

Provider Mirror

[Go up to Terms and Definitions](#)

Discussion

A Provider Mirror is a controlled local or internal copy of infrastructure-provider software packages and associated metadata used by infrastructure automation tooling without direct access to the original distribution source.

The mirror may contain provider binaries, versions, platform-specific packages, integrity values, signatures, indexes, and source information.

A Provider Mirror supports deterministic and disconnected initialization of [Infrastructure as Code \(IaC\)](#) tooling.

Within Crucible, a Provider Mirror may be included in a [Transfer Bundle](#) and used during [Platform Initialization](#) in a disconnected enclave.

Definition

controlled local or internal copy of infrastructure-provider software packages and associated metadata used without direct access to the original distribution source

Source

Generalized from Infrastructure as Code tooling, package mirroring, plugin distribution, disconnected operations, and software supply-chain management and specialized for the Crucible architecture and operational model.

Note

A Provider Mirror stores provider software packages. It differs from a [Provider Registry](#), which identifies and resolves Provider Plugins within an application architecture.

A Provider Mirror should preserve the exact versions, integrity values, and platform compatibility information required by the infrastructure tooling.

Example

A connected environment downloads the required OpenTofu provider packages for Linux on x86-64 and AArch64, records their integrity values, and transfers them into a Provider Mirror inside an air-gapped enclave.

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:

<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:

https://wiki.didosolutions.com/dido/99_annexes/annex-b-terms-and-definitions/p/provider_mirror

Last update: **2026/07/13 12:36**

