

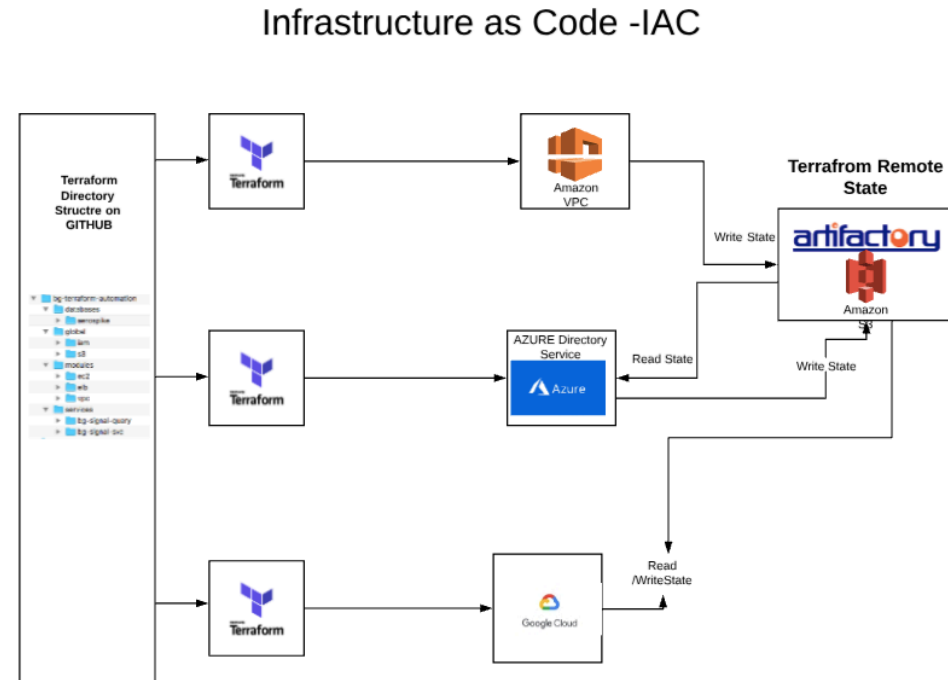
# DAAS-360Cloud

## Building and Automating Enterprise Infrastructure Using Terraform and Packer



<https://www.daas-360cloud.com/>

# Infrastructure as Code -Terraform



- Terraform supports multiple providers : Terraform can be used to orchestrate an AWS , Azure and GCP cluster simultaneously



Write Plan and Create Infrastructure as Code

- Created by Hashicorp in July 2014 ( Other tools -Vagrant, Packer, Vault etc. )
- Terraform is Infrastructure as a Code ( IaC).
- Opensource - Written in Go .
- Easier Syntax -HCL.
- Supports Planning from execution.
- Supports 100+ providers ( AWS, GCP, Azure, Docker etc.)
- Strong community Support

# Terraform Providers

Active Directory	Apigee	Artifactory
Auth0	AVI	Aviatrix
CloudAMQP	CloudKarafka	CloudMQTT
Consul ACL	CoreOS Container Linux Configs	CouchDB
Databricks	Dead Man's Snitch	Digital Rebar
Docker Machine	Drone	Dropbox
EfficientIP	ElephantSQL	ESXI
Gandi	Generic Rest API	Glue
GoCD	Google Calendar	Google G Suite
Helm	Hiera	HTTP File Upload
HP OneView	IBM Cloud	IJ GIO
Infoblox	Jira	JumpCloud
Kaboolah	Kafka	Kibana
Kong	LXD	Manifold
Matchbox	MongoDB Atlas	NSX-V
Nutanix	Online.net	Open Day Light
OpenAPI	Pass	Puppet CA
PuppetDB	QingCloud	Redshift
RKE	SakuraCloud	SCVMM
Sentry	Sewan	SignalFx

Terraform supports multiple Providers . For this training course we will be mainly focussing on Provider -AWS.

<https://www.terraform.io/>

Terraform Providers

# Terraform Installation and CLI

Terraform is a CLI Tool and you only need one executable (Golang).

<https://www.terraform.io/downloads.html>

For Linux based Platforms

```
curl -o terraform_0.11.7_linux_amd64.zip https://releases.hashicorp.com/terraform/0.11.7/terraform_0.11.7_linux_amd64.zip
```

THANK YOU