an [Infrastructure Environment](#)

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

An Infrastructure Resource does not by itself establish that the resource is:

- Configured correctly
- Authorized for use
- Compliant with an applicable [Baseline](#)
- Available
- Secure
- Suitable for a specified purpose

Separate requirements govern those determinations.

The term does not prescribe a particular provider, resource model, deployment technology, management interface, or implementation platform.

Example

A virtual network, compute instance, storage volume, identity role, and logging service are Infrastructure Resources within a production Infrastructure Environment.

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