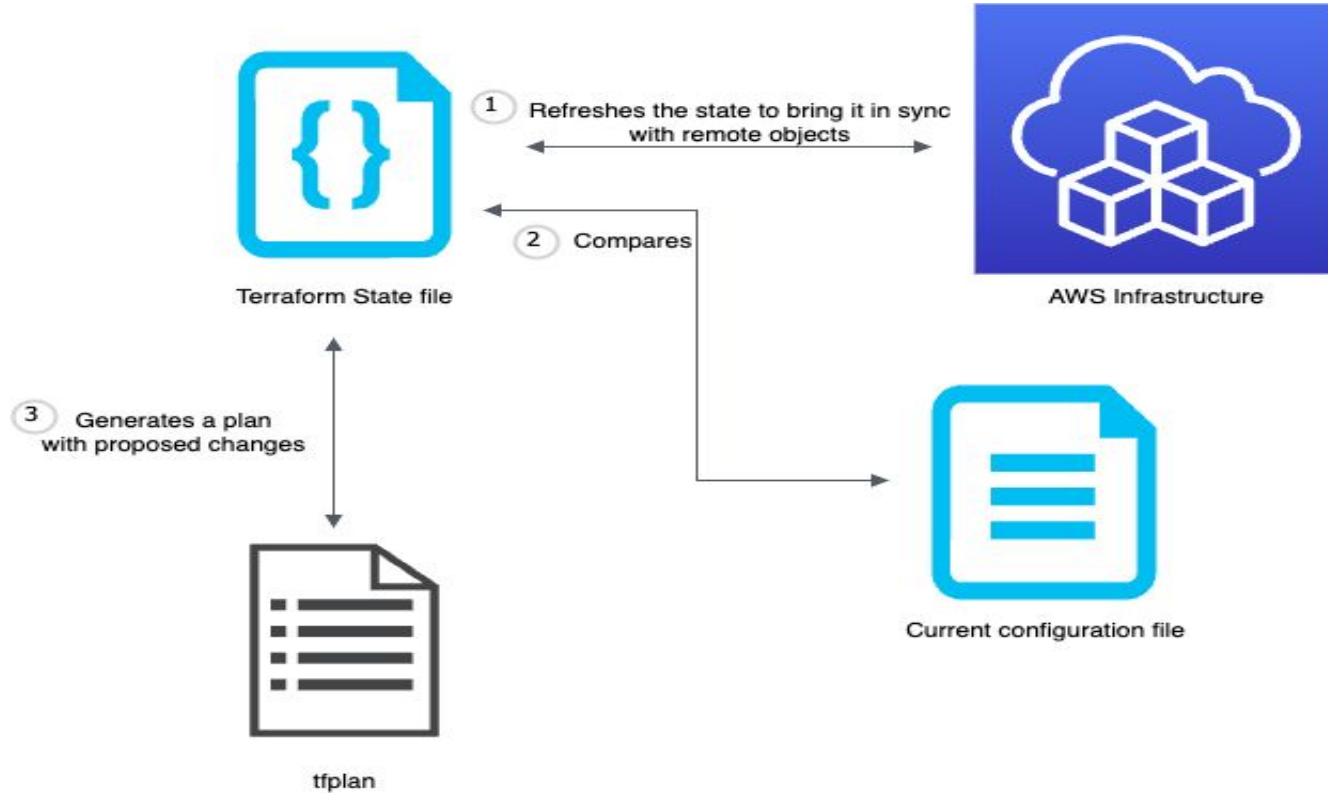# Terraform Plan

By TecheStop

Agenda

- Terraform plan command working
- Terraform plan command and its options
- Demo

Terraform plan command working

Terraform State file

① Refreshes the state to bring it in sync with remote objects

② Compares

③ Generates a plan with proposed changes

AWS Infrastructure

Current configuration file

tfplan

Terraform plan command and its options

Command syntax: terraform plan <options>

Options:

-out=<file-name> : creates a file with the configuration change plan

-destroy: enables the destroy mode for plan command

-refresh-only: only refreshes the state in accordance with the actual infrastructure

-refresh=false: disables the refresh functionality

-replace=Address: replaces the resources with a given address

TecheStop

Terraform plan command and its options continued

Options:

-target=Address: instructs the terraform to target resource with specific address and those resources which the target depends upon.

-var "var1=name1" : set the value of the variable

-var-file=<tfvars file name>

-json : Enables json output

-parallelism=n : limits are number of concurrent operations performed by terraform

Source: https://developer.hashicorp.com/terraform/cli/commands/plan

Demo

Thank you