



# Creating a Golden Image Pipeline with HCP Packer & Terraform Cloud

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14. Dezember 2021

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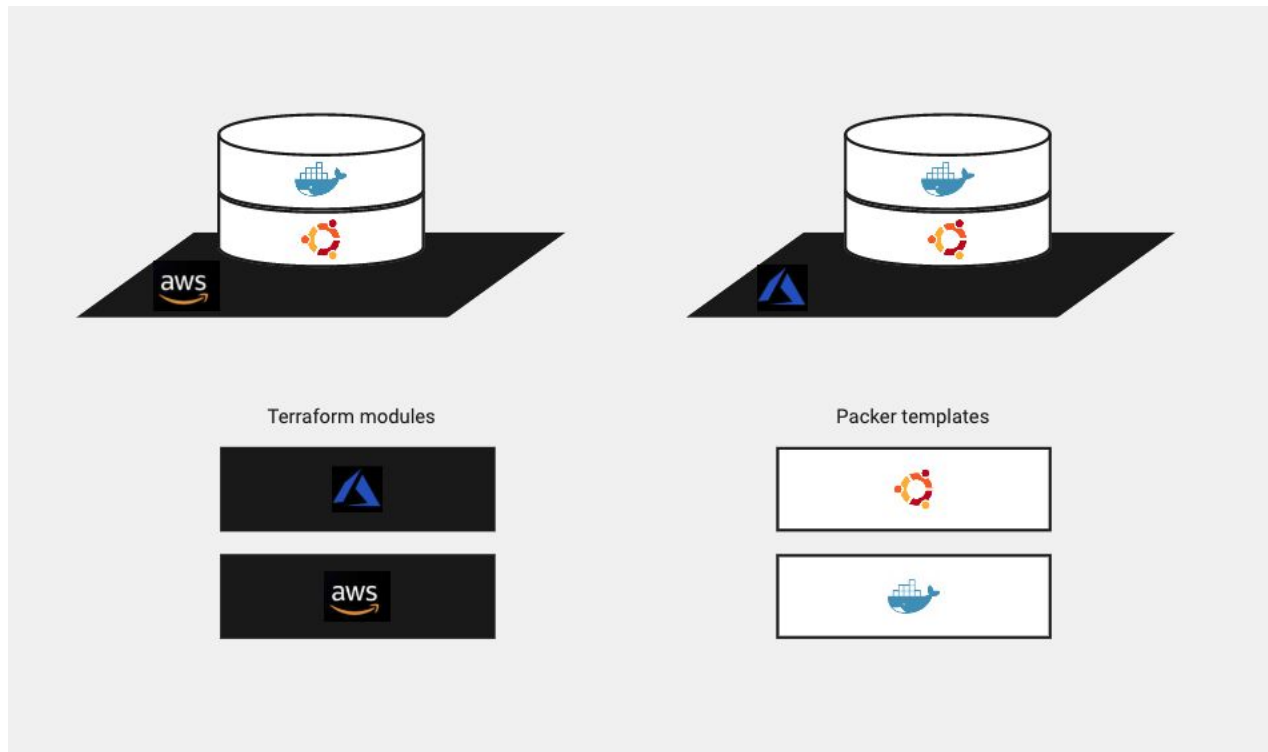
# agenda.hcl

```
resource "agenda" "golden-image_agenda" {  
    Point_1 = "HCP Packer overview"  
    Point_2 = "Benefits of HCP Packer"  
    Point_3 = "Demo!"  
}
```

