

DATE : 20.03.2025
DT/NT : DT
LESSON : TERRAFORM
SUBJECT: MODULES AND
IMPORT

BATCH : B 303

AWS-DEVOPS



TECHPRO
EDUCATION



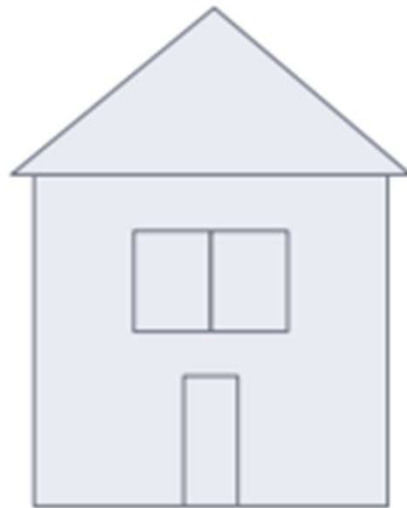
techproeducation.com



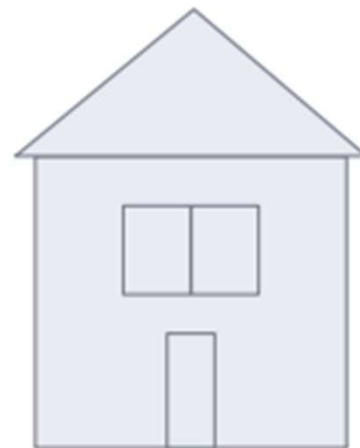
+1 (585) 304 29 59



TERRAFORM MODULES



TERRAFORM MODULES

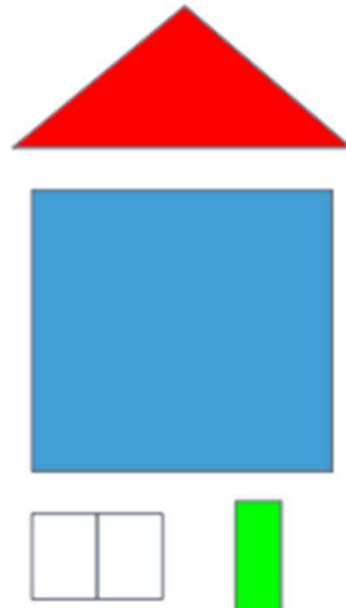


TERRAFORM MODULES

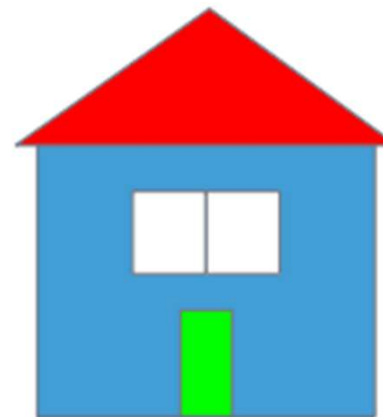
Variables

```
roof   = red  
wall   = blue  
window = white  
door   = green
```

Modules



Infrastructure



TERRAFORM MODULES



Oliver

roof = red
wall = blue
window = white
door = green



Tomy

roof = purple
wall = orange
window = yellow
door = red berry



Tyler

roof = magenta
wall = cyan
window = blue
door = red



TERRAFORM MODULES



DEV Environmet



TEST Environmet



PROD Environmet

TERRAFORM MODULES



```
resource "aws instance" "tfec2" {  
  ami = ami-123456789  
  instance_type = var.instance_type  
  security_groups = ["tf-sec-grp"]  
}
```

