

TERRAFORM KEY FEATURES CONT.

▶ Multiple Providers

- ▶ AWS, Google Cloud, Azure
- ▶ Github, Bitbucket, Datadog, Pager Duty
- ▶ <https://www.terraform.io/docs/providers/index.html>

▶ Use Cases

- ▶ Multi-Tier Applications
- ▶ Disposable Environments
- ▶ Software Demos
- ▶ Software Defined Networking
- ▶ Multi-Cloud Deployments

aws



Google Cloud Platform



DATADOG



GitLab



TERRAFORM – VS – CLOUDFORMATION

- ▶ Terraform was inspired by CloudFormation
 - ▶ Infrastructure codified into a configuration file, allowing infrastructure to be elastically created, updated, destroyed
- ▶ Terraform goes a bit further by being cloud-agnostic and allowing multiple providers and services to be composed together. In a unified syntax.
- ▶ Terraform separates the planning phase from the execution phase.