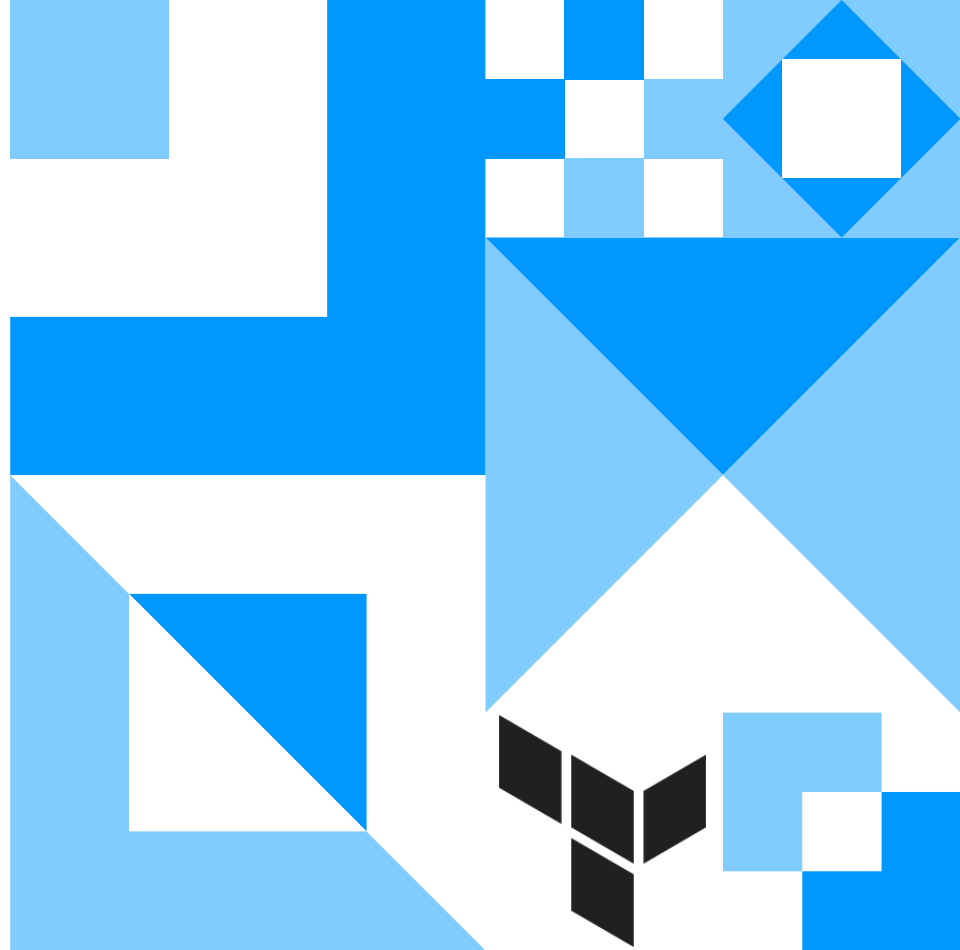


Terraform

Creating infrastructure using Terraform



Terraform

About the tool

Terraform

About

- What is Terraform?
 - Terraform is an **infrastructure management tool** created by HashiCorp
 - It allows to **Develop**, **Provision** and **Change** infrastructure
 - Written in GO Language
- What are the key features?
 - Provides **declarative** language
 - Mostly **Idempotent**
 - Automated changes
 - Supports multiple providers
- Webpage: <https://www.terraform.io/>