Source

instance_type

Development



t3a.medium

Testing



m5.large

Production



t3.xlarge

TERRAFORM MODULES



TERRAFORM MODULES

Variables

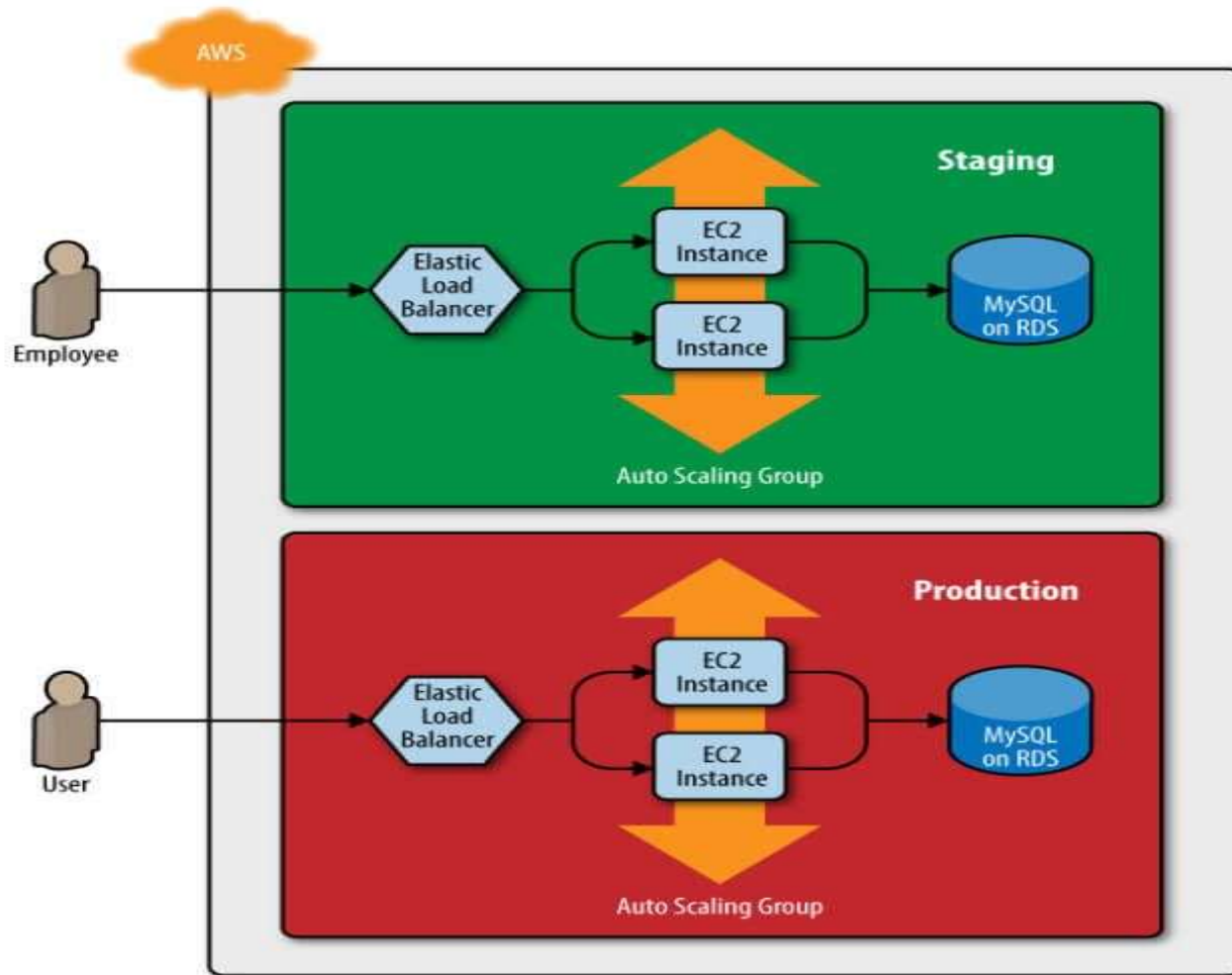
```
ami           = var.ec2_ami
instance_type = var.instance_type
key_name      = var.key_name
tags         = var.tags
```