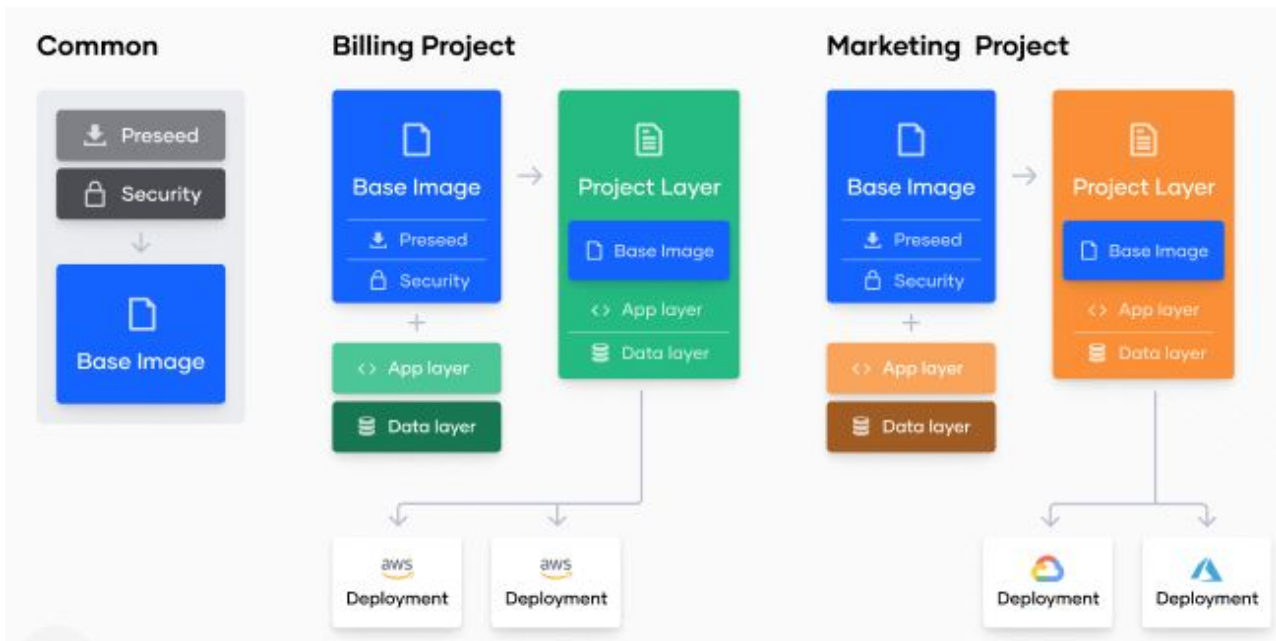


# What is HCP Packer?

# Build identical machine images across multi-cloud infrastructure





# Automate build management across cloud providers



# Track builds across deployments



Packer / hashicorp/common


## hashicorp/common

Overview **Iterations 31**

### Iterations

| Version    | Fingerprint | Publisher           | Published                        |
|------------|-------------|---------------------|----------------------------------|
| <b>v31</b> | eef9ac1     | kris@hashicorp.com  | Today at 13:02 UTC (2 hours ago) |
| <b>v30</b> | bab1ee3     | megan@hashicorp.com | 9/15/2021 9:37 UTC (2 days ago)  |


#### Info **v31**


**Publisher**  kcarter@hashicorp.com


**Platforms** AWS Azure GCP


**Image Size** 1.3GB

#### Builds

**AWS-name.south**  
us-east-2 Image ID aws-a345agh31  
2021 17:31 UTC (5 days ago)

**gcp-east.example**  
gcp-east Image ID gcp-at2kadsd29  
2021 5:42 UTC (13 days ago)

**azure.basic-example-west**  
us-west-2 Image ID ami-832kjhd2k0  
2021 15:14 UTC (2 weeks ago)

**gcp-east.example**  
gcp-east Image ID gcp-at2kadsd29  
2021 9:39 UTC (6 weeks ago)



## Packer build updates can be automated throughout a TFC/E provisioning pipeline



lomar / Packer / hashitalk

### hashitalk

#### Manage channels


| Channel    | Active iteration             |
|------------|------------------------------|
| Production | 9 01FPQWB390T0PDHZKS91B9DB73 |



```
data "hcp_packer_iteration" "hashitalk" {  
    bucket_name = "hashitalk"  
    channel      = "Production"  
}
```

CODE EDITOR

# Fingerprint from commit SHA of Git



```
> $ packer build aws-ubuntu-apache.pkr.hcl
```

```
Error: HCP Packer Registry iteration initialization failed
```

```
Failed to initialize iteration for "hashitalk"
```

```
This iteration associated to the fingerprint  
3bd27436cbfecc7c10b46acc7672107c2bd1fc83 is complete. If you wish to add a  
new  
build to this image a new iteration must be created by changing the build  
fingerprint.
```





