

Deployment Baseline

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Discussion

A Deployment Baseline is a specialization of [Baseline](#) that establishes an approved reference for the [Artifacts](#), configuration, parameters, relationships, and constraints used for a deployment.

The general concept of Baseline provides the controlled reference against which a subject can be compared, evaluated, changed, or restored.

A Deployment Baseline applies that concept to a deployment and may identify:

- Deployable Artifacts
- Artifact revisions
- [Infrastructure Configurations](#)
- [Infrastructure Blueprints](#)
- [Machine Images](#)
- Platform components
- Deployment specifications
- Required parameters
- Component relationships
- Target-environment constraints
- Applicable [Security Baselines](#)
- Applicable [Acceptance Criteria](#)

A Deployment Baseline differs from an [Infrastructure Baseline](#):

- An Infrastructure Baseline establishes the approved reference for infrastructure characteristics
- A Deployment Baseline establishes the approved reference for the complete set of controlled inputs and conditions used to perform a deployment

A Deployment Baseline may incorporate or reference an Infrastructure Baseline, Security Baseline, platform baseline, or other subordinate Baseline.

A Deployment Baseline also differs from a deployment record:

- The Deployment Baseline identifies the approved reference used to perform a deployment
- The deployment record identifies what occurred during a particular deployment execution

Definition

[baseline](#) that establishes an approved reference for the artifacts, configuration, parameters, relationships, and constraints used for a deployment

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

A Deployment Baseline should have an identifiable revision so an evaluator can determine which reference applied to a particular deployment.

A Deployment Baseline may apply to:

- [Infrastructure Deployment](#)
- [Platform Deployment](#)
- Application deployment
- Combined deployment workflows

Approval of a Deployment Baseline does not establish that a deployment succeeded or that the deployed result satisfies the applicable Acceptance Criteria.

The applicable deployment record may identify:

- The Deployment Baseline revision used
- The target Infrastructure Environment
- The deployment start and completion events
- The observed results
- Deviations from the Deployment Baseline
- Generated [Evidence](#)

The term does not prescribe a particular deployment tool, orchestration product, repository, platform, or implementation technology.

Example

A Deployment Baseline identifies the Infrastructure Configuration, Machine Image revision, platform packages, Security Baseline, deployment parameters, and Acceptance Criteria used to perform a Platform Deployment within a production Infrastructure Environment.

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