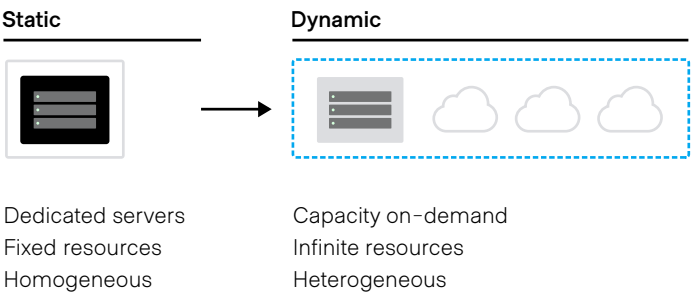
HCP Packer

Standardize Infrastructure Automation

Images as code to build and manage any image

Image management has evolved with cloud

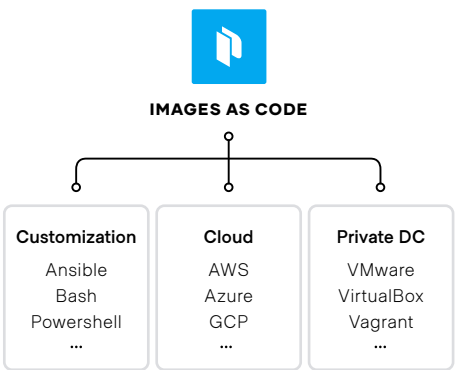
Manual tracking of base images, their iterations, and their build artifacts across downstream builds and provisioning pipelines can be challenging across multi-cloud environments. Managing images across teams can be redundant and error-prone, taking time away from projects that are core to your business.



HashiCorp Packer

The standard for infrastructure automation to build, govern and manage any image for any cloud

- **Images as Code** – standardize and automate the process of building image systems
- **Update images across clouds** – define golden images and trigger updates across downstream builds and provisioning pipelines
- **Create security processes** – one security and compliance workflow for images that are provisioned across multiple clouds and private infrastructure
- **Integrate with Terraform** – using the HCP Provider for Terraform, the Packer data source allows you to codify images in Terraform configuration files rather than hard-coding them



Benefits

Speed

Decrease time to deployment

Speed up time to deployment by up to 9x by creating and reusing images from a single source configuration file, connect to VCS and collaborate across teams

Efficiency

Automate image management

Standardize image versions, change a golden image once and automatically update across downstream builds

Reduce risk

Never deploy insecure images

Embed security and compliance requirements into all images across your cloud environments, set EOL dates for images and automate revocation

Ecosystem

50+
Plugins

Packer provides support across heterogeneous environments with workflows and technologies you are already using.

1. Builders
are responsible for generating images for various clouds and on-prem infrastructure.

aws · vm

2. Provisioners
prepare the system using built-in and third-party software to install and configure the image.

ANSIBLE

3. Post-processors
run after the image is built and upload artifacts, re-package, or more.

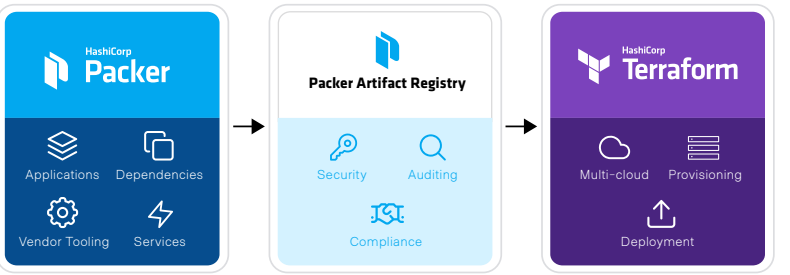
aws · Vagrant · >_

4. Data sourcers
allow data from outside of Packer to be fetched for use in configurations.

HCP Packer

Build, provision, manage images

Set up HCP Packer in minutes to start tracking Packer image updates across downstream builds and provisioning pipelines.



Packer OSS builds image artifacts

HCP Packer tracks and governs image artifacts across clouds

Terraform provisions resources from those image artifacts

Compare offerings

		Packer Community	HCP Packer Standard Free	HCP Packer Standard	HCP Packer Plus (*Beta*)
Adopt Images as Code	Images as Code (HCL)	✓	✓	✓	✓
	Multi-cloud support	✓	✓	✓	✓
	Parallel builds	✓	✓	✓	✓
	Provisioners	✓	✓	✓	✓
	Post Processors	✓	✓	✓	✓
	Data Sources	✓	✓	✓	✓
Standardize Build controls for security, compliance, and management	Mulit-cloud artifact registry		✓	✓	✓
	Custom image metadata		✓	✓	✓
	Build and artifact tracking		✓	✓	✓
	Image ancestry tracking		✓	✓	✓
	Channels		✓	✓	✓
	Channel assignment history		Last 3	Last 3	1 year
	Remediation workflows		✓	✓	✓
	Image compliance checks		✓	✓	✓
	Scheduled revocation				✓
Scale Automated workflows	API access		✓	✓	✓
	Channel rollback		✓	✓	✓
	Inherited revocation		✓	✓	✓
	Terraform OSS integration		✓	✓	✓
	Terraform Cloud integration		✓	✓	✓
Support	Community	✓	✓	✓	✓
	Bronze			✓	✓
	Silver			✓	✓
	Gold			✓	✓

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