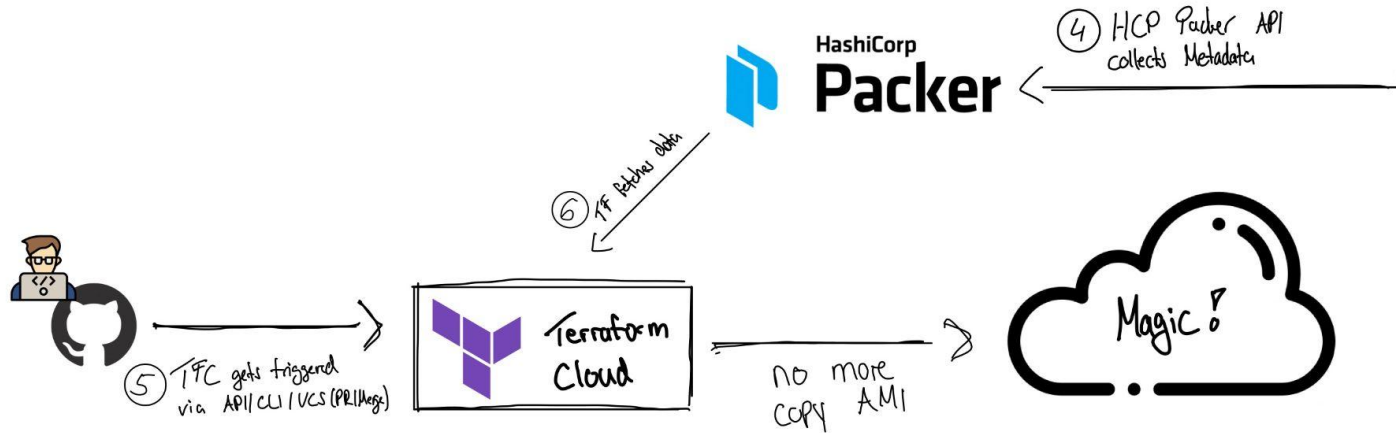
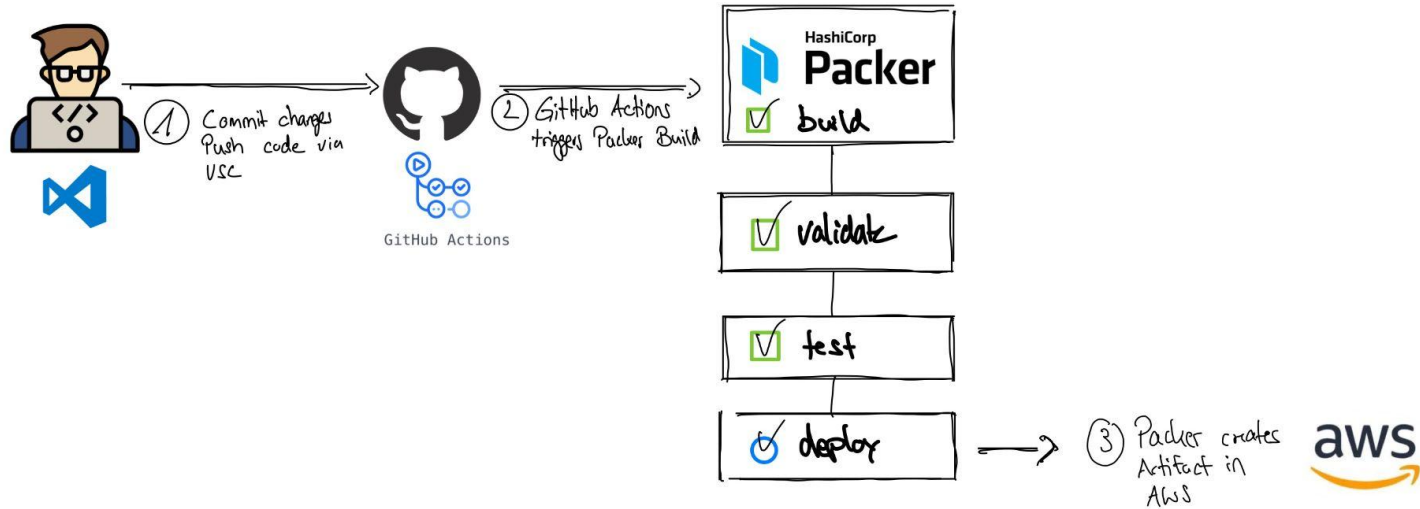
**Codification =  
standardization and  
automation**

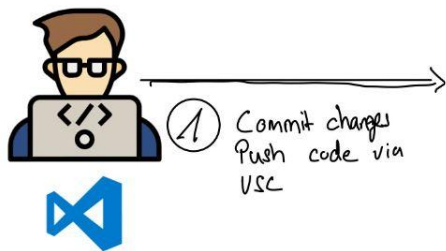


**Visit Hashicorp Cloud Platform to show  
how easy it is to set up**

→ **[Hashicorp Cloud Platform](#)**

# Demo!







# Helpful Resources



[Learn Packer now](#)



[Get started with Packer](#)



[Blog: How to securely build and deploy with dynamic credentials](#)



[Configure OIDC in Vault for GitHub Actions](#)



[HCP Packer in Production](#)



# Thank You

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