Modules

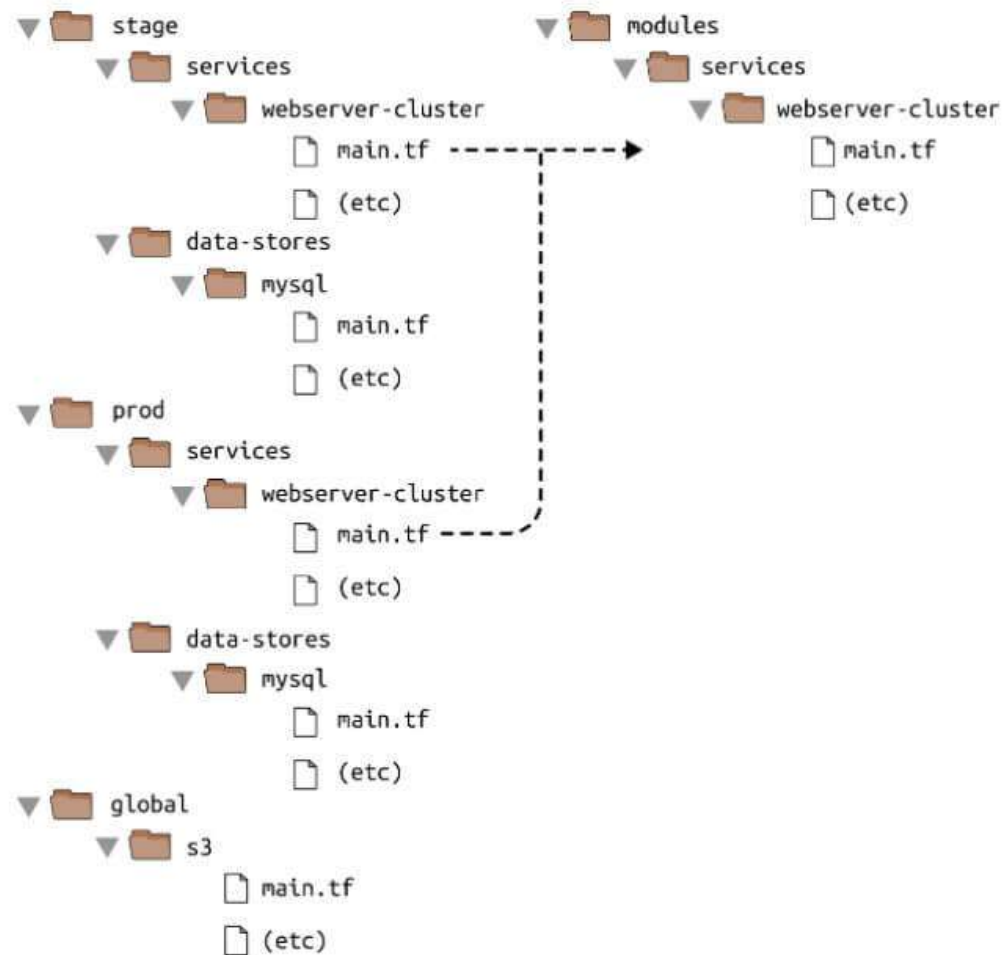


Amazon EC2

TERRAFORM MODULES



TERRAFORM MODULES



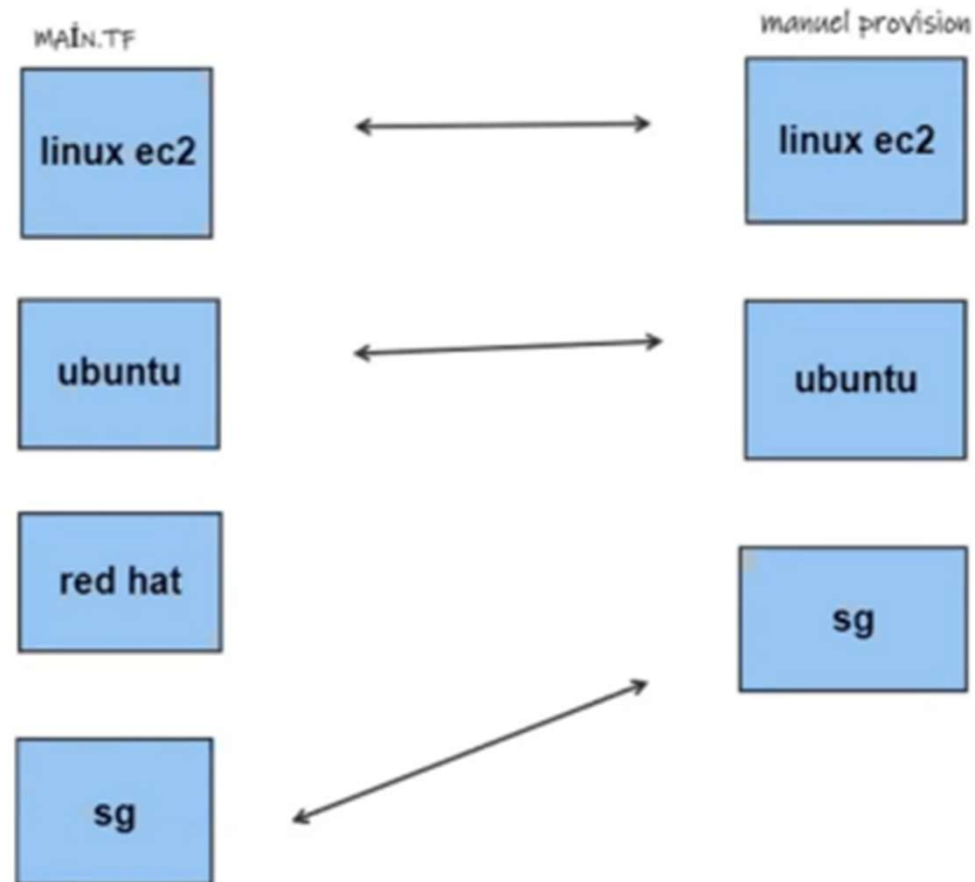


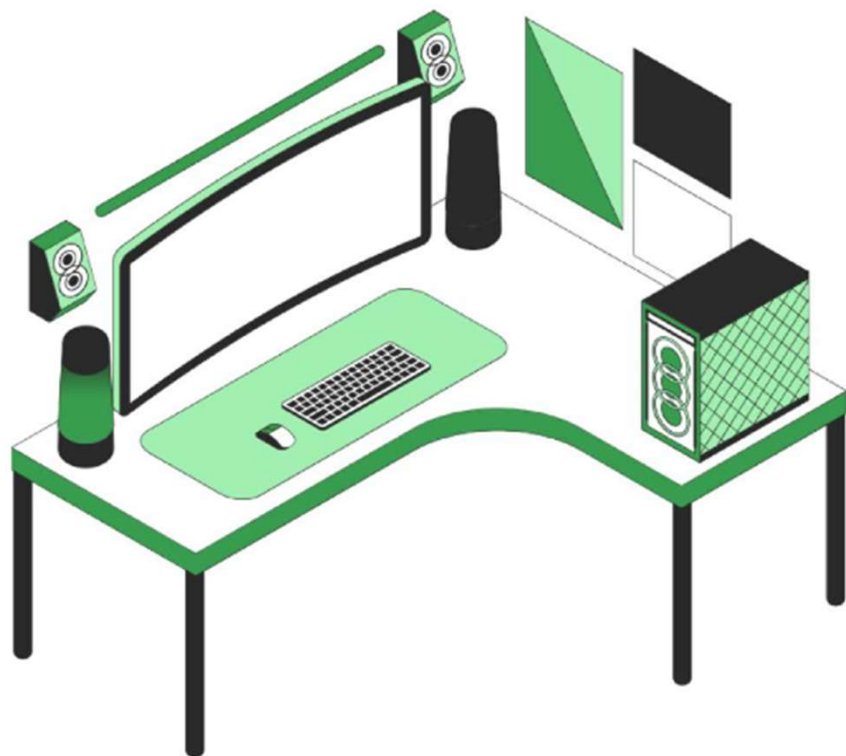
TERRAFORM IMPORT

Terraform can import existing infrastructure resources. This functionality lets you bring existing resources under Terraform management.

TERRAFORM IMPORT

TERRAFORM IMPORT





Do you have any questions?

Send it to us! We hope you learned something new.