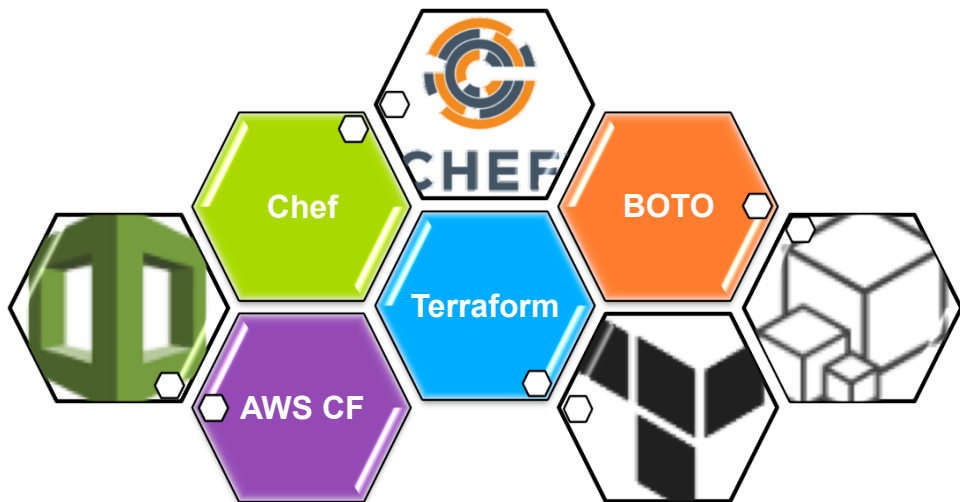


<http://ibrahimozdemir.deviantart.com>

Terraform

Terraform vs. Others

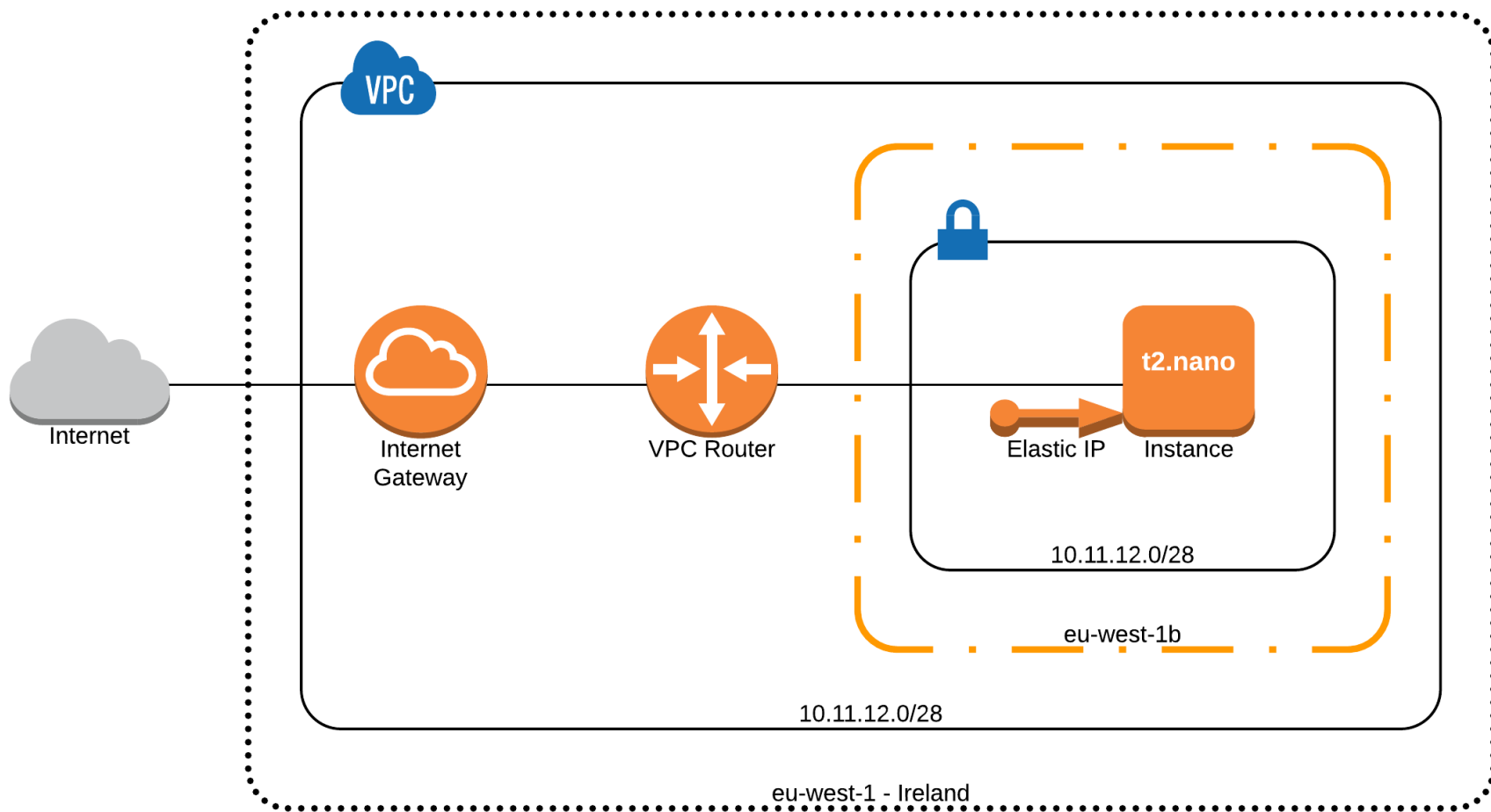
- Terraform vs. AWS CloudFormation
 - Terraform is similar to AWS CloudFormation
 - CloudFormation stack creation can be executed from Terraform
- Terraform vs. Chef
 - Chef is a configuration management tool – manages software on existing machine
 - Terraform is infrastructure management tool
 - Chef can be invoked from Terraform
- Terraform vs. BOTO
 - BOTO is API provided by AWS to manage the Cloud
 - Terraform uses BOTO (AWS SDK for GO language) to manage resources



Terraform

DEMO

Example, how to use Terraform



Thank you

For more information contact:

Przemysław Iwanek

Systems Engineer

przemyslaw.iwanek@cognifide.com