

Platform Specific Information

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Discussion

Platform Specific Information expresses implementation details associated with a particular implementation platform.

Platform Specific Information may identify:

- Provider products
- Resource types
- Service names
- Interface identifiers
- Image identifiers
- Machine types
- Regions
- Availability zones
- Network identifiers
- Storage classes
- Runtime versions
- Package names
- Platform-specific configuration values
- [Platform Specific Parameters](#)

Platform Specific Information may result from transforming, mapping, or parameterizing [Platform Independent Information](#) for a selected [Provider Implementation](#).

Platform Specific Information differs from Platform Independent Information:

- Platform Independent Information expresses implementation-neutral intent
- Platform Specific Information identifies how that intent is realized on a selected platform

Platform Specific Information also differs from environment-specific information:

- Platform Specific Information varies because of the selected implementation platform
- Environment-specific information varies because of the target operational or development context

The same information may be both platform-specific and environment-specific when its value depends on both the implementation platform and the target environment.

Definition

information that expresses implementation details associated with a particular implementation platform

Source

Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

Note

Platform Specific Information should remain distinguishable from the Platform Independent Information from which it derives.

Maintaining this distinction supports:

- Platform substitution
- Provider comparison
- Transformation traceability
- Configuration reuse
- [Cloud Portability](#)

The term does not require a particular cloud provider, operating system, virtualization platform, container platform, deployment tool, or transformation technology.

Example

A platform-independent specification requires a compute resource with defined characteristics for the processor, memory, and availability. Platform Specific Information identifies the provider machine type, region, image identifier, network interface, and storage class used to realize that resource.

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Last update: **2026/07/16 09:44**

