Infra Generation - UI

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Terraform - CLI

To provision/uplift infra on Cloud Environment using **Infrastructure As Code**

Terraform Files: (mostly fixed)
*.tf -> *Actual magic happens*

Terraform Variables:
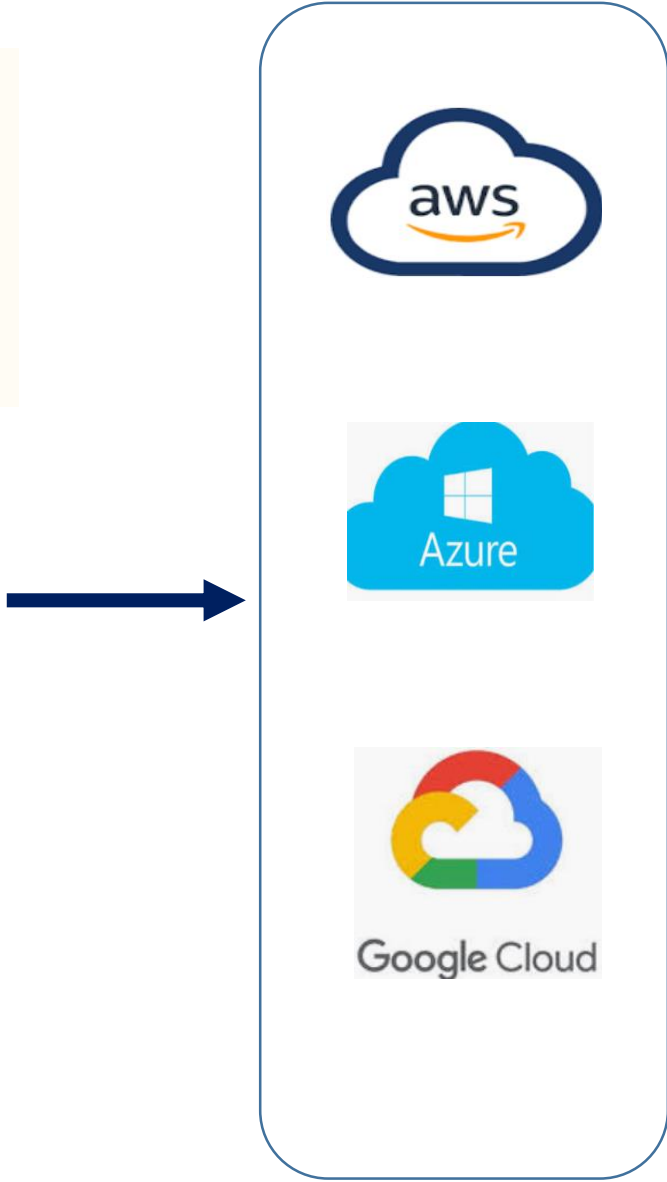**variables.tf ->** Place holder variables for values used by ***.tf** files
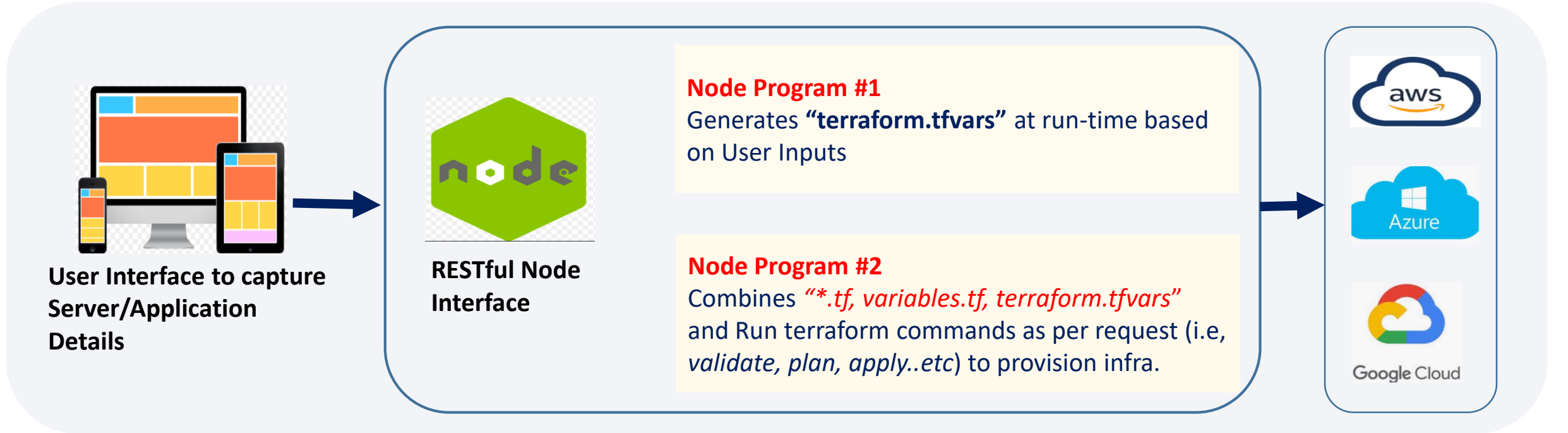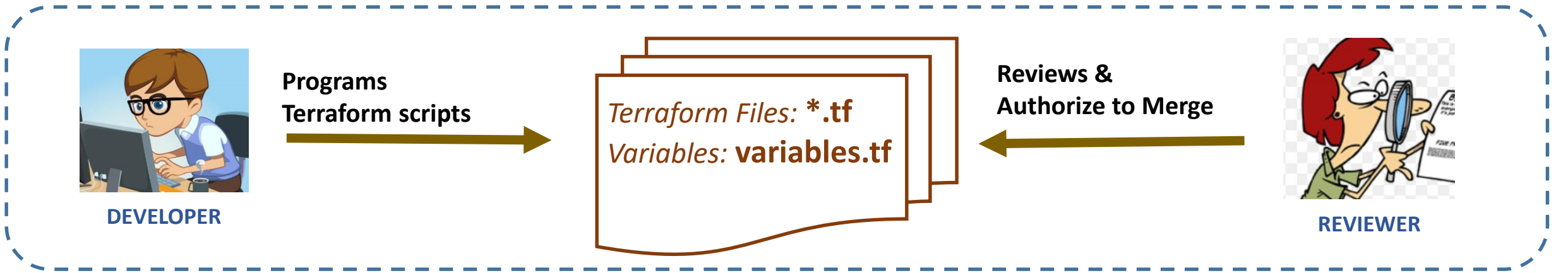
CLI commands:
Init,
Fmt,
Validate,

CLI commands:
Plan,
Apply,
Destroy,

Terraform Runtime Values:
terraform.tfvars -> **Runtime values to be sent to 'variables.tf' via this file.**

This file will vary based on Application to Application based on input values.

Terraform - UI

Programs Terraform scripts

Terraform Files: ***.tf**
Variables: **variables.tf**

Reviews & Authorize to Merge

DEVELOPER

REVIEWER

User Interface to capture Server/Application Details

RESTful Node Interface

Node Program #1
Generates **"terraform.tfvars"** at run-time based on User Inputs

Node Program #2
Combines *"*.tf, variables.tf, terraform.tfvars"* and Run terraform commands as per request (i.e, *validate, plan, apply..etc*) to provision infra.

aws

Azure

Google Cloud

Demo

Thanks